# Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schedule of Events</td>
<td>3</td>
</tr>
<tr>
<td>Welcome from the President</td>
<td>5</td>
</tr>
<tr>
<td>NCUR® Information</td>
<td>6</td>
</tr>
<tr>
<td>NCUR® Board of Governors</td>
<td>7</td>
</tr>
<tr>
<td>Acknowledgements</td>
<td>8</td>
</tr>
<tr>
<td>General Information</td>
<td>10</td>
</tr>
<tr>
<td>Transportation Information</td>
<td>14</td>
</tr>
<tr>
<td>Session Information</td>
<td>16</td>
</tr>
<tr>
<td>NCUR® 2010 Proceedings</td>
<td>18</td>
</tr>
<tr>
<td>Special Events and Activities</td>
<td>19</td>
</tr>
<tr>
<td>Plenary Speakers at the University Theater</td>
<td>22</td>
</tr>
<tr>
<td>FAN Sessions</td>
<td>24</td>
</tr>
<tr>
<td>Oral Sessions Program Overview</td>
<td>26</td>
</tr>
<tr>
<td>Oral Sessions</td>
<td>34</td>
</tr>
<tr>
<td>Oral Session 1</td>
<td>34</td>
</tr>
<tr>
<td>Oral Session 2</td>
<td>46</td>
</tr>
<tr>
<td>Oral Session 3</td>
<td>62</td>
</tr>
<tr>
<td>Oral Session 4</td>
<td>78</td>
</tr>
<tr>
<td>Oral Session 5</td>
<td>94</td>
</tr>
<tr>
<td>Oral Session 6</td>
<td>109</td>
</tr>
<tr>
<td>Oral Session 7</td>
<td>124</td>
</tr>
<tr>
<td>Oral Session 8</td>
<td>135</td>
</tr>
<tr>
<td>Poster Sessions and Graduate Fair Map</td>
<td>145</td>
</tr>
<tr>
<td>Dual Poster Sessions</td>
<td>146</td>
</tr>
<tr>
<td>Poster Sessions</td>
<td>148</td>
</tr>
<tr>
<td>Poster Session 1</td>
<td>148</td>
</tr>
<tr>
<td>Poster Session 2</td>
<td>155</td>
</tr>
<tr>
<td>Poster Session 3</td>
<td>161</td>
</tr>
<tr>
<td>Poster Session 4</td>
<td>167</td>
</tr>
<tr>
<td>Poster Session 5</td>
<td>173</td>
</tr>
<tr>
<td>Poster Session 6</td>
<td>179</td>
</tr>
<tr>
<td>Poster Session 7</td>
<td>185</td>
</tr>
<tr>
<td>Poster Session 8</td>
<td>191</td>
</tr>
<tr>
<td>Performing and Visual Arts Sessions</td>
<td>197</td>
</tr>
<tr>
<td>Index by Presenters</td>
<td>201</td>
</tr>
<tr>
<td>Index by Institution</td>
<td>211</td>
</tr>
<tr>
<td>Personal Planner</td>
<td>230</td>
</tr>
<tr>
<td>Missoula City Map</td>
<td>234</td>
</tr>
<tr>
<td>UM Campus Map</td>
<td>Back Cover</td>
</tr>
</tbody>
</table>
Graduate Academic Programs

- Anthropology M.A.
- Division of Biological Sciences
- Department of Biomedical & Pharmaceutical Sciences
- Biomolecular Structure & Dynamics
- School of Business
- Department of Chemistry & Biochemistry
- Communication Studies M.A.
- Communicative Sciences & Disorders
- Computer Science M.S.
- Counselor Education
- Curriculum & Instruction
- Theatre

- Economics M.A.
- Educational Leadership
- English
- Environmental Studies M.S.
- College of Visual & Performing Arts
- Art
- Media Arts
- Music
- College of Forestry & Conservation
- Geography M.A.; M.S.
- Geosciences M.S.; Ph.D.
- Health & Human Performance M.S.
- History M.A.; Ph.D.

- Intercultural Youth & Family Development M.A.
- Interdisciplinary Studies
- Journalism
- Linguistics
- Mathematical Sciences
- Modern & Classical Languages & Literatures M.A.
- Philosophy M.A.
- Political Science/Public Administration
- Psychology
- Social Work M.S.W.
- Sociology M.A.
- Sociology M.A.
- Technical Communication M.S.

Graduate Programs at The University of Montana
(406) 243-2572 • www.umt.edu/grad • grad.school@umontana.edu
**Schedule of Events**

**Wednesday, April 14**
4:00pm–9:00pm  **REGISTRATION:**
University Center – South Ballroom (3rd Floor)

**Thursday, April 15**
7:30am–10:00am  **CONTINENTAL BREAKFAST:**
University Center (3rd Floor Foyer), Gallagher Building, Central Lobby and Adams Center Hall of Fame
7:30am–4:30pm  **REGISTRATION:**
University Center – South Ballroom (3rd Floor)
8:30am–4:00pm  **GRADUATE AND PROFESSIONAL SCHOOL FAIR:**
Adams Center, Auxiliary Gyms
8:40am–10:00am  **SESSION 1:**
Poster Sessions: Adams Center – Auxiliary Gyms
Oral Sessions: Classrooms
Performing Art Sessions: Univ. Center, PAR/TV & Music
10:20am–12:00pm  **OPENING CEREMONY:**
University Theater
**PLENARY 1:**
*Guest Speaker: William David Burns*
12:00pm–1:30pm  **LUNCH:**
University Center – North Ballroom (3rd Floor), Commons (2nd Floor)
12:00pm–1:00pm  **FAN SESSION 1:**
University Center Conference Rooms (3rd Floor)
**STUDENT SPECIAL SESSIONS:**
*Applying to Graduate Schools:*
University Center Theater (3rd Floor)
1:30pm–2:50pm  **SESSION 2:**
Poster Sessions: Adams Center – Auxiliary Gyms
Oral Sessions: Classrooms
Performing Art Sessions: Univ. Center, PAR/TV & Music
3:00pm–4:20pm  **SESSION 3:**
Poster Sessions: Adams Center – Auxiliary Gyms
Oral Sessions: Classrooms
Performing Art Sessions: Univ. Center, PAR/TV & Music
4:00pm–5:30pm  **PLENARY 3:**
University Theater
*Guest Speaker: Dr. Steven Running*
5:00pm–7:00pm  **WESTERN STYLE BARBECUE (BBQ):**
University Center – North Ballroom (3rd Floor), Commons (2nd Floor)
7:00pm–9:00pm  **KYI-YO POW WOW:**
Adams Center Arena

**Friday, April 16**
7:30am–10:00am  **CONTINENTAL BREAKFAST:**
University Center (3rd Floor Foyer), Gallagher Building, Central Lobby and Adams Center Hall of Fame
7:30am–8:30am  **UNDERGRADUATE RESEARCH SUMMIT:**
University Center 333
7:30am–4:30pm  **REGISTRATION:**
University Center – South Ballroom (3rd Floor)
8:30am–9:50am  **SESSION 4:**
Poster Sessions: Adams Center – Auxiliary Gyms
Oral Sessions: Classrooms
Performing Art Sessions: Univ. Center, PAR/TV & Music
10:00am–11:20am  **SESSION 5:**
Poster Sessions: Adams Center – Auxiliary Gyms
Oral Sessions: Classrooms
Performing Art Sessions: Univ. Center, PAR/TV & Music
11:20am–1:00pm  **LUNCH:**
University Center – North Ballroom (3rd Floor), Commons (2nd Floor)
11:30am–12:30pm  **FAN SESSION 2:**
University Center Conference Rooms (3rd Floor)
**STUDENT SPECIAL SESSIONS:**
*Applying to Graduate Schools:*
University Center Theater (3rd Floor)
**NCUR® ROUNDATABLE:**
University Center 332
1:00pm–2:20pm  **PLENARY 4:**
University Theater
*Guest Speaker: Dr. Henriette Löwisch*
2:30pm–3:50pm  **SESSION 6:**
Poster Sessions: Adams Center – Auxiliary Gyms
Oral Sessions: Classrooms
Performing Art Sessions: Univ. Center, PAR/TV & Music
4:00pm–5:30pm  **PLENARY 5:**
University Theater
*Guest Speaker: Dr. Steven Running*
5:00pm–7:00pm  **NCUR® Board of Governors Reception:**
Davidson Honors College Lounge
7:00pm–9:00pm  **KYI-YO POW WOW:**
Adams Center Arena

**Saturday, April 17**
7:30am–10:00am  **CONTINENTAL BREAKFAST:**
University Center (3rd Floor Foyer), Gallagher Building, Central Lobby and Adams Center Hall of Fame
7:30am–10:00am  **REGISTRATION:**
University Center – South Ballroom (3rd Floor)
8:30am–9:50am  **SESSION 7:**
Poster Sessions: Adams Center – Auxiliary Gyms
Oral Sessions: Classrooms
Performing Art Sessions: Univ. Center, PAR/TV & Music
10:00am–11:20am  **SESSION 8:**
Poster Sessions: Adams Center – Auxiliary Gyms
Oral Sessions: Classrooms
Performing Art Sessions: Univ. Center, PAR/TV & Music
11:30am–12:45pm  **PLENARY 6:**
University Theater
*Guest Speaker: Dr. Henriette Löwisch*
12:50pm–1:30pm  **LUNCH:**
University Center – North Ballroom (3rd Floor), Commons (2nd Floor)
1:00pm  **EXCURSIONS**
Congratulations to all student presenters!
A proud sponsor of the 2010 National Conference on Undergraduate Research
www.psichi.org
As President, I have the honor and distinct pleasure to welcome you to The University of Montana (UM), the host campus for the 24th National Conference for Undergraduate Research (NCUR®). UM has long fostered and supported undergraduate research, having served as the host site for the NCUR in 2000. Over the intervening years, we developed and continue to sustain the UMCUR, or The University of Montana Conference on Undergraduate Research, now an annual event with more than 140 students presenting the results of their work each year. As President of UM, I assign very high priority to assuring that our undergraduate students enjoy access to the research experience. Research and experience prove the life-long benefits of that involvement, and we all know that people learn through engagement. In that regard, I strongly believe that this country has benefitted immensely from the national movement that has evolved because of the NCUR and its supporters—students and faculty—during the past twenty years.

In many respects, I think Missoula almost a perfect venue for the Conference. We have a rich tradition of research on the campus, combined with a love for the environment and the opportunities that Montana provides to enjoy the scenic beauty and wonders of this area. In addition, I know you will find the community welcoming, with many places to visit and much to see and learn. We intend to do all we can to make certain that you have the chance actually to experience the community and its surrounding environment.

As indicated, the love of and engagement in research and creative activity pervades the campus and culture of The University of Montana. The accomplishments of our students provide the evidence supporting the statement. As examples, UM ranks 5th in the country among public colleges and universities for the graduation of Rhode Scholars, and graduates more Udall Scholars than any other college or University. We also have a distinguished faculty worthy of the students, including such outstanding scholars as Professor Steve Running, a Nobel laureate, and Professors Rich Bridges (Neuroscience), Andrej Holian (Environmental Health), Dan Pletscher (Wildlife Biology), Kevin Canty (Creative Writing), Joel Berger (Craighead Chair of Wildlife Biology), Charles Nichols (Music), Paul Lauren (History), Bill Woessner (Geosciences), and many others.

In that regard, we take great pride in the fact that two of UM’s outstanding scholars have accepted the invitation to appear as Keynote Speakers for the meeting: Professors Steve Running and Henriette Lowisch. Professor Running has focused his research on global warming, and, for the past several years, has participated on the committee of scholars who compiled the scientific evidence for global warming. An international journalist who has worked across continents and media and served as the 2006 Pollner Professor at UM, Professor Lowisch returned to Missoula in 2009 to join the School of Journalism and direct its graduate program.

As I welcome you to the campus, I want to commend and thank all of you—faculty and students alike—for participating and for sharing your knowledge with us.

Sincerely,

George M. Dennison, President
NCUR® Information

What is NCUR®?

The National Conference on Undergraduate Research (NCUR®), established in 1987, is dedicated to promoting undergraduate research, scholarship, and creative activity in fields of study by sponsoring an annual conference for students.

The idea for a national conference open to all undergraduates was conceived and first implemented at the University of North Carolina at Asheville (UNCA) in 1987. The first conference drew more than 400 participants from schools across the country. Now in existence for over twenty years, the conference regularly hosts more than 2,500 students and their faculty mentors to present their research through posters, oral presentations, visual arts and performances.

In addition to providing a forum for student presentations and performances through its annual conference, NCUR® also:

- Organizes workshops for faculty and administrators who support undergraduate research and creative activity on campuses across the country;
- Collaborates with other national organizations in support undergraduate research and the improvement of undergraduate education;
- Publishes a proceedings of the conference;
- Sponsors, with the Council on Undergraduate Research (CUR), an annual institute for Undergraduate Research Program Directors;
- Sponsors special projects on issues relating to the goals of the organization.

NCUR® 2010 Logo Information

The current range of the grizzly bear (Ursus arctos horribilis) extends from Alaska, south through western Canada, and into portions of Idaho, Montana, Washington and Wyoming, extending as far south as Yellowstone and Grand Teton National Parks. The word “grizzly” refers to “grizzled” or grey hairs in its fur. Historically, there were around 50,000 grizzly bears in North America. Today, there are approximately 1,200 grizzly bears remaining in five separate populations in the lower 48 states. In Alaska, there are thought to be over 30,000. Male grizzlies can reach weights of 1,000 pounds and stand 8 feet tall on their hind legs. The grizzly bear is the state animal of Montana and became the University of Montana’s official mascot in 1923. The grizzly bear statue that has resided on the campus Oval since 1968 was created by the renowned ceramic artist and sculptor, Rudy Autio (1926-2007). Rudy was born in Montana where he lived most of his career. He was a member of UM’s art faculty for twenty-eight years and helped to foster the talents of hundreds of students. Prior to that, he was a founding resident artist at the Archie Bray Ceramics Foundation in Helena, Montana. A recipient of numerous awards and honors, Rudy has been described as “a genius who helped push clay beyond the realm of craft and pottery into the modern art arena.” Although he is best known for his work in ceramics, Rudy worked in a variety of materials and other media such as bronze, concrete, glass, fabricated metal sculpture, and the design of colorful Rya tapestries. The life-sized, bronze grizzly bear statue is 7 feet tall and weighs 5,000 pounds. It took one year for Rudy to create. With its classic Main Hall and Mount Sentinel backdrop, the grizzly statue is a favorite place for picture-taking. The NCUR 2010 logo features this proud symbol of our campus.

*Rudy Autio sculpts the famous UM bear that now resides on the Oval.*
Dr. Mary Crowe (2004-06, 2006-09, 2009-12)
University of North Carolina, Greensboro, Biology

Dr. Janice M. DeCosmo (2005-08, 2008-11)
University of Washington, Earth and Space Sciences

Salisbury University, English

Dr. Lauren A. Fowler (2007-10)
Weber State University, Psychology

Sibdas Ghosh, Ph.D. (2006-09) (Treasurer)
Dominican University of California, Biology

Dr. Joseph J. Grabowski (2007-10)
University of Pittsburgh, Chemistry

Bessie Guerrant (2006-09, 2009-11)
University of Kentucky, Education

Dr. Mark Harvey (2005-11)
University of North Carolina, Psychology

Brad Hokanson (2009-12)
University of Minnesota, Art and Design

Dr. Tuajuanda C. Jordan (2007-10)
Howard Hughes Medical Institute, Biochemistry

Dr. Kan Liang (2007-10)
Seattle University, History

Dr. Kelly M. Mack (2007-10)
University of Maryland Eastern Shore, Biology

John Mateja (2008-11)
Murray State University, Undergraduate Research

Karen Palmer McLean (2007-10)
Des Moines University, Exercise Physiology

Jason Miller (2008-11)
Truman State University, Mathematics

Dr. Kathleen Rountree (2005-11)
Ithaca College, Music

Dr. Garon Smith (1998-2004, 2008-11)
The University of Montana, Chemistry

Dr. Holly Straub (2006-09, 2009-12)
University of South Dakota, Psychology

Dr. James E. Turner (2004-07, 2007-10) (Secretary)
Virginia Military Institute, Biology and Chemistry

Indiana University-Purdue University Indianapolis, Biology

Naomi Yavneh, Ph.D. (2008-11)
University of South Florida, Humanities and American Studies

Dr. Robert D. Yearout (2005-07, 2007-10)
University of North Carolina-Asheville, Industrial Engineering

Dr. Gregory Young (2004-07, 2007-10) (Chair)
Montana State University, Music
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SPECIAL THANKS TO:
Scott Bassford, North Applications LLC
National Conference on Undergraduate Research (NCUR®) Board of Governors
NCUR® 2009 Staff at the University of Wisconsin-La Crosse: Penny Tiedt, Janice Olson

THE UNIVERSITY OF MONTANA EXTENDS APPRECIATION TO:
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New programs under development – check our website for details.

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graduate@missouriwildcats.edu

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Guest wireless access

Steps to connect

- View available wireless networks
- Select the “Spring 2010” network and click connect
- Open a web browser

You may see a message that says there is a problem with this website’s security certificate. Choose “Continue to this website”

- Login credentials:

  Username: ncurguest
  Password: ncur2010

A map of wireless access points is available at www.umt.edu/it/wireless

Having problems? IT Central technology support services

social sciences 120 | M-F 8 a.m. - 5 p.m. | 243-HELP

The University of Montana
General Information

**CAMPUS STORES AND SERVICES**

**Information Tables:**
Information tables are staffed throughout the conference venues and are in the following locations:
NCUR® Registration, University Center, 3rd floor
- Education, lobby
- Gallagher, lobby
- Liberal Arts, lobby
- Music, lobby
- Performing Arts & Radio TV Center, lobby
- Skaggs, lobby
- Social Sciences, lobby

**The Mansfield Library:**
The Mike Mansfield Library will be open for your convenience during the conference. **Open Hours:**
- Wednesday 7:30am – 11:00pm
- Thursday 7:30am – 11:00pm
- Friday 7:30am – 7:30pm
- Saturday 10:30am – 7:30pm

**Computer Labs:**
Computer labs are located across campus and are available for all NCUR® participants during the conference. Labs are located in:
- Mansfield Library (Level 1)
- Mansfield Library, Student Resource Center (Level 2, Room 283)

**Campus Recreation:**
Located north of the Adams Center, The Student Recreation Center is furnished with state of the art exercise equipment and amenities. A conference badge is required for entrance to the facility. Please see front desk staff at the Student Recreation Center for information on what equipment and programs may be available for conference attendees.

**Water Stations:**
Clean Canteens have been provided to all NCUR® participants. Please refill your water bottle at water fountains in various buildings and at the water stations provided in the University Center, Gallagher Building, and Adams Center.

**Mailing and Shipping Services**
**On Campus:**
- UC Shipping Express (1st Floor)
- M-F: 9:00am to 5:00pm

**In town:**
- FedEx Office: (406) 728-2679
  130 West Broadway Street, Missoula
- UPS Store: (406) 542-3800
  400 West Broadway Street, Missoula

**Photocopying and Printing Services:**
- Campus Quick Copy (UC – 1st Floor)
- Mansfield Library (1st Floor)
**Additional Printing Services (off campus):**
- FedEx Shipping Center (406) 728-2679
- The UPS Store (406) 542-3800
- Denny’s Copy Stop (406) 728-3363

**ATMs:**
University Center (UC) has three ATM machines:
- Missoula Federal Credit Union (1st Floor)
- First Interstate Bank (1st Floor – outside doors at the north end)
- US Bank (2nd Floor – near the Commons)
- Emma Lommasson Center
- Missoula Federal Credit Union (1st Floor)
- Adams Center (1st Floor)

**Faculty and Administrator Lounge:**
The University Center, Alumni Boardroom (3rd Floor, Rm. 329) is reserved for faculty and administrators use during the conference. Please enjoy complimentary refreshments and relax between 8:00am – 4:00pm.

**Continental Breakfast:**
A free continental breakfast is available – a NCUR® name badge is required. **Open Hours:** 7:30am - 10:00am
- University Center – 3rd Floor Meeting Room Foyer (outside room 330)
- Gallagher Building – Lower Level, Central Lobby area next to the coffee operation
- Adams Center – Hall of Fame area outside Auxiliary Gym

**Lunches:**
Boxed lunches are served in the University Center South Ballroom (3rd Floor) and the Commons (2nd Floor):
- Thursday, April 15 from 12:00pm to 1:30pm
- Friday, April 16 from 11:20am to 1:00pm
- Saturday, April 17 from 12:50pm – 1:00pm
Vegetarian meals available for those who pre-ordered. Gluten-free meals are available form your server upon request. A NCUR® name badge is required to pick up lunch.

**The University Center**

**The Source – Information Desk:**
The Source is the source for nearly everything! The UC Source is an information desk that can assist with questions from ‘Where do I catch the bus?’ to ‘How do I find the Gallagher Building?’ It is also the home for Lost and Found, maps, directions and general help.

**Bookstore:**
The UC Bookstore offers two levels of scholarly textbooks, literature, books for fun, art /office supplies, computer/
General Information

software, cards, gifts and clothing bearing the Griz and The University of Montana logos.

**Open Hours:** M-F: 8am – 6pm; Sat. 10am – 6pm.

**UC Food Court:** (2nd Floor – University Center)
Alternative fare for the box lunches can be found UC Food Court. **Open Hours:** 9am – 4pm daily.
- Soups N Such
- Garden City Greens & Salads
- Mark Pi’s Chinese
- Eson Gib Sushi Bar
- Pizza Hut
- Casa Nina Mexican
- Doc’s Sandwich Shop
- Wing Street Chicken
- Sweets & Treats
- Beverage Bar

**UC Market:** (1st Floor)
A variety of food, espresso café and sundries are available.

**Open Hours:** M-F: 7am – 10pm; Sat. 9am – 6pm.

**Missoula Federal Credit Union:**
Banking service hours:  M-F: 9am – 5pm.

**Shear Perfection Salon:**
Shear hair-cuts, nails, tanning, waxing and massage.

**Open Hours:** M-F: 9am – 6pm; Sat. 10am – 3pm.

**Jus Chill’n:** (UC 2nd Floor)
Smoothies, Coffee & Turkey Melts – your choice!

**Open Hours:** M-F: 7am – 12pm; Sat. 9am – 12pm.

**UC Game Room:** (UC 2nd Floor)
There are 15 Pool Tables, Ping Pong, Foosball, Air Hockey and XBOX games are found in the UC Game Room, located in the UC (2nd Floor). **Open Hours:** M-F: 9am – 12 midnight; Sat: 12 noon – 12 midnight.

**Medical Care and Clinics:**
On-campus medical care is not provided.

**Emergencies:** Dial 911

**Costcare Family Practice Walk-in Clinic:**
(over the Footbridge in the Albertson’s Center)
1001 East Broadway Street
Missoula, MT 59802
(406) 721-5513

**Western Montana Clinic:**
**Now Care**
Located at St. Patrick’s Hospital
500 West Broadway
Missoula, Montana 59802
406.543.5600
Open Hours: M-F: 8:00am- 5:30pm
Closed: Saturday and Sunday

**Now Care**
Located at Southgate Mall
2901 Brooks Street
Missoula, Montana 59801
406.721.0918
Open Hours: 9am – 9pm Daily

**Community Hospital Medical Center**
2827 Fort Missoula Road
Missoula, Montana 59804
(406) 728-4100

**Local Pharmacies:**
**Eastgate Drug & Pharmacy** (inside Albertson’s)
1003 E. Broadway
(406) 549-6163
M-F: 8:30am – 9:00pm/Sat: 9am-6pm/Sun: 10am-5pm

**Safeway Food & Drug Store**
610 W. Broadway
(406) 721-6009
5:00am – 1:00am

**THINGS TO SEE AND DO IN MISSOULA**
Please see the Missoula Convention and Visitors Bureau pamphlet. Also, check out [www.missoulacvb.org](http://www.missoulacvb.org) for more information.

‘Top Ten’ Things to See and Do:

1. Hike the “M” on Mount Sentinel adjacent to the UM campus;
2. Take a walking tour of the UM campus;
3. Play Frisbee in the Oval;
4. Walk along the Kim Williams River Trail along the north edge of campus;
5. Visit the UM Bookstore to purchase Griz gear;
6. Grab a cup of ‘java’ at Food For Thought: a student favorite just off campus on Arthur Ave;
7. Walk through the university housing district; it’s historic!
8. Go swimming at the Grizzly Pool;
9. Attend the NCUR Plenary Sessions;
10. Walk to Downtown Missoula via the River Trail.

**Hiking Trails:**
The University of Montana campus is unique in its setting with hiking opportunities in several directions. There are excellent prospects for sighting wildlife along these trails and spring wildflowers should be beginning to open. If you hike, remember to take appropriate rain/cold gear as
the weather can change very rapidly without warning. The mountains often hide an approaching storm front. At all times, keep sharp eyes out for ‘ticks’ crawling on your hair, clothing and skin; April is prime ‘tick’ season. You should carry drinking water as the altitude and low humidity will rapidly dehydrate you. Off-trail hiking is discouraged since many mountain plant communities are fragile and subject to rapid erosion and noxious weed invasions when disturbed.

**Mount Sentinel “M” Trail:** The trial to the “M” begins from the parking lot east of the Heating Plant and the high rise Aber Hall dorm. It climbs 800 feet via a well maintained switch-back trail; this takes approximately 45 minutes to 1 hour round trip. Benches are provided at several intervals for good views while you recover your breath. The trail continues above the “M” for another 1200 feet to the summit of Mt. Sentinel. Hang gliding enthusiasts have a launch site at the summit. Round trip to the “M” is about an hour. A summit trip requires 2-3 hours.

**Greenough Park:** Missoula’s Greenough Park is a wooded riparian corridor noted for its bird watching potential. Entrance to the park is a short walk across the Van Buren Footbridge at the north end of campus. Proceed under the highway overpass, take a left on Poplar Street and go two blocks. Spring runoff should have Rattlesnake Creek providing plenty of water music in the background (1.5 hour round trip).

**Kim Williams Nature Trail:** This trail is a popular running path that starts at the north end of campus and follows the Clark Fork river into the Hellgate Canyon along the former railroad grade of the old Milwaukee Road’s Hiawatha Trail. It traverses a riparian community rich in bird life, muskrats and flowering shrubs. A trail up the back side of Mt. Sentinel is encountered about a mile up, opening up the potential for nice loop trip (30 minutes to 4 hours depending on route and distance).

**Clark Fork River Park Trail:** Walk past the Adams Center toward the Footbridge and take a left along the Clark Fork River Park Trail. A popular walking/running trail with several parks that tangent off the trail. Under the Madison Street bridge, there is a walking bridge to Caras Park and into downtown Missoula and beyond. Downtown hold the hand-carved Carousel for Missoula and a wealth of boutiques, gift shops and small restaurants. The walk round trip from campus to McCormick Park is approximately 2.8 to 3 miles.

**Rattlesnake National Recreation Area:** With the major trailhead only 4.5 miles north of Missoula, The U-shaped Rattlesnake basin is fed by more than fifty small creeks that begin as seeps from springs and melting snow-banks in the upper Wilderness portion of the NRA. Resting in the more than thirty high mountain lakes, crystal clear water then plunges down waterfalls to hanging valleys separated by sheer headwalls and carpets of sub-alpine fir, lodge-pole pine, and spruce sloping down to open Douglas fir and ponderosa pine parklands. Day use is by far the dominant form of recreation, largely due to a rapid increase in use by joggers and mountain bikers up both the main Rattlesnake Creek and Spring Gulch.

**Directions:** Take the Van Buren Street Exit off I-90 on the east end of Missoula and go 4.5 miles north on Rattlesnake Drive to the main parking area and jumping-off point on the west side of Rattlesnake Creek. The main trailhead has handicapped access toilets and another one 1.5 miles up the main corridor.

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**Several members of the media will be attending NCUR and they may ask to interview, record, or photograph you. If you are comfortable, we invite you to share your experience. You are not obligated, however, so please feel free to decline the opportunity. Any authorized member of the media will be wearing a pass, as shown.**

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**MEDIA PASS**

This pass grants you entrance to all NCUR® presentations and events. Before interviewing presenters, speakers, attendees, or conference organizers, please present this pass.

For additional information about NCUR®, please contact Professor Garon Smith
garon.smith@umontana.edu
.umt.edu/ncur2010
Transportation Information

Conference Shuttle Buses
AIRPORT / HOTEL SERVICE
Provided by Beach Transportation

Missoula Airport to Hotels
Participants should use their hotel shuttle service to and from the hotel to the airport wherever possible. Buses will be provided from the Missoula Airport to hotels on Wednesday, April 14 and Thursday, April 15, and will load to leave the Missoula Airport at the following intervals:
- 9:30 am, 11:30 am, 12:30 pm, 1:30 pm, 4:30 pm, 6:00 pm, 7:30 pm, 9:30 pm, and 11:30 pm.

UM Campus to Missoula Airport – Saturday Only
Buses will be provided from campus to the Missoula Airport on Saturday only, and will load to leave from the Prescott House bus stop (located on Campus Drive near Lot U) at the following intervals:
- 1:00 pm, 3:00 pm, and 5:00 pm.

Saturday Luggage Check-In
Participants who have checked out of their hotels to attend the conference on Saturday may check their baggage in the Continuing Education Building, (James E. Todd Building) starting at 7:30 am on Saturday, and must pick up their luggage on Saturday by 5:00 pm.

Hotels to the Missoula Airport – Sunday Only – Must sign up for service
Participants should use their hotel shuttle service where possible. A sufficient number of participants is required to operate bus shuttle service from hotels to the Missoula Airport on Sunday. Sign up for Sunday bus service at the Transportation Information table at NCUR Registration, University Center, 3rd floor no later than noon on Friday, April 16. The availability of Sunday bus service from hotels to the Missoula Airport will be posted at the Transportation Information table at NCUR Registration by 2:00 on Friday, April 16.

Conference Shuttle Buses
UM CAMPUS / HOTEL SERVICE
Provided by Beach Transportation

Bus shuttle service will be provided from hotels to campus for early registration on Wednesday, April 14 (see times of operation below). Shuttle buses will carry participants from hotels to campus and back on 30-45 minute intervals. Schedules are available at hotels and at the Transportation Information table at NCUR Registration, University Center, 3rd floor.

Hotel bus routes are color-keyed and are anticipated to run every 30 – 45 minutes, depending on the route. When presenting, you are encouraged to use earlier shuttle buses to ensure ample time for travel and set-up.

Times of operation:
- Wednesday, April 14th 3:30pm – 10pm
- Thursday, April 15th 6:30am – 10pm
- Friday, April 16th 6:30am – 10pm
- Saturday, April 17th 6:30am – 2pm

Shuttle bus routes are color-keyed for ease in boarding the correct shuttle to your hotel:

White Route = Express Way
- Hawthorne Suites
- Staybridge Suites
- Wingate by Wyndham

Red Route = Reserve Street 1
- Best Western Grant Creek Inn
- C’Mon Inn Hotel
- Motel 6 Missoula #4034
- Econo Lodge
- Hampton Inn
- La Quinta
- Ruby’s Inn

Yellow Route = Reserve Street 2
- Super 8 Motel – north
- Comfort Inn
- Courtyard by Marriott
- Hilton Garden Inn
- Mountain Valley Inn
- City Lodge Value Stay Motel
- Broadway Inn

Green Route = Downtown Area
- Motel 6 Missoula University
- Campus Inn
- Doubletree Hotel
- Ponderosa Lodge
- Holiday Inn Express
- Thunderbird Motel
- Holiday Inn – Downtown at the Park

Blue Route = Brooks Street
- Brooks Street Motor Inn
- Quality Inn
- Southgate Inn
- Super 8 Motel - Brooks

Shuttle Bus Drop off/Pick up:
The campus drop off and pick up location is located on Campus Drive at the Prescott House bus stop, which is located on Campus Drive near Lot U with the exception of the Thursday evening Plenary 2 and Performance.
Plenary Session 2 & Kyi-Yo Pow Wow Event Shuttle Service:
*Thursday evening shuttle bus services drop-off on campus will commence at 5:30pm in front of the Music building for Plenary 2 and evening performance. The evening shuttle bus service will load to leave in front of the Music building at 10:00 pm. This is the last bus to hotels for the evening. *Friday evening shuttle bus services will load to leave at 10:00pm after the Kyi-Yo Pow Wow from the Prescott House bus stop to the hotels. This is the last bus to hotels for the evening.

Saturday Excursion Shuttle Buses:
Excursion shuttle buses will pick up and depart from the Prescott House bus stop, which is located on Campus Drive near Lot U.

Upon returning to UM from the Saturday excursions, please use regularly scheduled shuttle buses for transportation to your hotels.

Transportation In and Around Missoula

Airport Shuttler: (406) 543-9416
The Airport Shuttler provides service between Missoula and passenger-specified locations. Door-to-door vans may make multiple stops, which will depend on the passenger numbers. Always on Time! Smoke Free and Spotless.

From the Airport: Passengers are advised to make reservations for service. The Airport Shuttler picks up on the main level from terminal road.

To the Airport: Advanced reservations are required. Please contact the Airport Shuttler; providing door-to-door vans drop-off on the main level of the passenger terminal.

Taxi Services:
The Green Taxi: (406) 728-TAXI
$5.00 1st Passenger pick-up charge
$3.00 2nd passenger charge
$0.25 1/10 mile or $2.50 per mile
Exclusive HYBRID vehicle taxi service.

Yellow Cab: (406) 543-6644
Rates from Missoula International Airport average $15 to $20 to destinations located near the Missoula metro area; after that, it is $2.00 per mile.

The Mountain Line: (406) 721-3333
Missoula Urban Transportation District. Schedules are available at the NCUR® Transportation Information table in the University Center; these are also available online: www.mountainline.com
PUBLIC BUSES: The Mountain Line buses are free with your conference badge!

HOTEL LISTINGS

Econo Lodge  4953 North Reserve Street • 406.542.7550
Best Western Grant Creek Inn  5280 Grant Creek Road
406.543.0700 • 1.800.780.7234
Broadway Inn  1609 West Broadway • 406.532.3300 • 1.406.532.3300
Brooks Street Motor Inn  3333 Brooks Street • 406.549.5115
C’mon Inn Hotel  2775 Expo Parkway • 406.543.4600
1.888.989.5569
Campus Inn  744 E. Broadway • 406.549.5134 • 1.800.232.8013
Citi Lodge Value Stay Motel  1135 W. Broadway • 406.549.4771
Comfort Inn  4545 N. Reserve St. • 406.542.0888
Courtyard by Marriott  4559 North Reserve Street • 406.549.5260
Motel 6 Missoula-University  650 E. Broadway • 406.549.2387
Doubletree Hotel  100 Madison • 406.728.3100
Hampton Inn  4805 N. Reserve • 406.549.1800
Hawthorne Suites  5145 Airway Blvd. • 406.541.3600
Hilton Garden Inn  3720 North Reserve St. • 406.532.5300
Holiday Inn Express  1021 East Broadway • 406.549.7600
1.877.863.4780
Holiday Inn - Downtown at the Park  200 South Pattee Street
406.721.8550
La Quinta  5059 N. Reserve Street • 406.549.9000
Motel 6 Missoula  3035 Expo Parkway • 406.549.6665
Mountain Valley Inn  420 West Broadway • 1.800.249.9174
Ponderosa Lodge  800 E. Broadway • 406.543.3102 • 1.877.543.3102
Quality Inn  3803 Brooks • 406.251.2665
Ruby’s Inn  4825 North Reserve • 406.721.0990 • 1.800.221.2057
Southgate Inn  3530 Brooks • 406.251.2250
Staybridge Suites  120 Expressway • 406.830.3900
Super 8 Motel  4703 North Reserve • 406.549.1199
Super 8 Motel  3901 S. Brooks Street • 406.251.2255
Thunderbird Motel  1009 E. Broadway • 406.543.7251
Wingate by Wyndham  5252 Airway Boulevard • 406.541.8000
**Oral Presentations**

Oral presentations are 15 minutes in length with five additional minutes allotted to each presenter for questions. This schedule is strictly enforced.

1. Oral presentations are held in technology classrooms, which contain a Windows PC that projects onto a large screen. Each PC is configured with Windows XP and Microsoft Office 2007 including Word, Excel and PowerPoint.

2. Presenters must use the PC provided.

3. Presenters must bring any digital presentation materials on a USB flash drive and/or CD/DVD. No other documents should be on the flash drive and/or CD/DVD. It is strongly recommended that presenters bring a backup of their digital presentation materials on a USB flash drive, CD/DVD, or overhead transparencies, in case their primary digital memory device does not work.

4. All classrooms are equipped with an overhead projector.

5. The recommended format for presentations is Microsoft PowerPoint 2007 (.ppt), although files saved in older versions of PowerPoint should be compatible.

6. Each classroom has a DVD/VHS player that projects onto a large screen.

7. If there are any technical difficulties during the presentation, please inform the moderator who will contact the technical support team.

8. Computer labs are available for presenters to review their presentations prior to their session. Please see the Program book for lab locations.

9. Presenters should arrive at their classroom prior to the start of each session to ensure that their USB flash drive and/or CD/DVD opens properly in the PC provided.

**Visual Arts Presentations - Display Only**

1. Visual arts presentations occur in the University Center Art Gallery.

2. The visual arts presentation rooms have the same AV equipment as Oral Presentation rooms.

3. Visual arts presenters may exhibit their work in the University Center Art Gallery. Presenters will have at least three (3) linear feet of wall space or at least three (3) square feet of floor space (for 3-dimensional art) available for their gallery exhibit.

4. Presenters may display one to three pieces of artwork, depending on size.

5. Artwork may be commercially shipped or hand-delivered.

6. Commercially shipped artwork must be received between April 1 - April 12, 2010.

7. Hand-delivered artwork must be delivered to the University Center Art Gallery between 10:00am - 4:00pm on Wednesday, April 14th.

8. Presenters can receive assistance in delivering their artwork to the gallery by notifying the NCUR staff in the registration area located in the University Center ballroom, 3rd floor of the University Center.

**Poster Presentations**

1. Poster presentations are displays on poster boards and must be prepared in advance. They may not include exhibits of models, devices or computer programs.

2. Each presenter is provided with one side of a freestanding display board measuring 40“h x 46”w.

3. The presenter must provide Velcro to attach materials to the display board, along with any other supplies.

4. Presenters must be available to discuss their displays during their assigned session.

5. Posters must be readable from at least three feet away.

6. The presentation title must be at least two inches high. Beneath the title, the name(s) of the student author(s), faculty advisor and school or institution must be at least one inch high.

7. NCUR® reserves the right to cancel a presenter’s poster session if the above requirements are not met.

**Artwork and Shipping Instructions**

1. Presenters are responsible for the packing, shipment, or delivery of their artwork to NCUR 2010, and any associated costs.

2. If shipping work accepted for presentation, shipment must be shipped via UPS to: Samantha Guenthner, University Center Art Gallery Room 232, The University of Montana, Missoula, MT 59812

3. For ease in unpacking, do not use wooden crates unless Phillips head screws are used. Please do not use Styrofoam peanuts; use only bubble wrap or Styrofoam sheets for packing.

4. If presenters ship multiple cartons, label cartons 1 of 4, 2 of 4, 3 of 4, etc.

5. Work accepted in the visual arts must be shipped in a reusable container (maximum dimensions: 165” total length and girth and maximum weight of 150 pounds).
6. Oil and acrylic paintings must be mounted on stretchers and framed when possible. Drawings, photographs, and prints must also be framed, but only with Plexiglas. Do not ship any artwork framed with glass.

- All hanging hardware must be in place on the artwork. Do not use eZ ready made or poster frames on artworks. Use standard metal moldings with snap, screw, or euro hangers with spring clips and wire for hanging or standard wood moldings with screw eyes and wire for hanging.

- Identification tags must be attached to the back of each artwork with the following information: presenter’s name, address, phone number and the title of the artwork. Presenters with multiple artworks must indicate entry #1 of 3, #2 of 3, #3 of 3, etc., both on the identification tag and the shipping carton.

- Any special installation instructions or hardware must be included with the artwork in the shipping carton.

- Only installation-approved hardware will be used: the gallery will supply needle nose nails, hangers, and screws (not to exceed #8 with split back plastic anchors).

7. Presenters are responsible for the unpacking and assembling of their own art pieces. Art Gallery staff will work with students for placement and installation. Placement and installation will take place at the University Center Art Gallery on Wednesday, April 14 at 4:00 p.m.

8. All accepted NCUR® artwork must remain on display until 12:00 noon, Saturday, April 17. Artwork must be retrieved between 12:00 noon and 2:00 p.m. on Saturday, April 17 from the gallery where it is on display. Presenters are responsible for repacking their artwork, preparing their package for shipping, and payment for return shipping. An Art Gallery staff person will be present in the gallery to assist with repacking.

9. We strongly suggest that presenters insure their shipment because NCUR® and UM are not responsible for any damages in the shipment of items to and from the NCUR® 2010 Conference and while on display in the gallery.

10. A prepaid shipping label from UPS is required to ship returning artwork and other items back. Shipments with prepaid UPS labels are shipped from the University Center Art Gallery on Monday, April 19.

Performing Arts-Music, Dance and Theatre

Music, dance and theatre performing arts presentations occur in the following locations:

MUSIC PRESENTATIONS: Music Recital Hall

1. Music participants may perform up to 15 minutes with five additional minutes allotted for questions. Performances may be in one of the following categories:
   a. Original composition
   b. Performance that focuses on a specific musical period, genre, or composer
   c. Arranging
   d. Lecture recital
   e. Research and/or analysis

Playback resources available during presentation are audio cassette/CD. For categories A, B and C, students must provide a full score (or significant portion of a score if work is in progress) plus a cassette or CD cued to the performance. For category D, students must provide a cassette tape or CD cued to the performance. For categories E and F, students should follow the standard NCUR® format. Name, School, address, phone number, composer and musical instrument of piece must be attached to all submitted materials.

DANCE PRESENTATIONS: Performing Arts & Radio/TV Center, Open Space

1. Performances may be up to 15 minutes in length with five additional minutes allotted for questions.

2. Students must provide a cassette tape or CD cued to the performance.

3. A Clavinova is available as audio playback on CD or cassette.

Theatre Presentations: Masquer Theatre

1. Participants may present monologues or scenes (up to five actors).

2. Performances may be up to 15 minutes in length with five additional minutes allotted for questions.

3. A Clavinova is available as well as audio playback on CD or cassette.

Professional Courtesy

NCUR offers an opportunity for participants to observe, learn and practice professional etiquette common to all disciplines. Presenters should remain in the room until all presentations in their sessions are complete. The other presentations may offer new insights, and all presenters deserve the same audience and respect. Spectators to sessions should enter and exit oral and performing arts session rooms between (not during) presentations.
One benefit of presenting at NCUR® is the opportunity for students to publish their work in the conference Proceedings, produced annually by the University of North Carolina at Asheville and distributed to institutions across the nation. All student presenters at the conference (including students in the performing/visual arts) are invited to submit manuscripts for review by the Proceedings Board.

Submitting work to the Proceedings has many advantages, two of which are deemed especially important:

1. The opportunity to receive comments from faculty outside your college or university, thereby enhancing the paper for submission to other sources in your field
2. The opportunity to list your publication on your resume for graduate and professional school applications

Paper Submission Dates and Fee Schedule:

Electronic Paper Submission: January 25 - March 1, 2010
NEW: To avoid the late fee. Papers to be considered for the Conference Proceedings must be sent electronically. January 25, 2010 - March 1, 2010 midnight. No fee is required.

Electronic Paper Submission with late fee: March 2 - April 14, 2010
Late fee: Papers submitted electronically March 2 - April 14, 2010 will require a $15.00 processing fee.

Electronic Paper Submission at the Conference: April 15 - 17, 2010
Paper Submissions at the Conference: Papers must be submitted electronically. The processing fee is $15.00.

Electronic Paper Submission after the Conference: April 17 - May 16, 2010
Electronic paper submissions will be accepted on from April 17 - May 16, 2010. Papers will be reviewed after the conference. The processing fee is $25.00.

Electronic Paper Submission after May 16, 2010
Any paper received after May 17, 2010 - there will be no guarantee that your paper will be published in that year’s Proceedings. If your paper is accepted for publication it will be processed for the following year. The processing fee is $50.00

Ordering a copy of the NCUR® 2010 Proceedings:

Registered Students access to NCUR® 2010 E-Proceedings $ 00.00
Registered Students access to NCUR® 2010 E-Proceedings and CD $ 7.50
Students Not Registered access to NCUR® 2010 E-Proceedings $ 10.00
Students Not Registered access to NCUR® 2010 E-Proceedings $ 17.50
Faculty attending access to NCUR® 2010 E-Proceedings $ 15.00
Faculty attending access to NCUR® 2010 E-Proceedings and CD $ 25.00
Institutions access to NCUR® 2010 E-Proceedings $ 30.00
Institutions access to NCUR® 2010 E-Proceedings and CD $ 50.00
Post Conference Price begins May 3, 2010 access to NCUR® 2010 E-Proceedings and CD $ 55.00
Standing Orders access to NCUR® 2010 E-Proceedings and CD $ 30.00

Publication release date will be approximately November 15, 2010.

Primary authors will receive a copy of the Proceedings without additional charge. Please direct questions to Associate Editor Mila Lemaster at the Proceedings Office, 828.251.6122, or mlemaste@unca.edu.

For complete instructions on how to submit your paper, including a checklist and submission form, please consult this Web site: www.unca.edu/ncur-proc/submissionform.html.

Formatting instructions for your paper may be found at: www.unca.edu/ncur-proc/Abstract.html.
**ACTIVITIES  Friday, April 16th**

**Western BBQ Buffet - Montana Style!**  Friday, April 16th, 2010  5:00 – 7:00pm  University Center Ballroom and Commons. Before heading over to our big event - the Kyi-Yo Pow Wow - join us for a delicious meal served Montana style. Participants must show conference badge with pre-paid sticker attached. Regular meal or vegetarian option are $18.00.

**Kyi-Yo Pow Wow**  Friday, April 16th  7:00 – 9:00pm  • University Center Ballroom and Commons.  Participants must show NCUR® badge for admission

Pow Wows are celebrations, social gatherings and friendly dance competitions. But, as with the sacred thread that runs through all of life, there are sacred traditions to be found in this coming together of people. Everyone is welcome at most contest powwows, regardless of tribe - non-Indians too. For newcomers to these colorful events, a bit of explanation may enhance the enjoyment and understanding. All cultures have certain behavior expectations which demonstrate respect. There are appropriate ways to behave at a powwow that demonstrate respect for American Indian traditions. These behaviors are reviewed and discussed to educate and prepare students on how to take a respectful place within the powwow circle. This lesson addresses a value central to a culturally diverse, democratic society: respect for heritage and tradition.

A Pow Wow is a Native American gathering that was originated to bring many tribal members together in peace and harmony, and to this day this tradition has continued. The tribal members congregate to show support for one another as well as display traditional wares and dance. For many years, Pow Wows were closed off to the public for various reasons, but now the American Indians welcome anyone who has a true interest in the culture and fellowship. Pow Wows are a great source of learning about Native American culture, and most tribes encourage the public to come.

**Pow Wow Etiquette**

Before attending a Pow Wow, there are several things you should know; there are rules of etiquette that should be followed:

- When the eagle staff is brought in during the grand entry, everyone stands. Hats are removed in respect. That same respect is shown should an eagle feather fall during the dancing. Everything must stop until a proper returning of the feather has been performed.
- Pointing with a finger, particularly the index finger, is considered impolite. It’s best to indicate a person or direction by pursing the lips and pointing with the eyes or to nod in the direction. For the Lakota, indicating with a thumb or little finger, while not preferred, would still be more polite than the index finger, but never toward a person.
- Do not bother the performers or stand in front of those preparing to dance or those singing.
- As with most events involving competition and concentration, camera flashes can be distracting. Photos may be taken, but don’t use the flash during the contest. And ask permission before snapping an individual’s photograph outside the dancing, for this is private time. Some powwows are more restrictive than others in terms of photographing the event. Videotaping is often strongly discouraged.
- Don’t touch any regalia (outfits, NEVER costumes). Ornaments have special meanings and many of the handmade outfits, which can cost thousands of dollars, are cherished and sometimes are made by a respected family member. Frequently they are heirlooms and may be delicate.
- Feel free to join in the inter-tribal dances by invitation of the master of ceremonies. As with the grass dance, other dances have traditions or legends connected with them.
- Dances are either for men or women and competitions generally are divided into age categories.
- Bring your own seating unless you are sure ahead of time that seating will be provided for the general public.
- If you have a question, or are unsure of how to act in a particular situation, first look at those around you, and then politely ask what the correct course of action is. The participants are usually glad to help.
- Photographers are encouraged to ask permission before taking pictures or recording songs.
- Please pick up trash and do not leave items unattended.
- When the Flag Song or Indian National Anthem is sung please stand and remove hats.
- Please stand during honor songs until the sponsors of the dance have danced a complete circle and have come around again, and then you may join in. If you are not dancing please continue to stand quietly until the song is completed.
- Everyone may dance during intertribal and round dances. Dance regalia is not needed.
- Absolutely no alcohol or drugs is permitted. Anyone found drinking or intoxicated will be removed immediately from the premises.
- The Kyi-Yo Celebration is a non-profit, student sponsored event. We appreciate your support in joining us for celebration.
- Have fun and thank you for attending!

*Kyi-Yo Native American Student Association*

The University of Montana  •  600 University Avenue
Missoula, MT 59812
EXCURSIONS/FIELD TRIPS  Saturday, April 17th

Please note that all activities/excursions require pre-registration, and an excursion sticker on your lanyard is required to attend. The Information Table in UC Ballroom will have information regarding last-minute availability.

On Saturday, April 17th, there will be four excursions to choose from during the afternoon:

The People’s Center  “Encounter the Past. Ensure the Future.” Located in Pablo, Montana. 1:00 - 6:30 pm/$25: includes lunch to-go, beverage, transportation and tour guides. The People’s Center is the place to experience the rich cultural heritage of the Salish, Pend d’Oreille and Kootenai tribes. The traditions and culture of these tribes have been passed orally from generation to generation since time began. We invite you to explore the artifacts and exhibits, and to hear the stories of their people in their own voices. We also invite you to participate in their cultural activities, celebrations, known as pow-wows, and other events reflecting the Tribes. The People’s Center perpetuates this rich heritage, through our tradition of oral history, and by creating opportunities of exchange between tribal elders, youth and the public. Through education, they hope to dispel myths and stereotyping of Native Americans and create better understanding between all peoples.

Lee Metcalf National Wildlife Refuge 1:30 - 6:30 pm/$20: includes lunch to-go, beverage, and transportation. The Refuge provides visitors opportunities for wildlife observation, photography, environmental education and interpretation. There are 2 1/2 miles of nature trails in the Refuge’s Wildlife Viewing Area. Located along the meandering Bitterroot River and surrounded by majestic towering mountains, the Lee Metcalf National Wildlife Refuge offers spectacular viewing opportunities of the landscape and wildlife. The Refuge’s location in the scenic and historic Bitterroot Valley of western Montana provides a haven for wildlife.

The National Bison Range Wildlife Refuge 1:30 - 6:30 pm/$20: includes lunch to-go, beverage, and transportation. Administered by the U.S. Fish and Wildlife Service as part of the National Wildlife Refuge System. It was established in 1908 and is one of the oldest Wildlife Refuges in the nation. Located north of Missoula on Highway 93.

A large portion of the 18,500 acre Range consists of native Palouse prairie; forests, wetlands, and streams are also found here providing a wide range of habitats for wildlife. Elk, deer, pronghorn, black bear, coyote and ground squirrels are just some of the mammals that share the area with 350 to 500 bison. Over 200 species of birds also call this home including eagles, hawks, meadowlarks, bluebirds, ducks, and geese.

Smokejumper Center and Fire Lab 1:30 - 5:00 pm/$15: includes lunch to-go, beverage, transportation and tour guide. Located at the Rocky Mountain Research Station in Missoula, Montana. The Smokejumper Visitor Center has the largest active smokejumper base and controlled burn chamber in the nation. The Smokejumper Visitor Center is a unique opportunity to learn about this unusual, demanding and dramatic occupation. The Missoula Fire Lab conducts state of the art research on fire behavior, fire effects and smoke dispersion. A tour of the facility is also available. As you walk through the center you will visit the National Smokejumper Memorial, go inside a replica of a 1930’s lookout tower, and a tour of the smokejumper loft; where the smokejumpers prepare for fighting fires.
NCUR® Graduate & Professional School Fair:
Thinking about pursuing an advanced degree? NCUR® provides a rare opportunity for you to learn about and meet representatives from graduate and professional schools across the country.
• April 15 and 16 (Thursday and Friday)
• 8:30am – 4:00pm
• Adams Center – Auxiliary Gyms

Applying to Graduate Schools:
Admission to graduate school is highly competitive process. This informational session will provide tips for prospective graduate students as they search for the right graduate program, complete the application process and participate in the interview/selection process. Guy Berst, Medical College of Wisconsin, will share his insights about what graduate schools are looking for when selecting successful candidates for their programs.
• Thursday, April 15th 12:15 – 1:15pm
• Friday, April 16th 11:45 – 12:45pm
• UC Theater (3rd Floor)

NCUR® Roundtable:
To Publish or Not to Publish: Issues Facing Undergraduate Research Journals
Publishing: It’s on every undergraduate researcher’s mind when she or he begins work. As undergraduates doing work in the humanities and social sciences, however, there are often insurmountable obstacles to publication in major journals. Providing an outlet to publish for these dedicated researchers in the form of undergraduate research journals is vital to promoting a culture of undergraduate inquiry. Yet many issues face undergraduate research publications, from problems locating funding to the difficulty of maintaining high standards of scholarship. This roundtable seeks to engage the editors and staff members of undergraduate research journals to address these concerns and more, in addition to exploring creative solutions to solve them.
• Friday, April 16th 2010
• 11:45pm – 12:45pm
• University Center 332

Undergraduate Research Summit:
Join faculty, staff and NCUR® attendees interested in advancing undergraduate research, scholarship and creative activity. This year’s session, led by Ron Dotterer, will focus on the new undergraduate research organization that will likely result from the ongoing CUR®/NCUR® collaboration discussions.
• Friday, April 16th 2010
• Breakfast: 7:30am – 8:30am
• University Center 333 (3rd Floor)
Wm. David Burns is the founder and principal investigator of SENCER, a National Science Foundation-supported national curriculum dissemination project that has transformed undergraduate STEM (science, technology, engineering and mathematics) education on hundreds of campuses both in the United States and with international partners in Africa, Latin America and Central Asia. Its objective is to frame undergraduate STEM courses around looming issues of social consequence. It links the science and mathematics content of courses to their social, political and economic consequences. Burns is also executive director of the National Center for Science and Civic Engagement and professor of general studies at the Harrisburg University of Science and Technology. Prior to establishing the National Center, Burns served as senior policy director for the Association of American Colleges and Universities. During his nine years with AAC&U, he established the Centers for Disease Control-sponsored Program for Health and Higher Education and created the Sumner Symposia dedicated to exploring the power that students have to improve the health of colleges and communities. He is the principal author and editor of Learning for Our Common Health and, among other publications, the article, “Knowledge to Make Our Democracy.” David Burns and SENCER co-PI Karen Oates, received the 2008 Bruce Alberts Award for Excellence in Science Education at the annual meeting of the American Society for Cell Biology “in recognition of the tremendous impact of their innovative program, SENCER.” Among Burns’ community activities he serves as president of the Boaz Community Corporation, a community development corporation focused on immigration and is a member of the Governor’s Committee on Juvenile Justice and Delinquency Prevention in New Jersey. In 1994, Burns was appointed adjunct assistant professor, Department of Environmental and Community Medicine, Robert Wood Johnson Medical School, University of Medicine and Dentistry of New Jersey, Piscataway, New Jersey. He has served as principal investigator on grants and awards totaling more than $12 million.

Of Navajo-Ute heritage, R. Carlos Nakai is the world’s premier performer of the Native American flute. He began his musical studies on the trumpet, but a car accident ruined his embouchure. His musical interests took a turn when he was given a traditional cedar flute as a gift and challenged to master it. As an artist, he is an adventurer and risk taker, always giving his musical imagination free rein. Nakai is also an iconoclastic traditionalist who views his cultural heritage not only as a source and inspiration, but also a dynamic continuum of natural change, growth, and adaptation subject to the artist’s expressive needs. Nakai’s first album, Changes, was released by Canyon Records in 1983, and since then he has released over thirty-five albums with Canyon plus additional albums and guest appearances on other labels. Nakai, while cognizant of the traditional use of the flute as a solo instrument, began finding new settings for it, especially in the genres of jazz and classical. In a cross-cultural foray, Nakai performed extensively with the Wind Travelin’ Band, a traditional Japanese ensemble from Kyoto which resulted in an album, Island of Bows. Additional recordings with ethnic artists include In A Distant Place with Tibetan flutist and chanter Nawang Khechog, and Our Beloved Land with famed Hawaiian slack key guitarist and singer Keola Beamer. Recently, Nakai released Voyagers with Philadelphia Orchestra cellist Udi Bar-David which blends Native American melodies with Jewish and Arabic songs. Nakai has received two gold records (500,000 units sold) for Canyon Trilogy and Earth Spirit which are the first (and only) Native American recordings to earn this recognition. He has sold over four million albums in the course of his career. A Navy veteran, Nakai earned a Master’s Degree in American Indian Studies from the University of Arizona. He was awarded the Arizona Governor’s Arts Award in 1992, and an honorary doctorate from Northern Arizona University in 1994. In 2005 Nakai was inducted into the Arizona Music & Entertainment Hall of Fame. Nakai has also authored a book with composer James DeMars, The Art of the Native American Flute, which is a guide to performing the traditional cedar flute.
“Research is getting progressively more challenging and complicated; the easy questions have been answered. It is becoming ever more important to start exploring your discipline of choice even while still an undergraduate.”

- Dr. Steven Running

Steven W. Running received a Ph.D. (1979) in Forest Ecology from Colorado State University. He has been with The University of Montana, Missoula since 1979, where he is a University Regents Professor of Ecology. His primary research interest is the development of global and regional ecosystem biogeochemical models integrating remote sensing with bioclimatology and terrestrial ecology. He is a Team Member for the NASA Earth Observing System, Moderate Resolution Imaging Spectroradiometer, and he is responsible for the EOS global terrestrial net primary production and evapotranspiration datasets. He has published over 240 scientific articles and two books. Dr. Running has recently served on the standing Committee for Earth Studies of the National Research Council and on the federal Interagency Carbon Cycle Science Committee. He recently has served as a Co-Chair of the National Center for Atmospheric Research Community Climate System Model Land Working Group, a Member of the International Geosphere-Biosphere Program Executive Committee, and the World Climate Research Program, Global Terrestrial Observing System. He currently serves on the advisory NASA Earth Science Subcommittee, and the NOAA Science Advisory Board Climate Working Group. Dr. Running shared the Nobel Peace Prize in 2007 as a chapter Lead Author for the 4th Assessment of the Intergovernmental Panel on Climate Change. Dr. Running is an elected Fellow of the American Geophysical Union and is designated a Highly Cited Researcher by the Institute for Scientific Information. In the popular press, his essay in 2007, “The 5 Stages of Climate Grief” has been widely quoted.

Henriette Löwisch is an international journalist who has worked across continents and media. After serving as the 2006 Pollner Professor, she returned to Missoula in 2009, to join the J-School’s full-time faculty and direct its graduate program. Löwisch started out in journalism as a reporter for her hometown paper in the Black Forest. She was a freelance writer for a German women’s magazine and an assistant news producer for Austrian television, before joining Agence France-Presse (AFP), the international wire service, in 1992. At AFP, she served as copy editor, foreign editor, foreign correspondent in Brussels and Washington, editor-in-chief of the German Service, and senior editor in charge of training. She received her professional training at Deutsche Journalistenschule in Munich, and earned her graduate diploma at Ludwigs-Maximilians-Universitaet in Munich, with a thesis on U.S. network television coverage of the fall of the Berlin Wall. Global relations have been at the focus of her work. She has written and taught in Europe and the United States; is fluent in French and German; and reads Spanish, Dutch and Swahili. As Pollner Professor, she conducted a seminar in foreign correspondence and lectured on the image of the United States in the world. She also advised the Montana Kaimin, popularizing rare German expressions for journalists, such as “eierlegende Wollmilchsau”. Löwisch is the author of the German edition of Journalism for Dummies.
FAN Sessions (Faculty and Administrator Network)

FAN Session 1

1.01  University Center 326  
12:15-1:15 p.m.  The SENCER Project: Making Course Content Immediately Relevant Through Civic Engagement  
Wm. David Burns  National Center for Science and Civic Engagement

1.02  University Center 327  
12:15-12:45 p.m.  Funding Opportunities at the NSF for Faculty at Predominantly Undergraduate Institutions  
Bert Holmes, John Mateja  University of North Carolina, Asheville and Murray State University

12:45-1:15 p.m.  SURSCA enters the 21st century by utilizing “Facebook” as a contact tool and peer-reviewed grants to build the UWRF UG research culture  
William Campbell, Ashley Graef, Felicia Colbeth, Tim Morris, Sam Lifton, Robert Gordon, Paul Casper, Cheng-chen Huang, Tim Lyden  University of Wisconsin-River Falls

1.03  University Center 330  
12:15-12:45 p.m.  Assessing Creative Writing as Research  
Sharon Cumberland  Seattle University

12:45-1:15 p.m.  Nurses at War: Engaging Undergraduate Student Nurses in Oral History  
Patricia Rushton  Brigham Young University

1.04  University Center 331  
12:15-12:45 p.m.  Entrepreneurs + Computer Science + Art/Design + Marketing = Learning cognitive skills of the 21st century  
Nancy Mata  Millersville University

12:45-1:15 p.m.  The Opinions and Attitudes of Business Students about the Value of taking Liberal Arts Courses  
Ethan Christensen  University of Wisconsin-Superior

1.05  University Center 332  
2:15-12:45 p.m.  Empower the Undergraduate: Engaging Students in Research in the Performing Arts  
Jennifer Snodgrass, Reeves Shulstad  Appalachian State University

2:45-1:15 p.m.  Implementation of Playful Design Methodology  
Lori Shyba  Montana Tech of The University of Montana
FAN Session 2

2.01 University Center 326

11:40 a.m.-12:10 p.m.  Tips on How to Write a Better NSF Proposal to Support Research of Education at a PUI
John Mateja, Bert Holmes
Murray State University and University of North Carolina, Asheville

2.02 University Center 327

11:40 a.m.-12:10 p.m.  Can Publishable Research Results Be Produced in Effective Undergraduate Chemistry Labs? Evaluation of a Project Format in the Advanced Inorganic Chemistry Lab at Southwestern Oklahoma State University
Timothy Hubin  Southwestern Oklahoma State University

12:10-12:40 p.m.  Enriching the Undergraduate Biomedical Science Research Curriculum
Fiona Redway  Barry University

2.03 University Center 330

11:40 a.m.-12:10 p.m.  Community service work, civic engagement and giving back to society: Key factors in improving interethnic relationships
August Hoffman  University of Wisconsin-River Falls

2:10-12:40 p.m.  Engaging Undergraduate Students through multidisciplinary International Field Experiences: A case study of SRU’s Bahamas Program
Tamra Schiappa  Slippery Rock University of Pennsylvania

2.04 University Center 331

11:40 a.m.-12:10 p.m.  Programmatic Improvement through the Practice of Benchmarking: A Case Example
Kristen Skogerboe  Seattle University

12:10-12:40 p.m.  Inquiry Teaching and Undergraduate Research – Are They Really Just Two Sides of the Same Coin?
Kerry Cheesman  Capital University
### Oral Session Program Overview

#### Thursday

**Oral Session 1**
8:40 - 10:00 am

**STEM Fields (Science, Technology, Math and Engineering)**

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**Social Sciences and Humanities**

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#### Thursday

**Oral Session 2**
1:30 - 2:50 pm

**STEM Fields (Science, Technology, Math and Engineering)**

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<th>Thursday Oral Session 1</th>
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<tr>
<td></td>
<td>8:40 - 10:00 am</td>
<td>1:30 - 2:50 pm</td>
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**Fine Arts**

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<td>Studio Art</td>
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**Business**

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**Interdisciplinary Studies**

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### Oral Session Program Overview

#### Thursday
**Oral Session 3**
3:00 - 4:20 pm

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<td>Chemistry 3.05 Chemistry Chemistry 123</td>
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<td>Environmental Sciences 3.07 Environmental Sciences Library - Buckhouse Room</td>
<td>Environmental Sciences 4.07 Environmental Sciences Urey Lecture Hall (underground)</td>
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<td>Geology/Earth Sciences 3.08 Geology/Earth Sciences</td>
<td>Geology/Earth Sciences 4.08 Geology/Earth Sciences</td>
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<td>Physics 3.09 Physics Gallagher 201</td>
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<td>Psychology 3.10 Psychology Gallagher 202</td>
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<td>Mathematics 3.11 Mathematics Old Journalism 217</td>
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#### Friday
**Oral Session 4**
8:30 - 9:50 am

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<td>Chemistry 4.05 Chemistry Chemistry 123</td>
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<tr>
<td>Bioengineering 4.16 Bioengineering Old Journalism 304</td>
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### Oral Session Program Overview

#### Thursday
**Oral Session 3**  
3:00 - 4:20 pm

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#### Friday
**Oral Session 4**  
8:30 - 9:50 am

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### Notes
- **Oral Session Program Overview** provides a summary of the sessions and their details, including the time slots, rooms, and main topics covered.
- The program includes sessions on Fine Arts, Business, Education, Health Sciences, and Interdisciplinary Studies.
- Each session is scheduled for specific times throughout the day, with various rooms assigned for each session.

---

29
## Oral Session Program Overview

### Friday

**Oral Session 5**

10:00 - 11:20 am

### STEM Fields (Science, Technology, Math and Engineering)

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### Social Sciences and Humanities

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### Friday

**Oral Session 6**

2:30 - 3:50 pm

### STEM Fields (Science, Technology, Math and Engineering)

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30
### Oral Session Program Overview

#### Friday

**Oral Session 5**  
10:00 - 11:20 am

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| Interdisciplinary Studies | 5.55 Interdisciplinary Studies | Gallagher 226 |

#### Friday

**Oral Session 6**  
2:30 - 3:50 pm

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| Interdisciplinary Studies | 6.54 Interdisciplinary Studies | Gallagher 226 |

| Animal Science/Pre-Vet |                      | Old Journalism 304 |
### Saturday
#### Oral Session 7
8:30 - 9:50 pm

#### STEM Fields (Science, Technology, Math and Engineering)

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### Saturday
#### Oral Session 8
10:00 - 11:20 pm

#### STEM Fields (Science, Technology, Math and Engineering)

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#### Social Sciences and Humanities

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### Oral Session Program Overview

#### Saturday
**Oral Session 7**
8:30 - 9:50 pm

<table>
<thead>
<tr>
<th>Fine Arts</th>
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<td>Health &amp; Human Perform 7.36 Health &amp; Human Perform</td>
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<td>7.38 Social Work</td>
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#### Saturday
**Oral Session 8**
10:00 - 11:20 pm

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Oral Sessions

Oral Session 1

1.01 Biology  HS 207

8:40-9:00 a.m.  Cardiovascular and Developmental Toxicity in Danio rerio, Zebrafish
Janet Schibler  Elon University

9:00-9:20 a.m.  Determining the relationship between environmental conditions and somite development in zebrafish (Danio rerio)
Michelle Hamilton  Adelphi University

9:20-9:40 a.m.  Divergence genetics in two members of the Sebastes Species Flock
Kristine Karkoska  Juniata College

9:40-10:00 a.m.

1.02 Biology  Skaggs 114

8:40-9:00 a.m.  Identification and Phenotypic Characterization of Two New Arabidopsis thaliana Mutants
Bonnie Garvens  Luther College

9:00-9:20 a.m.  Identification of Populus species and hybrids through diagnostic SNPs
Alison Scott  California State University, Los Angeles

9:20-9:40 a.m.  Is Wood Density Involved in the Increased Lifespan of a Tree?
Beth Roskilly  The University of Montana

9:40-10:00 a.m.  Assessment of the genetics involved in the tolerance of soybean to soybean aphid
Anna Barber  University of Nebraska, Kearney

1.03 Biology  Skaggs 117

8:40-9:00 a.m.  MyD88 expression in epithelial ovarian cancers predicts chemoresistance to Paclitaxel
Jechiel Mor  Jacksonville University

9:00-9:20 a.m.  CG3313, A Novel Gene, Regulates Growth and Apoptosis through the Insulin Signaling Pathway
Sneha Rath  University of Rochester

9:20-9:40 a.m.  Induced Force Promotes Extrusion and Transient Polyp Formation in MDCK Monolayers to Maintain Homeostasis
Patrick Loftus  University of Utah

9:40-10:00 a.m.  A Comparison of Design Modifications to a Novel Microbial Fuel Cell for Electrical Production and Bacterial Load Reduction
Rachel Yoho  Capital University
Oral Session 1

1.04 Biology  *Skaggs 169*

8:40-9:00 a.m. The mechanism of cryoprotection by the Lyme disease agent during persistence in its tick vector  
Laura Hoon-Hanks *The University of Montana*

9:00-9:20 a.m. Age of Seizure Occurrence Affects Cell Death in the Dorsal Nucleus of Lateral Lemniscus  
Benjamin Minton *Appalachian State University*

9:20-9:40 a.m. Melanin Concentrating-Hormone Facilitates the Migration of Cultured 3T3-L1 Pre-adipocytes  
Laura Shum *State University of New York, Brockport*

9:40-10:00 a.m. The Effects of Frazzled Signaling on the Cytoskeleton  
Rhead Uddin *Wayne State University*

1.05 Molecular Biology  *InterDisciplinary Bldg 110*

8:40-9:00 a.m. Preliminary molecular analysis of NOS mRNA expression in guinea pig neurons  
Philip Feinberg *Ithaca College*

9:00-9:20 a.m. A New Technique for Optically Recording Membrane Potential in the tadpole brainstem using fluorescent dyes.  
John Escobedo *University of Texas, San Antonio*

9:20-9:40 a.m. Delta-catenin modulation of gamma-secretase function in Alzheimer’s disease  
Lillian Zhang *University of California, Los Angeles*

9:40-10:00 a.m. Do hormone receptors play a role in NF2-related Vestibular Schwannoma tumorigenesis?  
Ramina Amino *University of California, San Diego*

1.06 Molecular Biology  *Urey Hall*

8:40-9:00 a.m. Applying molecular methods to identify human and ruminant fecal contamination sources in Forest Lake, Kirksville, MO  
Diana Acevedo *Truman State University*

9:00-9:20 a.m. Improving Cre-based tools: The Cre Stoplight 2  
Drago Guggiana *Montana State University, Bozeman*

9:20-9:40 a.m. Outflanking BCR-ABL Drug Resistance  
Abinav Baweja *University of California, Los Angeles*

9:40-10:00 a.m. Epigenetic Control of Cellular Immortalization in Li-Fraumeni Cells  
Amy Eapen *Wayne State University*

1.07 Chemistry  *Chem 123*

8:40-9:00 a.m. Hydrogen and Methyl Dissociation of Trimethylindium Derivatives and Trimethylindium Dimer  
Jayla Subramanian *Spelman College*

9:00-9:20 a.m. Maximizing Phosphorescence Efficiency of Cyclometalated Platinum Complexes through Molecular Structural Engineering  
Deepak Ravindranathan *East Carolina University*
Oral Session 1

1.11 Computer Science  *N. Underground Lecture Hall*

8:40-9:00 a.m.  Disruptive Technology: Distributed High-Performance Computing  
Hoover Monte  United States Military Academy

9:00-9:20 a.m.  Next Generation Parallel Programming  
Matthew Maly  Trinity University

9:20-9:40 a.m.  Performance Analysis and Modeling of the Parallel Ocean Program on Ranger  
Patrick Carpenter  Auburn University

9:40-10:00 a.m.  GPU Computing: The Emergence of a Disruptive Technology  
Joseph Schafer  United States Military Academy

1.12 Engineering  *University Center 331*

8:40-9:00 a.m.  Disruptive Technology Progression: Biologically-Inspired-to-Anthropomorphic Robotics  
Alois Renggli  United States Military Academy

9:00-9:20 a.m.  Effective Load Balancing Strategies for Spatially Distributed Multi-Agent Systems  
Aaron Welch  Trinity University

Elizabeth Leckie  United States Naval Academy

9:40-10:00 a.m.  Image Recognition of a 2D Marker to Control a Virtual Object in 3D  
Adam Huson, Nathan Cutler  Eastern Washington University

1.13 Anthropology  *Education 123*

8:40-9:00 a.m.  Identity Control: Tattoos  
Kelsey Parker  Hendrix College

9:00-9:20 a.m.  Investigating Cultural and Religious Interpretation in Javanese Court Performance  
Hafizah Jaafar-Tribbett  University of Minnesota

9:20-9:40 a.m.  Islam at Ithaca College: A Study of Muslim Student Identity  
Lindsay Pehmoeller  Ithaca College

9:40-10:00 a.m.  M.O.R.E.- Meanings of Race and Ethnicity  
Heather Slivko-Bathurst, Kathleen Fox  SUNY- New Paltz

1.14 Economics  *Gallagher L09*

8:40-9:00 a.m.  Healthcare Services and its Affect on the Economy  
Brodie Lowe  Western Carolina University

9:00-9:20 a.m.  Lessons Learned in Establishing Public-Private Partnerships on U.S. Toll Roads  
Eric Magazu  University of Massachusetts, Amherst

9:20-9:40 a.m.  Low Income Home Ownership: The First Time Home Buyer Tax Credit and Housing Affordability  
Evan Nardone  Lafayette College
### Oral Session 1

#### 1.15 African Studies  
**Gallagher L13**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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<tbody>
<tr>
<td>8:40-9:00</td>
<td>Chinua Achebe and Wole Soyinka: Literary and Linguistic Hybridity in Post-Colonial Africa</td>
<td>Nadia van der Watt</td>
<td>Dixie State College of Utah</td>
</tr>
<tr>
<td>9:00-9:20</td>
<td>Justice For All: The Imperative of Providing Justice for Victims of Child Soldiers in the Democratic Republic of the Congo</td>
<td>Anna Bush</td>
<td>Hendrix College</td>
</tr>
<tr>
<td>9:40-10:00</td>
<td>Adnan and Satrapi: Giving Females a Voice During Times of War</td>
<td>Allyssa Miranda</td>
<td>Dominican University of California</td>
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#### 1.16 International Global Studies  
**Gallagher L14**

<table>
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<tr>
<th>Time</th>
<th>Title</th>
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<tbody>
<tr>
<td>8:40-9:00</td>
<td>Inevitable Iran: The Use of Coercive Diplomacy in Confronting Iran’s Nuclear Enrichment Program</td>
<td>Samantha Stephens</td>
<td>The University of Montana</td>
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<tr>
<td>9:00-9:20</td>
<td>Intelligence for a New Age</td>
<td>David LaPorte</td>
<td>Occidental College</td>
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<tr>
<td>9:20-9:40</td>
<td>Is the Evolution of Reformists in Iran Probable?</td>
<td>Joshua Dixon</td>
<td>Virginia Military Institute</td>
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#### 1.17 Asian Studies  
**LA 204**

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<th>Time</th>
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<tbody>
<tr>
<td>8:40-9:00</td>
<td>Why and how they covered Mumbai: Newsmagazine contributors’ purposes, processes and products</td>
<td>Hannah Williams</td>
<td>Elon University</td>
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<tr>
<td>9:00-9:20</td>
<td>Otaku: Fanatic or Freak?</td>
<td>Lauren Thompson</td>
<td>Furman University</td>
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<td>9:20-9:40</td>
<td>Shingon Buddhism: The Origins of Tantric Buddhism in China and Its Transmission to Japan</td>
<td>Mori Camille</td>
<td>Union College</td>
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<td>9:40-10:00</td>
<td>Central Asian Films</td>
<td>Shaniece Singleton</td>
<td>Bridgewater State College</td>
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#### 1.18 Political Science  
**Social Sciences 356**

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<th>Time</th>
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<tbody>
<tr>
<td>8:40-9:00</td>
<td>‘Justice for Janitors’: The Diffusion of a Union Model</td>
<td>Lili Salmeron</td>
<td>The City College of New York</td>
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<tr>
<td>9:00-9:20</td>
<td>(Not) Sending Mixed Signals: Presidential Credibility, International Institutions, and Bipartisanship</td>
<td>John Lewis</td>
<td>University of Texas, Austin</td>
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<tr>
<td>9:20-9:40</td>
<td>Affirmative Action Under the Obama Administration: A Liberal Political Analysis</td>
<td>Alexander Lewis</td>
<td>Howard University</td>
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<td>9:40-10:00</td>
<td>A Critical Analysis of Post 9/11 Labor Policy and Their Ethical Implications on the Undocumented Immigrant Population in Milwaukee, Wisconsin</td>
<td>Francisco Bravo</td>
<td>Marquette University</td>
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### Oral Session 1

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<tbody>
<tr>
<td>8:40-9:00 a.m.</td>
<td>Ancient Egypt for Every College Student</td>
<td>Rachel Raasch</td>
<td>University of Wisconsin-Oshkosh</td>
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<tr>
<td>9:00-9:20 a.m.</td>
<td>Assimilation and Xenophobia: German Wisconsinites during World War One.</td>
<td>Benjamin Zenda</td>
<td>University of Wisconsin-Eau Claire</td>
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<td>9:20-9:40 a.m.</td>
<td>Beloit, Wisconsin and the Great Migration</td>
<td>Lucas Knowles</td>
<td>University of Wisconsin-Eau Claire</td>
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<td>9:40-10:00 a.m.</td>
<td>Brunswick Town and Wilmington: Shifting Political Shoals on the Cape Fear River</td>
<td>Baylus Brooks</td>
<td>East Carolina University</td>
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### Oral Session 2

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<tr>
<td>8:40-9:00 a.m.</td>
<td>Oppression and Violence along the Border: Spanish Language Newspapers Reaction to the Plan de San Diego</td>
<td>Miriam Villanueva</td>
<td>Texas A and M University, Kingsville</td>
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<tr>
<td>9:00-9:20 a.m.</td>
<td>Politically Marginal, Intellectually Typical: The Racial Ideology of the Pro-Boers</td>
<td>Zachary Shovein</td>
<td>Hamline University</td>
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<tr>
<td>9:20-9:40 a.m.</td>
<td>Propaganda of the Martyrs: English Catholic Martyrologies and their Protestant Audience</td>
<td>Samuel Rostad</td>
<td>The University of Montana</td>
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<tr>
<td>9:40-10:00 a.m.</td>
<td>Remembering a Florida Tragedy: The Politics of Commemorating the Rosewood Massacre, 1980-2006</td>
<td>Matthew Munley</td>
<td>Jacksonville University</td>
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### Oral Session 3

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<tbody>
<tr>
<td>8:40-9:00 a.m.</td>
<td>The Importance of Being Ernest: Authenticity in Hemingway's Unique Blend of Fiction, Memoir, and Travel Writing</td>
<td>Laura Fuller</td>
<td>Luther College</td>
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<tr>
<td>9:00-9:20 a.m.</td>
<td>Shakespeare in 90s Film and Linguistic Popular Culture: Teaching the Bard as a Cultural Necessity</td>
<td>Pearl Griffin</td>
<td>Central Washington University</td>
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<tr>
<td>9:20-9:40 a.m.</td>
<td>Shattered Borders: Josefina Niggli De-Regionalized</td>
<td>Bobby Willover</td>
<td>Western Carolina University</td>
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<tr>
<td>9:40-10:00 a.m.</td>
<td>She Rode Some Horses: The Horse as Empowerment in the Texts of Pretty-Shield and Joy Hardjo</td>
<td>Etta Langer</td>
<td>Hamline University</td>
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### Oral Session 4

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<tbody>
<tr>
<td>8:40-9:00 a.m.</td>
<td>A Dialogue with the Other: Portrayal of Immigrants in Roddy Doyle’s Deportees</td>
<td>Thomas Fagin</td>
<td>Union College</td>
</tr>
<tr>
<td>9:00-9:20 a.m.</td>
<td>A Discovery of John Okada’s Hidden Truths on American History</td>
<td>Imari Smith</td>
<td>Hope College</td>
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## Oral Session 1

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<tbody>
<tr>
<td>9:20-9:40 a.m.</td>
<td>A Portrait Speaks: Realism, Romance, and Representations of Questionable Truths in <em>Daniel Deronda</em></td>
<td>Kimberly Huskinson</td>
<td>Hamline University</td>
</tr>
<tr>
<td>9:40-10:00 a.m.</td>
<td>A Room of His Own: Nick Hornby’s Struggle with the Poetic Influence of Virginia Woolf</td>
<td>Samantha Holt</td>
<td>University of Memphis</td>
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### 1.23 English  LA 338

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<tbody>
<tr>
<td>8:40-9:00 a.m.</td>
<td>Hair, Head Rags, and White Possession in Their Eyes Were Watching God</td>
<td>Jennifer Rivers</td>
<td>University of West Georgia</td>
</tr>
<tr>
<td>9:00-9:20 a.m.</td>
<td>Into Thin Air on Thin Ice: Jon Krakauer’s Multiple Roles as a Journalist, Climber, and Client in his Narration of the 1996 Everest Disaster</td>
<td>Erin Lunde</td>
<td>Luther College</td>
</tr>
<tr>
<td>9:20-9:40 a.m.</td>
<td>Indefinite Reference: The Name of James Ballard in Crash</td>
<td>Richard DeMaria</td>
<td>Occidental College</td>
</tr>
<tr>
<td>9:40-10:00 a.m.</td>
<td>Isolation and Alienation: Colonialism’s Impact in Tayeb Salih’s Season of Migration to the North</td>
<td>Derek Franklin</td>
<td>Truman State University</td>
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### 1.24 English  LA 342

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<th>Institution</th>
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<tbody>
<tr>
<td>8:40-9:00 a.m.</td>
<td>Under the Waves: Water Imagery in Virginia Woolf</td>
<td>Stefanie Otteson</td>
<td>University of Wisconsin-River Falls</td>
</tr>
<tr>
<td>9:00-9:20 a.m.</td>
<td>Unifying the Fragmented “Woman” in Virginia Woolf’s Mrs. Dalloway</td>
<td>Krista Wetschka</td>
<td>Hamline University</td>
</tr>
<tr>
<td>9:20-9:40 a.m.</td>
<td>Verbal Violence and Feminine Triple Consciousness in Zora Neale Hurston’s Their Eyes Were Watching God</td>
<td>Colleen Donnelly</td>
<td>University of West Georgia</td>
</tr>
<tr>
<td>9:40-10:00 a.m.</td>
<td>Virginia Woolf: Hesitations and the Animal Behind Them</td>
<td>Anthony Jackson</td>
<td>University of Wisconsin-River Falls</td>
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### 1.25 Literature  LA 335

<table>
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<th>Time</th>
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<tbody>
<tr>
<td>8:40-9:00 a.m.</td>
<td>Characters, Bodies, and Manifestations: A Psychological Approach to Locating Victorian Identity</td>
<td>Tracey Matteson</td>
<td>University of Northern Iowa</td>
</tr>
<tr>
<td>9:00-9:20 a.m.</td>
<td>Determining Friend and Enemy in the Nationalist Moment: Raffi’s “The Fool”</td>
<td>Anahid Yahjian</td>
<td>Occidental College</td>
</tr>
<tr>
<td>9:20-9:40 a.m.</td>
<td>Ennui, Censure, and Revelation in D.H. Lawrence’s Lady Chatterley’s Lover</td>
<td>Jennifer Adair</td>
<td>Lubbock Christian University</td>
</tr>
<tr>
<td>9:40-10:00 a.m.</td>
<td>Fancies of Flight</td>
<td>Domingo Ramirez</td>
<td>Dominican University of California</td>
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### Oral Session 1

#### 1.26 Creative Writing  **LA 334**

<table>
<thead>
<tr>
<th>Time</th>
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<th>Institution</th>
</tr>
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<tbody>
<tr>
<td>8:40-9:00 a.m.</td>
<td>“When My Father Dies”</td>
<td>Todd Mueske</td>
<td>University of Wisconsin-River Falls</td>
</tr>
<tr>
<td>9:00-9:20 a.m.</td>
<td>Au Courant Gothic, A Compilation</td>
<td>Haydn Diaz</td>
<td>Florida International University</td>
</tr>
<tr>
<td>9:20-9:40 a.m.</td>
<td>Craft as Necessity: Poetic Creation through Revision</td>
<td>Eric Webb</td>
<td>Virginia Wesleyan College</td>
</tr>
<tr>
<td>9:40-10:00 a.m.</td>
<td>Fake Berries and a Milk Box: Searching for Ground</td>
<td>Harmony Hanson</td>
<td>University of Wisconsin-River Falls</td>
</tr>
</tbody>
</table>

#### 1.27 Linguistics  **LA 106**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>8:40-9:00 a.m.</td>
<td>Blackfoot Voiceless Stop Consonants</td>
<td>Robert Hall</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>9:00-9:20 a.m.</td>
<td>Characterizing Independence, Autonomy, and Collaboration: Language Learners’ Perspectives on a Tandem Email Exchange Through the Wimba Software Program</td>
<td>Bethany Schowengerdt</td>
<td>University of Minnesota, Twin Cities</td>
</tr>
<tr>
<td>9:20-9:40 a.m.</td>
<td>Code Switching in Belizean Languages</td>
<td>Satty Flaherty-Echeverria</td>
<td>University of Minnesota, Twin Cities</td>
</tr>
<tr>
<td>9:40-10:00 a.m.</td>
<td>English Possessive Construction</td>
<td>Katia Watson</td>
<td>University of Minnesota, Duluth</td>
</tr>
</tbody>
</table>

#### 1.28 Philosophy  **LA 302**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>8:40-9:00 a.m.</td>
<td>Race and Reality: The Metaphysics of Difference</td>
<td>Celena Simpson</td>
<td>Ripon College</td>
</tr>
<tr>
<td>9:00-9:20 a.m.</td>
<td>Reason: as defined by film noir and classical detective stories.</td>
<td>Matthew Johnson</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>9:20-9:40 a.m.</td>
<td>Samsara is Nirvana: Existential Logic of the Autonomous Self in Schelling &amp; Nishida</td>
<td>Jared Utech</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>9:40-10:00 a.m.</td>
<td>Second-Generation Immigrants</td>
<td>Rebecca Rolon</td>
<td>Western Carolina University</td>
</tr>
</tbody>
</table>

#### 1.29 Philosophy  **LA 305**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:40-9:00 a.m.</td>
<td>Environmental Aesthetics: A Critique of False Dichotomies</td>
<td>Zachary Rogala</td>
<td>Montana State University, Bozeman</td>
</tr>
<tr>
<td>9:00-9:20 a.m.</td>
<td>The Machiavellian Man: Defining the Individual in the Machiavellian State</td>
<td>Wilford Durbin</td>
<td>Xavier University</td>
</tr>
<tr>
<td>9:20-9:40 a.m.</td>
<td>The Problem of Moral Stagnation: Reconciling Moral Subjectivism and Positive Progress through Justice</td>
<td>Daniel Wilcox</td>
<td>Luther College</td>
</tr>
</tbody>
</table>
## Oral Session 1

### 1.30 Communications  LA 207  
Thursday, April 15, 2010

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>8:40-9:00 a.m.</td>
<td>Why and How They Covered Mumbai: Newsmagazine Contributors’ Purposes, Processes and Products</td>
<td>Hannah Williams</td>
<td>Elon University</td>
</tr>
<tr>
<td>9:00-9:20 a.m.</td>
<td>An Alternative View of American Economic History</td>
<td>Aaron Briggs</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>9:20-9:40 a.m.</td>
<td>An Ideological Analysis of Humorous Hegemonic Masulinity in “This is SportsCenter” Advertisements</td>
<td>Michael Slykas</td>
<td>North Central College</td>
</tr>
<tr>
<td>9:40-10:00 a.m.</td>
<td>Andrzej Wajda’s Life in His Films</td>
<td>Adriann Flint</td>
<td>Bridgewater State College</td>
</tr>
</tbody>
</table>

### 1.31 Sociology  LA 234

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>8:40-9:00 a.m.</td>
<td>Power of Sex: College Student’s Attitudes Towards Sexuality and Sexual Content in Music Videos</td>
<td>Meriem Mahdi</td>
<td>Bridgewater State College</td>
</tr>
<tr>
<td>9:00-9:20 a.m.</td>
<td>Silent but Real: The Struggle of Racial Identification for Multiracial People in Modern America</td>
<td>Samuel Hickson</td>
<td>State University of New York, Brockport</td>
</tr>
<tr>
<td>9:20-9:40 a.m.</td>
<td>Stricture and Solidarity: Agency and Community Development in Huancarani, Bolivia</td>
<td>Jacob Wood</td>
<td>University of Wisconsin-La Crosse</td>
</tr>
<tr>
<td>9:40-10:00 a.m.</td>
<td>Student Involvement: Motivation and Campus Engagement</td>
<td>Megan Carlson</td>
<td>The University of Montana</td>
</tr>
</tbody>
</table>

### 1.32 Sociology  LA 235

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>8:40-9:00 a.m.</td>
<td>A Contribution to Disproportionality in HIV Rates: Healthcare Disparities in North Carolina Minorities</td>
<td>Erin Gymburch</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>9:00-9:20 a.m.</td>
<td>America’s Hidden Stigmatized: Atheists in Society</td>
<td>Bradley Brake</td>
<td>Hamline University</td>
</tr>
<tr>
<td>9:40-10:00 a.m.</td>
<td>Children’s Views on Poverty</td>
<td>Susan Hammond</td>
<td>The University of Montana</td>
</tr>
</tbody>
</table>

### 1.33 Criminology  LA 243

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:40-9:00 a.m.</td>
<td>Criminal statutes of limitations: Need or nuisance?</td>
<td>Jessica Burkley</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>9:00-9:20 a.m.</td>
<td>Firearm Involvement Influences on the Recidivism of Gang Members Compared to Non-Gang Members</td>
<td>Daniel Scott</td>
<td>University of Wisconsin-River Falls</td>
</tr>
<tr>
<td>9:20-9:40 a.m.</td>
<td>Understand and Exercise Your Rights: A Case Analysis of Miranda v. Arizona</td>
<td>Yaffa Ross</td>
<td>University of Texas, San Antonio</td>
</tr>
</tbody>
</table>
Oral Session 1

1.34 Film Studies  
**Gallagher 122**

8:40-9:00 a.m.  
Film Editing: Uncovering the Internal Character Struggle of Jake LaMotta in Raging Bull  
Matthew Cici  
Hamline University

9:00-9:20 a.m.  
From Here to Eternity: Breaking Down Hollywood’s Self-Censoring Production Code  
Carrie Meggs  
Occidental College

9:20-9:40 a.m.  
Guess Who’s Coming to Whiteness?: Patriarchal Centering in “Guess Who’s Coming to Dinner?” and “Guess Who”  
Harold Collins III  
University of West Georgia

9:40-10:00 a.m.  
Bobby  
Kristen Theiler, Claire Engleson, David Hogan, Matt Janzer, Joe Veltkamp  
The University of Montana

1.35 Studio Art  
**Gallery of Visual Arts**

8:40-9:00 a.m.  
An Artistic Study of Conceptual Reality  
Robert D’Almeida  
The University of Montana

9:00-9:20 a.m.  
Blind Communication  
Amber Prouty  
The University of Montana

9:20-9:40 a.m.  
Legacy  
Shane Sorensen  
The University of Montana

9:40-10:00 a.m.  
The Viewmaster project: Portraits of Common Objects  
Kathryn Hilmer  
The University of Montana

1.36 Studio Art  
**UC Art**

8:40-9:00 a.m.  
Formation of Identity  
Katherine Cain  
The University of Montana

9:00-9:20 a.m.  
Measuring Life  
Mara Vinton  
The University of Montana

1.37 Studio Art  
**UC Lounge**

8:40-9:00 a.m.  
Missing 3 Ways, Low and Slow  
Jose Chavez  
The University of Montana

9:00-9:20 a.m.  
Opportunity  
Kendra McKlosky  
The University of Montana

9:20-9:40 a.m.  
Out Beyond Ideas  
Jennifer Bardsley  
The University of Montana

9:40-10:00 a.m.  
Contemporary Ceramic Investigation: Pottery, Sculpture, and Installation Parallelism  
Joel Cherrico  
The University of Montana

1.38 Music  
**Music 105**

8:40-9:00 a.m.  
Repetition, Seduction, Anxiety, Despair; Berlioz’s “Symphonie Fantastique” as Anticipatory of Kierkegaard’s “Philosophy of Actuality”  
William Pomeroy  
Salisbury University
## Oral Sessions

### Oral Session 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>9:00-9:20 a.m.</td>
<td>Sequences, Chromaticism, and Linear Movement in a Chopin Polonaise</td>
<td>Hannah Price</td>
<td>Appalachian State University</td>
</tr>
<tr>
<td>9:20-9:40 a.m.</td>
<td>Students as Teachers: The Effects of a Student-Run Music Tutoring Center</td>
<td>Johanna Albrecht</td>
<td>Appalachian State University</td>
</tr>
<tr>
<td><strong>1.39 Music</strong></td>
<td><strong>Music Recital Hall</strong></td>
<td></td>
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</tr>
<tr>
<td>8:40-9:00 a.m.</td>
<td>&quot;Je te l’abandonne!&quot; The Transformation of E.T.A. Hoffmann’s tale “Die Gesichte von verlorenen Speigelbilde” into Jacques Offenbach’s Enigmatic Opera, Les Contes d’Hoffmann</td>
<td>Melissa Gross</td>
<td>University of Kentucky</td>
</tr>
<tr>
<td>9:00-9:20 a.m.</td>
<td>“Rappin’ Taiwan”</td>
<td>Larry Robinson</td>
<td>CUNY - Brooklyn College</td>
</tr>
<tr>
<td>9:20-9:40 a.m.</td>
<td>Acoustometry: Using the Fundamental Organization of Chemistry as a Basis for Extensive Acoustic Notation</td>
<td>Nathaniel Lowman</td>
<td>Appalachian State University</td>
</tr>
<tr>
<td><strong>1.40 Finance</strong></td>
<td><strong>Gallagher 123</strong></td>
<td></td>
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</tr>
<tr>
<td>8:40-9:00 a.m.</td>
<td>The Rise and fall of the Chinese Stock Market</td>
<td>Tommy Lee</td>
<td>Truman State University</td>
</tr>
<tr>
<td>9:00-9:20 a.m.</td>
<td>The Financial Consequences of Restructuring the BCS and Its Effects on the Mountain West Conference</td>
<td>Jonathan Bowen</td>
<td>University of Utah</td>
</tr>
<tr>
<td>9:20-9:40 a.m.</td>
<td>Microcredit: Efficient or Exploitative?</td>
<td>Patrick Mullen</td>
<td>Westminster College</td>
</tr>
<tr>
<td>9:40-10:00 a.m.</td>
<td>Financial Regulation after the Crisis: Learning from International Experience</td>
<td>Huan Jiang</td>
<td>University of Rochester</td>
</tr>
<tr>
<td><strong>1.41 Education</strong></td>
<td><strong>ED 241</strong></td>
<td></td>
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</tr>
<tr>
<td>8:40-9:00 a.m.</td>
<td>Hip Hop and Safe Spaces: Transactional Education in the English High School Classroom</td>
<td>Anna Pizzimenti</td>
<td>Hope College</td>
</tr>
<tr>
<td>9:00-9:20 a.m.</td>
<td>“To Me it’s Like Having a Kid, Kind of”: Analysis of Student Reflections in a Developmental Mentoring/Service-Learning Program</td>
<td>Anna Decker</td>
<td>Elon University</td>
</tr>
<tr>
<td>9:20-9:40 a.m.</td>
<td>Through Sports, I can Succeed: A examination of athlete’s perception of the role of sports in academic achievement.</td>
<td>Leighia Eleanor Fleming</td>
<td>Dominican University of California</td>
</tr>
<tr>
<td>9:40-10:00 a.m.</td>
<td>K-12 Physical Education: The Principals perspective</td>
<td>Nicole Vogel</td>
<td>Indiana University-Purdue University</td>
</tr>
</tbody>
</table>

**Oral Session 1**

**Thursday, April 15, 2010**
# Oral Session 1

## 1.42 Health & Human Performance  *McGill 210*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>8:40-9:00 a.m.</td>
<td>The Effects of Freshmen Trips Participation on Student Engagement</td>
<td>Nathan Williams</td>
<td>University of Minnesota, Duluth</td>
</tr>
<tr>
<td>9:00-9:20 a.m.</td>
<td>A Comparison of Single- and Double-Leg Cycling Biomechanics</td>
<td>Dean Tanner</td>
<td>University of Utah</td>
</tr>
<tr>
<td>9:20-9:40 a.m.</td>
<td>An Investigation Into North Carolina’s Culture of Obesity.</td>
<td>Nicole Jesserer</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>9:40-10:00 a.m.</td>
<td>Is that Big Mac Really Worth it?</td>
<td>Alicia Spalding</td>
<td>University of Toledo</td>
</tr>
</tbody>
</table>

## 1.43 Interdisciplinary Studies  *Gallagher 226*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>8:40-9:00 a.m.</td>
<td>Community Care Versus Institutionalized Care: How State Funding Affects Mental Health Care</td>
<td>Sarah Yergeau</td>
<td>Union College</td>
</tr>
<tr>
<td>9:00-9:20 a.m.</td>
<td>The Post-Colonial Persistence of Muslim Opposition Parties in Jordan: Democratically Integrated Parties or Vilified Opposition Still?</td>
<td>Emily Southerton</td>
<td>Villanova University</td>
</tr>
<tr>
<td>9:20-9:40 a.m.</td>
<td>Endometriosis and Fertility: Is Now or Never Really the Only Option?</td>
<td>Shannon Owen</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>9:40-10:00 a.m.</td>
<td>Dizzy-Coke-Jazz-Space: Questioning cultural strategies of urban development and spatio-visual historicization</td>
<td>Patrick Monte</td>
<td>The City College of New York, CUNY</td>
</tr>
<tr>
<td>Oral Session 2</td>
<td>Thursday, April 15, 2010</td>
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<tr>
<td><strong>2.01 Biology Skaggs 114</strong></td>
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<tr>
<td>1:30-1:50 p.m.</td>
<td>Fall Migration Mass Variation in Wisconsin’s Tiniest Owls</td>
<td>Jennifer Rothe</td>
<td>University of Wisconsin-Stevens Point</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Long-term Monitoring of Osprey (Pandion haliaetus) Populations in Western Montana</td>
<td>Amanda Ormesher</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Got Personality? Exploratory Behavior in the Siberian Dwarf Hamster, Phodopus sungorus</td>
<td>Laura Louon</td>
<td>Ithaca College</td>
</tr>
<tr>
<td><strong>2.02 Biology Skaggs 117</strong></td>
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<tr>
<td>1:30-1:50 p.m.</td>
<td>Development of Informative Genomic Markers for a Population Genetic Study of a Threatened Marine Species</td>
<td>Ashton Bunce</td>
<td>Juniata College</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Developmental Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in Zebrafish (Danio rerio)</td>
<td>Kathryn Stackhouse</td>
<td>Elon University</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>A Qualitative Analysis of Histoplasma capsulatum Antibodies in Myotis lucifugus and Eptesicus fuscus Colonies of Berks County, Pennsylvania</td>
<td>Christopher Sheerer</td>
<td>Albright College</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Full Genome Sequencing of Reichenowia parasitica, an Endosymbiont of the Fresh Water Leech Placobdella parasitica Using 454 Pyrosequencing</td>
<td>Bella Fuks</td>
<td>Long Island University</td>
</tr>
<tr>
<td><strong>2.03 Biology Urey Lecture Hall</strong></td>
<td></td>
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<tr>
<td>1:30-1:50 p.m.</td>
<td>The role of Fibroblast Growth Factor-10 on cell differentiation and pathway activation in transgenic murine hepatic progenitor cells deficient in Mat1a expression</td>
<td>Shea Sullivan</td>
<td>Childrens Hospital Los Angeles</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Interleukin-1, a pro-inflammatory cytokine regulates Cadherin mediated cell-cell adhesion.</td>
<td>Chantelle McGinness</td>
<td>Southern Polytechnic State University</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Small Subunit Ribosome Gene Divergence in Halosimplex carlsbadense is an Adaptation to Different Growth Conditions</td>
<td>Dana Lewis, Heather Stanley</td>
<td>Cabrini College</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Liver IGF-1 mRNA Expression Is Decreased by Mechanical Ventilation of Preterm Lambs.</td>
<td>Cierra Blair</td>
<td>University of Utah</td>
</tr>
</tbody>
</table>
Oral Session 2

2.04 Microbiology  Skaggs 169

1:30-1:50 p.m.  Epidemiological Implications of Non-toxigenic Clostridium difficile in a Hospital  
Wade See  The University of Montana

1:50-2:10 p.m.  Triclosan: Is it creating “superbugs” that are resistant to antimicrobial drugs?  
Anne Moore  Russell Sage College

2:10-2:30 p.m.  Evolution of Multiple Antibiotic Resistance and Resulting Fitness Cost in MM294 Strain of Escherichia Coli  
Eta Obeya  University of Wisconsin-Superior

2:30-2:50 p.m.  Nanoparticles and the Environment  
Alyssa Anderson-Calder  Utah State University

2.05 Botany  Health Sciences 207

1:30-1:50 p.m.  Effect of Soil Type on Leaf Functional Traits in Saplings of the Genus Inga  
Kristen Nolting  University of Evansville

1:50-2:10 p.m.  Soil Quality and It’s Effect on Fall Foliage  
Hughes Erika  Ithaca College

2:10-2:30 p.m.  The Effects of Nitrogen and Phosphorus Application on Vegetation in a Salt Marsh in Yaquina Bay, Oregon  
Matthew McCary  North Central College

2:30-2:50 p.m.  Blue Lupine Growing Conditions Affect Leaf Nutritional Quality and Influence Growth of an Endangered Butterfly  
Rivka Fidel  Union College

2.06 Biochemistry  ISB 110

1:30-1:50 p.m.  Cloning and Expression of Enolase Gene from Partridge Pea  
Bobbi Arnold  University of Nebraska, Kearney

1:50-2:10 p.m.  Cloning, Expression, Purification and Crystallization of a Lysozyme Encoded by Bacteriophage SN  
Nadia Herrera  The University of Texas, El Paso

2:10-2:30 p.m.  Expression of Tryptophan-analog Streptavidin for Single-Molecule UV Fluorescence Experiments  
Syed Ali  Wayne State University

2:30-2:50 p.m.  Inhibition of the 26S Proteasome by a Non-Hydrolyzable Ubiquitin Linkage  
Sappho Gilbert  Massachusetts Institute of Technology

2.07 Chemistry  Chem 123

1:30-1:50 p.m.  Modes of nucleophilic attack on O,S-dimethyl methylphosphonothiolate using normal and alpha nucleophiles.  
Therese Gerbich  Truman State University
### Oral Session 2

**Oral Sessions**

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**1:50-2:10 p.m.** Preparation and X-ray Structure of Novel Vinylidonium Salts with a Pyridine-N-Oxide Moiety  
Samantha Kristufek  
*Penn State Erie, The Behrend College*

**2:10-2:30 p.m.** Synthesis of C-Glucosyl-alpha-Threonine  
Nicole Dunn  
*Colgate University*

**2:30-2:50 p.m.** Lotrimin Ultra® on Steroids: The Synthesis of “Heavy-Hydrogen” Analogs of Butenafine, an OTC Anti-Fungal Drug, and Evaluation of Anti-Fungal Properties  
Ryan Cloke  
*Gonzaga University*

**2.08 Environmental Science  Library - Buckhouse**

**1:30-1:50 p.m.** Detailed Macroinvertebrate, Chemical and Community Attitude Studies of Crabby Creek, Post-Stream Restoration  
Melissa Phillips, Matt Cusmiani, Neil Gogno, Amanda Rosica, Ryan Pashley, Lauren Higgins  
*Cabrini College*

**1:50-2:10 p.m.** Are Lake Trout, Salvelinus namaycush, from Flathead Lake, MT “Safe” to Eat?  
Katie McDonald  
*Salish Kootenai College*

**2:10-2:30 p.m.** Seasonal Distribution of Nutrients in an Alpine Lake: Nutrient Fluxes and Residence Time Analysis  
Alexey Kalinin  
*Montana State University, Bozeman*

**2:30-2:50 p.m.** Stream Substrate Composition after Fire in some western Montana mountain watersheds  
Sarah Caffrey  
*The University of Montana*

**2.09 Astro Physics  Clapp 131**

**1:30-1:50 p.m.** Searching for New Asteroids  
Amanda Brock, Jacob Hewell  
*University of West Georgia*

**1:50-2:10 p.m.** Water Rains onto the Protoplanetary Disk of IRAS-13036  
Patrick Sheehan  
*University of Rochester*

**2:10-2:30 p.m.** Color Magnitude Diagram of Our Galaxy  
Prayash Sharma Pyakurel  
*Truman State University*

**2:30-2:50 p.m.** Atomic Trap Trace Analysis of Krypton Atoms for Neutrino and Dark Matter Detectors  
Benjamin Miles  
*Union College*

**2.10 Psychology  Gallagher 201**

**1:30-1:50 p.m.** Exergaming and Autism: Effects on Self-Stimulatory Behaviors and Cognition  
Kimberly Tureck  
*Union College*

**1:50-2:10 p.m.** Exploring the Differences in Ethnicities of Children with Autism Spectrum Disorder  
Rachel Moore  
*Michigan State University*

**2:10-2:30 p.m.** Exposure to and Quality of Experience with Classmates with Disabilities: A Study of Recollections  
Emily Lund  
*The University of Montana*
<table>
<thead>
<tr>
<th>Oral Session 2</th>
<th>Thursday, April 15, 2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30-2:50 p.m. Factors Influencing Students’ Aspirations to Attend College</td>
<td>Kimberly Rodriguez  <em>Texas A and M University, Kingsville</em></td>
</tr>
<tr>
<td>**2.11 Psychology  **  <strong>Gallagher 202</strong></td>
<td></td>
</tr>
<tr>
<td>1:30-1:50 p.m. The predictive power of callous unemotional traits in juvenile sexual offenders</td>
<td>Sheri Bednarz  <em>Central Connecticut State University</em></td>
</tr>
<tr>
<td>1:50-2:10 p.m. The Relationship Between Diet Types, Depression, and Disordered Eating in College Students</td>
<td>Kathryn Henderson  <em>Eastern Illinois University</em></td>
</tr>
<tr>
<td>2:10-2:30 p.m. The relationship between empowerment care and quality of life among assisted living facilities.</td>
<td>Kirsten Kranz  <em>University of Wisconsin-La Crosse</em></td>
</tr>
<tr>
<td>2:30-2:50 p.m. The Relationship Between Family Mealtimes and College Students’ Self-Efficacy</td>
<td>Brittany Schmidt  <em>University of Nebraska, Kearney</em></td>
</tr>
<tr>
<td>**2.12 Mathematical Sciences  **  <strong>Old Journalism 217</strong></td>
<td></td>
</tr>
<tr>
<td>1:30-1:50 p.m. A Robustness of N-Mixture Models in Estimating Animal Population Size</td>
<td>Michael Hemmer  <em>University of Wisconsin-La Crosse</em></td>
</tr>
<tr>
<td>1:50-2:10 p.m. An Agent-Based Simulation of Insecticide Treated Nets and Their Impact on Populations at Risk for Malaria</td>
<td>Amanda Brown  <em>Elon University</em></td>
</tr>
<tr>
<td>2:10-2:30 p.m. Modeling a Lone Star Tick (Amblyomma americanum) Population for Effective Disease Management</td>
<td>Crystal Bennett  <em>North Carolina Agricultural and Technical State University</em></td>
</tr>
<tr>
<td>2:30-2:50 p.m. Will The Universal Varicella Vaccination Increase Zoster Infection?</td>
<td>Christina Lorenzo  <em>North Central College</em></td>
</tr>
<tr>
<td>**2.13 Computer Science  **  <strong>N. Underground Lecture Hall</strong></td>
<td></td>
</tr>
<tr>
<td>1:30-1:50 p.m. Dynamic Battlefield Wisdom: Explaining the Battle Space with Dynamic Decision Trees</td>
<td>Kristopher Webber  <em>United States Military Academy</em></td>
</tr>
<tr>
<td>1:50-2:10 p.m. Simulation of an Air Traffic Environment</td>
<td>Jalissa Miles  <em>Bowie State University</em></td>
</tr>
<tr>
<td>2:10-2:30 p.m. Using an Anomaly Detection algorithm for Wilderness Search and Rescue</td>
<td>Adam Ellis  <em>Utah Valley State College</em></td>
</tr>
<tr>
<td>2:30-2:50 p.m. Encryption Profiler: A Behavior Based Approach to Profiling Encryption Algorithms</td>
<td>Michael Steele  <em>United States Military Academy</em></td>
</tr>
<tr>
<td>**2.14 Engineering  **  <strong>UC 331</strong></td>
<td></td>
</tr>
<tr>
<td>1:30-1:50 p.m. Seeing and Interacting with Sound - Oscillo-Tube Science Exhibit</td>
<td>Justin Wagner, Adam Huson, Nathan Cutler, Dan Niehenke  <em>Eastern Washington University</em></td>
</tr>
</tbody>
</table>
## Oral Sessions

### Oral Session 2

**Thursday, April 15, 2010**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenter</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Playstation 3 Cluster Computing: Supercomputing Performance on a Budget</td>
<td>Patrick Hickey</td>
<td>United States Military Academy</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Meta-Materials and The Speed of Light</td>
<td>Sean Reardon, Allen Locke</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Additive Manufacturing of Fully Functional Fluid Power Components</td>
<td>Sara Zientarski</td>
<td>Milwaukee School of Engineering</td>
</tr>
</tbody>
</table>

### 2.15 Bioengineering *Old Journalism 304*

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenter</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Determining Mechanical Properties of Blood Vessels in Neonates for Understanding the Intraventricular Hemorrhaging</td>
<td>Juhyun Lee</td>
<td>University of Utah</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Development of Biologically Engineered Polymers with Covalently Bonded Peptide Sequences for Use in Clinical Cardiovascular Applications</td>
<td>Jordan Hamilton</td>
<td>Auburn University</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Nanopolymers as Multifunctional Drug Delivery Vehicles for Management of Inflammation and Atherosclerosis</td>
<td>Pratik Shah</td>
<td>Rutgers University</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>The Biomechanics of Cardiac S-Looping in the Chick Embryo</td>
<td>Krystle Gallo</td>
<td>Union College</td>
</tr>
</tbody>
</table>

### 2.16 Anthropology *ED 123*

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenter</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Maritime Adaptations and Zooarchaeology on the Alaska Peninsula</td>
<td>Adam Harris</td>
<td>Hamline University</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Micro-Financing</td>
<td>Theresa Gorella</td>
<td>Long Island University</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Modernity and Technology: Challenges to the Preservation of Local Ethnobotanical Knowledge in Two Rural Communities of Central Costa Rica</td>
<td>Jamie Stroble</td>
<td>University of Washington - Seattle</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Morphological and Functional Analysis of Manos and Metates at the Late Imperial Inca Site of Caranqui</td>
<td>Amy Krull</td>
<td>Wayne State University</td>
</tr>
</tbody>
</table>

### 2.17 Economics *Gallagher L09*

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenter</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>NAFTA: In Support of Free Trade</td>
<td>Charles Gray</td>
<td>Salisbury University</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>National Culture: A Determinant of Economic Growth</td>
<td>Anam Abdulla</td>
<td>Lafayette College</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Overcoming Participants’ Barriers to Entry into Mexico’s Formal Economy</td>
<td>Kyle Cook</td>
<td>University of Wisconsin-Whitewater</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Prospects of Introducing the Euro in Bulgaria: Lessons from Greece</td>
<td>Irena Pavlova</td>
<td>State University of New York, Brockport</td>
</tr>
<tr>
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<td>Session</td>
<td>Title</td>
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<tr>
<td>1:30-1:50 p.m.</td>
<td>Middle East Studies</td>
<td>Unveiling Voyeurism: Sexual Domination in Orientalist Art</td>
<td>Carmen Brito</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Middle East Studies</td>
<td>Middle East News Coverage: A Comparative Content Analysis</td>
<td>Andrea Larson</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Middle East Studies</td>
<td>Women’s Rights in Iran: Oppression or Gateway to Opportunity?</td>
<td>Cosette Standridge-Folsom</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Middle East Studies</td>
<td>Journey for Knowledge or Stumbling Around?</td>
<td>Marlen Beltran</td>
</tr>
<tr>
<td>1:30-1:50 p.m.</td>
<td>African Studies</td>
<td>Hope in the Heart of Africa: Alleviating Poverty through Societal Change</td>
<td>Kathleen Grant</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>African Studies</td>
<td>Fight of the Berbers</td>
<td>Katharine Engdahl</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>African Studies</td>
<td>National Responsibility and the Contributing Influences of Colonialism and Neo-colonialism in Corruption: Results from a Critical Ethnographic Fieldwork in Kenya and Tanzania</td>
<td>Cassandra Booker</td>
</tr>
<tr>
<td>1:30-1:50 p.m.</td>
<td>International Studies</td>
<td>Kahal Zur Israel: The First Jewish Congregation of the New World, Recife, Brazil</td>
<td>Sarah Goldenstein</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>International Studies</td>
<td>Let the People Speak! Radio and the Right to Information, Peace, and Development</td>
<td>Chelsea Moore</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>International Studies</td>
<td>Lost in Immigration: Change in Social Context and Political Attitudes Among Mexican American Immigrants</td>
<td>Nathaniel Russell</td>
</tr>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Spanish</td>
<td>Cuba: the Forbidden Country</td>
<td>Brittany Bottoms</td>
</tr>
</tbody>
</table>
## Oral Sessions

### Oral Session 2

**Thursday, April 15, 2010**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:50-2:10 p.m.</td>
<td>ESL: the Good, the Bad and the Ugly</td>
<td>Christine Weathers</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>La Búsqueda del Sueño Americano: The Pursuit of the American Dream as a Primary Motivation for Latino Immigrants</td>
<td>Marie Rawlings</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>The Political Environment in Haiti and How It Is Affecting the Development of New Business in the Country</td>
<td>Kathlyn Desravines</td>
<td>Howard University</td>
</tr>
</tbody>
</table>

### 2.22 Political Science  **Social Sciences 344**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Is There Room for Us, Too? A Qualitative Examination of the Evolving Politicization of Civil Rights Using Multiple Theories</td>
<td>DeMario Greene</td>
<td>Howard University</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Liberalism’s Tendency Toward Political and Economic Imperialism</td>
<td>Hannah Rolston</td>
<td>Seattle University</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Lingering Effects of Slavery in the United States: A Qualitative Exploration Utilizing Critical Race and Social Culture Theories</td>
<td>Kyla Parker</td>
<td>Howard University</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Missoula County Community Council Needs Assessment</td>
<td>Stephanie Strope</td>
<td>The University of Montana</td>
</tr>
</tbody>
</table>

### 2.23 Political Science  **Social Sciences 352**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>The Impact of No Child Left Behind on Educational Innovation in Arkansas</td>
<td>David Kolovson</td>
<td>Hendrix College</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>The Media and Politics Relationship</td>
<td>Justin Caudell</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>The Most Extraordinary Paper: Puffery, Advertising, and Consumer Rationality in the Canadian and U.S. Legal Systems</td>
<td>Maureen Cosgrove</td>
<td>Bowling Green State University</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>The North American Union: Progress at the Price of Sovereignty</td>
<td>Rebekah Gordon</td>
<td>Long Island University</td>
</tr>
</tbody>
</table>

### 2.24 Political Science  **Social Sciences 356**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>A Public Choice and Realist Theory Analysis of Private Military Companies and Their Effects on American Military Strategies Past and Present Using Triangulative Methodology</td>
<td>Travis White</td>
<td>Howard University</td>
</tr>
</tbody>
</table>
### Oral Session 2

#### Thursday, April 15, 2010

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:50-2:10 p.m.</td>
<td>A Qualitative Analysis of the Political Inclusion of Black Women into the American Political System in Relation to Agenda Setting and Mobilization of Leadership Frameworks within the Black Community</td>
<td>Maliza Kalema</td>
<td>Howard University</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>A Reevaluation of Locke’s Consent Theory and Natural Law: a Comparison with the Nuremberg War Crimes Trials</td>
<td>Kathryn Burruss</td>
<td>Seattle University</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>A Strong Legal Doctrine to Protect the Weak Consumer: Assumptions of Contract Theory and the Doctrine of Unconscionability</td>
<td>Lauren Biksacky</td>
<td>Bowling Green State University</td>
</tr>
</tbody>
</table>

#### 2.25 History

**ED 312**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Criminal Intimacies: A Close Look at Sexual Illiberties under National Socialism</td>
<td>Alicia Atwater</td>
<td>Hamline University</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>City Walls as a Political Canvas: Loyalist and Republican Murals in Derry</td>
<td>Laura Elliott</td>
<td>Central Connecticut State University</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Combating Human Trafficking in America: A task-force based approach</td>
<td>James Cooke</td>
<td>John Brown University</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Comparing Development Models in Africa for Efficacy</td>
<td>Emily Nuss</td>
<td>John Brown University</td>
</tr>
</tbody>
</table>

#### 2.26 History

**ED 313**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Revisionist Representation: Native American Identity in Post-1990 Film</td>
<td>Courtney Taylor</td>
<td>Hendrix College</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Rural Remedies: Culture Construction, Education Reform, and the Peasantry in the People’s Republic of China</td>
<td>Shayan Momin</td>
<td>Wayne State University</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>The Buzz about the Beales: Opposing Perspectives on American Royalty</td>
<td>Kevin Santos</td>
<td>Bridgewater State College</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>The Cross and the Compass: A Study of Masonic and Christian Relations in the Eighteenth Century.</td>
<td>Matthew Neely</td>
<td>Western Carolina University</td>
</tr>
</tbody>
</table>

#### 2.27 English

**LA 336**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Sonnets and Sorcery: The Implications and Accessibility of Shakespeare in Roleplaying</td>
<td>Andrew Warnes</td>
<td>Hamline University</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Speak Up: Young Adult Fiction and Its Place in the Literary Canon</td>
<td>Tate Angela</td>
<td>College of Saint Benedict</td>
</tr>
</tbody>
</table>
### Oral Session 2

**Thursday, April 15, 2010**

<table>
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<tr>
<td>2:10-2:30 p.m.</td>
<td>Streamlining Shakespeare: Accessibility and Ideology in Adaptations of <em>The Taming of the Shrew</em></td>
<td>Terrill Barr</td>
<td>Hamline University</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Suffering and Rebirth: The Waste Land, Buddhism, and Hinduism</td>
<td>Brittany Stamey</td>
<td>University of South Florida</td>
</tr>
</tbody>
</table>

#### 2.28 English  
**LA 337**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Albert Camus’ Progression from Mysogynist to Feminist</td>
<td>Stephanie Lilley</td>
<td>Peace College</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Alcoholism: Curse or Cure? The Depiction of Alcoholism in Native American Literature</td>
<td>Andrew Sutton</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Arabian Nights: A Tale of a Thousand Nights</td>
<td>Anthony Liuzzi</td>
<td>Dominican University of California</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Art for Our Sake: The Value of Art in Michael Chabon’s <em>The Amazing Adventures of Kavalier and Clay</em></td>
<td>Gabriel Gibson</td>
<td>Black Hills State University</td>
</tr>
</tbody>
</table>

#### 2.29 English  
**LA 338**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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</tr>
</thead>
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<tr>
<td>1:30-1:50 p.m.</td>
<td>Legitimizing Madness in Maeve Brennan’s “The Visitor”</td>
<td>Emily Holt</td>
<td>Seattle University</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Literary Memetics and the Literary Genome Project</td>
<td>Jeff Bartelli</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Mary Sidney Herbert: the Inclusion of a Female Voice in the Psalms</td>
<td>Elisabeth Oyler</td>
<td>Viterbo University</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Maternal Reflections and Deflections: Understanding Feminine Identity in “Mad Men”</td>
<td>Conley Lyons</td>
<td>Elon University</td>
</tr>
</tbody>
</table>

#### 2.30 English  
**LA 342**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Virginia Woolf: Uncovering History for the Other Half of Humanity</td>
<td>Catherine Wilson</td>
<td>University of Wisconsin-River Falls</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>When Giovanni Becomes Catherine: Laudning the Feminine Honor of the Male Libertine</td>
<td>Kathryn Gunn</td>
<td>University of West Georgia</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Who IS America? : A look into Hollywood’s silent segregation and the use of Shakespeare as a tool for building “America”.</td>
<td>Loren Alfaro</td>
<td>Hamline University</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Who’s to Blame? The Failures of the Legal System in Franz Kafka’s <em>The Trial</em></td>
<td>Anthony Christensen</td>
<td>Utah Valley University</td>
</tr>
</tbody>
</table>
Oral Session 2

2.31 Literature  LA 335

1:30-1:50 p.m. Flannery O’Connor Is Hard to Find: A Biographical Criticism of O’Connor’s Portrayal of the South
Harley Ferris  Jacksonville University

1:50-2:10 p.m. From Badenheim to Bethlehem: Literature of Holocaust Survivors in Israel
Naomi Taub  University of North Carolina, Asheville

2:10-2:30 p.m. From Peon to Professional: Elizabeth Gaskell’s Nightingalian Nurse
Katherine Thomas  Valparaiso University

2:30-2:50 p.m. God’s Secretary: Milton and Shelley leave a message
Sarah Flynn  Gettysburg College

2.32 Creative Writing  LA 334

1:30-1:50 p.m. From the Lakeshore
John Linstrom  Valparaiso University

1:50-2:10 p.m. I Kept a Felt-Tip Pen in My Trousers Pocket
Ellen Orner  Valparaiso University

2:10-2:30 p.m. Imagination: a Journey Through the Mind of Mary Shelley
Elizabeth Browning  Montana State University, Bozeman

2:30-2:50 p.m. Reflections on the Architecture of Sentences
Elizabeth Melby  Virginia Wesleyan College

2.33 Linguistics  LA 106

1:30-1:50 p.m. Language Drift and Rift: The Case of German Loanwords Into English
Micah Korinek  Hamline University

1:50-2:10 p.m. Obligatory Adjuncts
Katelyn Karlson  University of Minnesota, Duluth

2:10-2:30 p.m. Parsing Irish computationally with the Government and Binding theory of syntax
Sean Burke  The University of Montana

3:00-3:20 p.m. Playing Neverland: Theo-Dramatic Analogies Illuminated by Peter Pan
Charles Gillespie  Villanova University

2.34 Philosophy  LA 302

1:30-1:50 p.m. Social Justice
David Rekoski  Juniata College

1:50-2:10 p.m. The Development of Plato’s Philosophy of Language
Emily Kueny  Hendrix College

2:10-2:30 p.m. The Historiography of the Concept of Depression and its Social Consequences
Nicholas Sanford  Western Carolina University

2:30-2:50 p.m. The Role of Women in the Ancient Greek Realm
Morgan Turner  Western Carolina University
# Oral Sessions

## Oral Session 2

### Thursday, April 15, 2010

### 2.35 Philosophy  LA 305

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Knopff, Schopenhauer and the Symbolist Ideal</td>
<td>Lauren Greenspan</td>
<td>Truman State University</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>From Solidarity to Dominance: Pythagorean Ethical Vegetarianism and the Effect of Christianity</td>
<td>Gillian Halusker</td>
<td>Xavier University</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Fides Quaerens Intellectum: Finding Meaning in Anselm’s Proslogium for All Seekers</td>
<td>Stephanie Hulsey</td>
<td>Truman State University</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>“And Man Becomes Better”: Between Eros and Agape in Kierkegaard’s Philosophy of Love</td>
<td>Christopher Whidbey</td>
<td>Seattle University</td>
</tr>
</tbody>
</table>

### 2.36 Religious Studies  Gallagher 108

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>‘Go Back to the Shadow’: Augustinian Evil in Tolkien</td>
<td>James Thomas</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>“Where the Spirit of the Lord is, there is Freedom”: Divine Asenity and the Triune God</td>
<td>Jeffrey Skaff</td>
<td>Hope College</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>“You have Heard it Said…”: Presenting a Ethic of Love and Nonviolence to Evangelicals in Wartime America</td>
<td>David Szczepanik</td>
<td>John Brown University</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Confessing Friendship: Is God a Friend too?</td>
<td>Joshua Messick</td>
<td>Salisbury University</td>
</tr>
</tbody>
</table>

### 2.37 Communications  LA 207

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Becoming a College Student: The First-Year Experience and Organizational Socialization</td>
<td>Kelly Carew</td>
<td>North Central College</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Changing the Paradigm: Learning from the Media’s Successes and Failures in the Internet Age</td>
<td>Morgan Little</td>
<td>Elon University</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Communication Dynamics of the Adult ESL Classroom</td>
<td>Kristin Perry</td>
<td>Hamline University</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Through The Static: The Current Crisis and Future of Local Radio</td>
<td>Michelle Bistrica</td>
<td>Westminster College</td>
</tr>
</tbody>
</table>

### 2.38 Sociology  LA 234

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>The Effect of the Massachusetts Health Reform and Mandated College Sponsored Plan on Bridgewater State College Students Access to Healthcare</td>
<td>Lisa-Marie Guzman</td>
<td>Bridgewater State College</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>The Effects of Second Home Development: Comparing the Community Attachment of Residents in a Small Appalachian Community</td>
<td>Morgan Childers</td>
<td>Western Carolina University</td>
</tr>
</tbody>
</table>
### Oral Session 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Racial Misconceptions on the Silver Screen: Looking at African Americans and Blacks</td>
<td>Patrick Depass</td>
<td>University of Florida</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>The Epidemic of HIV among African American Women in the United States</td>
<td>Brittany-Arpel Thomas</td>
<td>Sacramento State University</td>
</tr>
<tr>
<td><strong>2.39</strong> Sociology</td>
<td><strong>LA 235</strong></td>
<td></td>
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</tr>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Christine Collins: The True Changeling in the Fight to Find her Son</td>
<td>Ashley Hurley, Katelyn Olsen</td>
<td>Bridgewater State College</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Collective Guilt and Group Influence</td>
<td>Casey Mitchell</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Conspicuous Consumption’s ‘evolution’ to the 21st century: A study of consumption among population demographics</td>
<td>Myrah Scruggs</td>
<td>University of Kentucky</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Does “He” Imply “She”? The Effects of Gendered Language on Implicit Associations</td>
<td>Kendra Halverson</td>
<td>The University of Montana</td>
</tr>
<tr>
<td><strong>2.40</strong> Film Studies</td>
<td><strong>Gallagher 122</strong></td>
<td></td>
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</tr>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Darkness</td>
<td>Joseph Veltkamp</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Humanizing Death Scenes: Optimism created through the camera in The Wire</td>
<td>Laura Langley</td>
<td>Hendrix College</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Keepin On: A Film About the Adam Ezra Group</td>
<td>Lea Furutani</td>
<td>Colgate University</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Killing a Symbolic Father: Perpetuating Masculine Violence in Gran Torino</td>
<td>Todd Ollis</td>
<td>University of West Georgia</td>
</tr>
<tr>
<td><strong>2.41</strong> Studio Art</td>
<td><strong>UC 330</strong></td>
<td></td>
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</tr>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Beauty is Pain: A Mixed Media Exploitation</td>
<td>Argieline Mitra</td>
<td>Jacksonville University</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Clay As Canvas: Reimagining the Potential of the Ceramic Surface</td>
<td>Paula Traut</td>
<td>College of Saint Benedict</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Drawing a Dew Drop: Connecting the Dissimilar through Imagery</td>
<td>Ellen Schroeder</td>
<td>Xavier University</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Experimental Hydraulic Forming</td>
<td>Gretchen Yeo</td>
<td>University of Wisconsin-Whitewater</td>
</tr>
<tr>
<td><strong>2.42</strong> Studio Art</td>
<td><strong>UC Lounge</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Artificial Humanity: A Series of Monoprints</td>
<td>Jenna Zavala</td>
<td>Xavier University</td>
</tr>
</tbody>
</table>
## Oral Sessions

### Oral Session 2

<table>
<thead>
<tr>
<th>Time</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Artistic Appetite</td>
<td>Amy Sturtevant</td>
<td>Salisbury University</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Ceramic Furniture: Southern Culture and Personal Memory.</td>
<td>Kenneth Adams</td>
<td>Jacksonville University</td>
</tr>
</tbody>
</table>

#### 2.43 Art History  
**UC 326**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Portrait of a Young Woman as Lucretia</td>
<td>Shedden Britney</td>
<td>Rhodes College and St. Jude Childrens</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Reinterpreting la Granada in Bronzino’s portrait Eleonora of Toledo with her Son</td>
<td>Emily Jenkins</td>
<td>Rhodes College and St. Jude Childrens</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Revelations on Gender Boundaries in Angelica Kauffman’s “Odysseus Discovering Achilles amongst the Daughters of Lycomedes”</td>
<td>Christina Johnson</td>
<td>Furman University</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Rich or Poor: The Value of Money</td>
<td>Lillie Grace</td>
<td>Montana State University Billings</td>
</tr>
</tbody>
</table>

#### 2.44 Music  
**Music 105**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Sunrise, Sunset: Fiddler on the Roof as an allegory of Women’s changing roles in the 1960s</td>
<td>Susannah Cragwick</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Teaching Russian Repertoire to American Students</td>
<td>Yelyzaveta Shpileyko</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Teaching Technique with Musicality: The Need for Clear Pedagogical Methods When Teaching Beginning Percussion Students</td>
<td>Evan Small</td>
<td>Elon University</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Technology and Its Impact on Music in the Twentieth Century: A Digital Duet</td>
<td>Matthew Palmeira</td>
<td>University of Central Florida</td>
</tr>
</tbody>
</table>

#### 2.45 Music  
**Music Recital Hall**

<table>
<thead>
<tr>
<th>Time</th>
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<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Addressing the Issues of Race and Class Surrounding George Gershwin’s Porgy and Bess</td>
<td>Matthew Wilson</td>
<td>Appalachian State University</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>An Emerging Pedagogy for Finger-Style Guitar</td>
<td>Joshua Lane</td>
<td>University of Wisconsin-Milwaukee</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Analyzing 20th Century Music for Performance</td>
<td>Jason Ethridge</td>
<td>Furman University</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Assessment of ability of nursing home residence with Dementia to imitate and spontaneously perform rhythmic patterns with accents and complex rhythmic structure</td>
<td>Amber Tappe, Anthony Schuh</td>
<td>University of Wisconsin-Eau Claire</td>
</tr>
</tbody>
</table>
Oral Session 2

2.46 Theater/Drama  *Masquer Theater PAR/TV*

1:30-1:50 p.m.  Breaking the Code: Practical Application of the Katherine J. Farmer Semiotic Model  
Wendy Gourley  *Utah Valley University*

1:50-2:10 p.m.  Cross-cultural Collaboration: The Design of Anton Chekhov’s ‘Three Sisters’  
Meghan McKinney  *University of Northern Iowa*

2:10-2:30 p.m.  Designing a Set for Shakespeare’s “Hamlet”  
Johanna Josephian  *The University of Montana*

2:30-2:50 p.m.  Dog Bless America  
Jacob Dewar  *North Central College*

2.47 Dance  *PAR-TV Open Space*

1:30-1:50 p.m.  Women in Dance: Overcoming Objectification and Subordination  
Brigid Gillis  *State University of New York, Brockport*

1:50-2:10 p.m.  An Other Peace: An Integrated Approach to Mental and Emotional Well-Being  
Ashley Hannan  *Utah Valley University*

2:10-2:30 p.m.  Butoh Reflects Japanese Culture  
Nichol Christensen  *Utah Valley University*

2:30-2:50 p.m.  Gender and Kathakali: Is the “Essence” of Femininity enough?  
Megan Wiltshire  *The University of Montana*

2.48 Architecture  *Gallagher L04*

1:30-1:50 p.m.  Sacred Spaces: A Path of Mystery  
Daisy Alonso  *Appalachian State University*

1:50-2:10 p.m.  True Colors of “Green” Design: A Deeper Look  
Sarodh De Almeida  *University of Wisconsin-Stevens Point*

2:10-2:30 p.m.  81 Years: The Colonial Revival and One Family’s Home  
Kati Schmidt  *Valparaiso University*

2:30-2:50 p.m.  Building a Bi-Communal Bridge: Nicosia, Cyprus  
Woody Hanson  *University of Minnesota, Twin Cities*

2.49 Accounting  *Gallagher 123*

1:30-1:50 p.m.  The Global Reporting Initiative and Its Impact on Sustainability Efforts  
Amanda Barker  *The University of Montana*

1:50-2:10 p.m.  The Adoption of IFRS in China  
Sally Qianyun Yang  *Truman State University*

2:10-2:30 p.m.  International Financial Reporting Standards: Implementation vs. Vacillation?  
Cyle Schneider  *St. Norbert College*

2:30-2:50 p.m.  Derivatives in the Classroom  
Heather Bergman  *The University of Montana*
## Oral Sessions

### Oral Session 2

#### 2.50 Marketing  
*Gallagher 106*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Priming Effects on High Fructose Corn Syrup Consumption</td>
<td>Danielle Geeza, Ianne Weber</td>
<td>The College of New Jersey</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Self-Identity and the Foods We Eat</td>
<td>Racquel Alston</td>
<td>Marymount Manhattan College</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Humane Society Market Research</td>
<td>Emily Cann</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Drunkorexia: Exploring the Relationship between Binge Drinking, Excessive Exercise and Calorie Switching</td>
<td>Anthony Vicidomini</td>
<td>The College of New Jersey</td>
</tr>
</tbody>
</table>

#### 2.51 Education  
*ED 241*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Maintenance of Gains from Phonological Awareness Interventions in Language Impaired Preschoolers</td>
<td>Mara Hampton</td>
<td>Eastern Illinois University</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Freshmen Composition</td>
<td>Jessica Womack</td>
<td>Jacksonville University</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>The Parental Role in the Education of English Language Learners</td>
<td>Laura Lightfoot</td>
<td>Dominican University of California</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>The Effectiveness of Play Therapy Language used during Peer Mentoring Sessions between Kindergarten and 5th grade students</td>
<td>Sarah Vavreck</td>
<td>Elon University</td>
</tr>
</tbody>
</table>

#### 2.52 Health & Human Performance  
*McGill 210*

<table>
<thead>
<tr>
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<th>Institution</th>
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<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Comparison of the Perfect Push-Up to handles and the traditional method</td>
<td>Jed Farley</td>
<td>Utah Valley University</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>A Comparison of Joint-Specific Power and Fatigue During Intermittent High Intensity Cycling</td>
<td>Sara Hahn</td>
<td>University of Utah</td>
</tr>
<tr>
<td>2:10-2:30 p.m.</td>
<td>Effects of External Stimuli on Cycling Performance</td>
<td>Alyssa Younkin</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Ceramide-induced disruption of endothelial nitric oxide synthase dimerization in bovine aortic endothelial cells (BAECs) is not secondary to peroxynitrite formation</td>
<td>Christopher Kowalski</td>
<td>University of Utah</td>
</tr>
</tbody>
</table>

#### 2.53 Nutrition & Food Science  
*McGill 237*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30-1:50 p.m.</td>
<td>Body Image Satisfaction and Eating Characteristics of High School and College Students</td>
<td>Katharine Butler</td>
<td>Lubbock Christian University</td>
</tr>
<tr>
<td>1:50-2:10 p.m.</td>
<td>Maternal Vitamin K and Offspring Mineralization in Mus musculus</td>
<td>Tia Filhiol</td>
<td>Auburn University</td>
</tr>
</tbody>
</table>
Oral Session 2

Thursday, April 15, 2010

2:10-2:30 p.m. The Microbiology of Raw Milk: Organic vs. Conventional
Kimberly Altenhofen  University of Wisconsin-River Falls

2:30-2:50 p.m. The New Face of Farmer’s Markets
Brittney Dunlop  University of Florida

2.54  Social Work  LA 243

1:30-1:50 p.m. Probing the Inaccuracies of the Mini-Mental State Exam (MMSE) as a Preliminary Assessment for Dementia
Kasey Stevenson  Ithaca College

1:50-2:10 p.m. Siblings of Children with Autism: An Exploratory Study of Sibling Concerns and Coping Strategies
Mary Canha  Bridgewater State College

2:10-2:30 p.m. The Modern History of Human Trafficking in Texas
Brittany Jurica  John Brown University

2:30-2:50 p.m. Treatment Effectiveness with Co-Occurring Disorders
Michelle Webb  Capital University

2.55  Interdisciplinary Studies  Gallagher 226

1:30-1:50 p.m. Fact and Fantasy: The Impact of King Arthur on the Culture of Medieval Britain
Lindsey Seader  John Brown University

1:50-2:10 p.m. Female Objectivity: From Delacroix to Dior
Phillipa Armes  Dominican University of California

2:10-2:30 p.m. Global Hunger: Relief Fallacies and Keys to Solution
Kasey Sousa, Christopher Garson, Fidele Ishimwe  Jacksonville University
Oral Session 3

3.01 Biology Health Sciences 207

3:00-3:20 p.m. A Study of Startle Response in Ostariophysi
    Shanthi Cariappa Adelphi University

3:20-3:40 p.m. Age determination of blacknose shark, Carcharhinus acronotus, and the spiny dogfish, Squalus acanthias, by dorsal spine and vertebrae methods
    Denise Bortnak University of South Florida

3:40-4:00 p.m. Burst Swimming Performance of Reintroduced Juvenile Coho Salmon in the Columbia Basin
    Megan Korst, Gerald Claghorn Eastern Washington University

4:00-4:20 p.m. Linking Large-scale Geomorphic Characteristics to Small-scale Fish Distribution Patterns in a Wisconsin River
    Jacob Ring, Matthew Jacobson, Isaac Kruse, Alexandra Karosas University of Wisconsin-Eau Claire

3.02 Microbiology Urey

3:00-3:20 p.m. Optimization of Fluorescent Staining Methods to Quantify Microbial Communities in Black Smoker Hydrothermal Chimneys
    Sarah Thalhamer East Carolina University

3:20-3:40 p.m. Analysis of Inhibition Potential of Four Strains of Saccharomyces Cerevisiae on Growth of Spoilage Hormones Organisms of Post-Fermentation Beer
    Erica Sloma Wells College

3:40-4:00 p.m. The Role of SLX8 in Transcriptional Silencing in Yeast
    Lindsey Stavola University of Miami

4:00-4:20 p.m. Evolution in Action: Experimental Evolution of de novo Yeast Hybrids
    Alison Stanbery The University of Montana

3.03 Biochemistry ISB 110

3:00-3:20 p.m. Slug glue... the next medical adhesive?
    Ashley Bell Ithaca College

3:20-3:40 p.m. Choose Your Poison: Variation of Injected Venom Between Individual Conus catus Marine Snails
    Erik King Occidental College

3:40-4:00 p.m. Developing a Novel Method to Find Molecules with Preventative UV Properties
    Sunny Huang University of Southern Indiana

4:00-4:20 p.m. Gene Regulation: X-Ray Crystallographic Structure Determination for FoxO 1 Forkhead Protein
    Eric Gilland University of Kentucky
## Oral Session 3

### 3 04 Zoology  
**Skaggs 114**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00-3:20 p.m.</td>
<td>Tail Autotomy and Dominance in <em>Uta stansburiana,</em> the side-blotched lizard.</td>
<td>Lauren White</td>
<td>Oklahoma State University</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>Geographic Distribution of the Parthenogenic Checkered Whiptail Lizard, <em>Aspidoscelis tesselata,</em> in Southeast Colorado</td>
<td>Anthony Wilmes</td>
<td>Truman State University</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>Texas Coral Snake Predation and Ring Pattern: Color or Contrast?</td>
<td>Susanna Hunter</td>
<td>Hendrix College</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Head Shape and Agonistic Behavior in the Salamanders <em>Eurycea aquatica</em> and <em>E. cirrigera</em></td>
<td>Michael Alcorn</td>
<td>Auburn University</td>
</tr>
</tbody>
</table>

### 3.05 Chemistry  
**Chem 123**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00-3:20 p.m.</td>
<td>An Application of Tracer Monitored Titrations in Complexation Reactions with Ca2+</td>
<td>David Elison</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>Investigating the Diffusion of Trihalomethanes through Polymeric Membranes Using Flame Ionization Detection</td>
<td>Ian Anderson</td>
<td>State University of New York, Brockport</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>Atomic Absorption Determination of Mercury in Local Freshwater Fish Using a Home-Built Cold Vapor Generator</td>
<td>Emery Brown</td>
<td>Truman State University</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Investigation of Succinate Dianion Structure in Liquid-Crystal Solution by Nuclear Magnetic Resonance (NMR)</td>
<td>Yuyang Fan</td>
<td>Grinnell College</td>
</tr>
</tbody>
</table>

### 3.06 Chemistry  
**Skaggs 117**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00-3:20 p.m.</td>
<td>Controlled Hybridization Properties of DNA Probes Immobilized Using Preferential DNA-Substrate Interactions</td>
<td>Sarah Schreiner</td>
<td>University of Wisconsin-La Crosse</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>Intramolecular Oxidation of O,S-Dimethyl Methylphosphonothiolate</td>
<td>Chris Jeffrey</td>
<td>Truman State University</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>Preparation of O-GalNAc-a-Serine Nonapeptide for Structural Study</td>
<td>Elyse Davey</td>
<td>Colgate University</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Nanoporous Silica Polyamine Composites from Rice Hull Ash</td>
<td>Matthew Berlin</td>
<td>The University of Montana</td>
</tr>
</tbody>
</table>
Oral Sessions

Oral Session 3

3.07 Environmental Science Library Buckhouse

3:00-3:20 p.m. Reconstructing Historical Environmental Conditions in Pittsburgh Using Tree Ring Metal Concentrations.
Amelia Johnson University of Pittsburgh

3:20-3:40 p.m. Efficacy of Riparian Area Setback Regulations in Western Montana
Michael Ewald The University of Montana

3:40-4:00 p.m. Using Rapid Prototyping as a Way to Visualize Subsurface Hydrology
Anne Chon Milwaukee School of Engineering

4:00-4:20 p.m. The Effect of No-till Land Management Practices on Carbon Sequestration
Andrew Leffler Luther College

3.08 Physics Clapp 131

3:00-3:20 p.m. Chaos: Examining Dynamic Behavior in a Lorenzian Waterwheel
Jeanette Powers Rockhurst University

3:20-3:40 p.m. Effectiveness of SLA Instruction in Rotational Kinematics
Elliot Michel Grand Valley State University

3:40-4:00 p.m. The Effects of Stochastic Variables in the Startup of an Nd:YAG Laser
Dominik Wermus Virginia Military Institute

4:00-4:20 p.m. Time Resolved Magneto-Optical Imaging of Pure and Pinned YBa2Cu3O7
Christopher Pelliccione University of Hartford

3.09 Psychology Gallagher 201

3:00-3:20 p.m. Forensic Interview Quality in Child Abuse Cases
Erin Swedish University of Toledo

3:20-3:40 p.m. Grooving to the Beat of Dangerous Driving
Jesse Thomas East Tennessee State University

3:40-4:00 p.m. Impact of Ovarian Hormones and Chronic Stress on Anxiety
Bernard Rahming Marquette University

4:00-4:20 p.m. Initial Smoking Reactions in Adolescents Do Not Predict Cessation Success
Rosaire Daigle University of Memphis

3.10 Psychology Gallagher 202

3:00-3:20 p.m. The relationship between social support and burnout
Chelsey White Hendrix College

3:20-3:40 p.m. Time perception, locus of control and self concept in college students with and without significant attention problems
Patricia Serdy Elon University
**Oral Session 3**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:40-4:00 p.m.</td>
<td>Two Musics in One Brain: A Near Infrared Spectroscopy Study of Music Bilingualism</td>
<td>Kurtis Gruters</td>
<td>University of Rochester</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Video Game Addiction and Time Perception</td>
<td>David Westmark, Brianna Rice, Derek Wiederholt, Aaron Rehlinger</td>
<td>University of Wisconsin-Stout</td>
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</tbody>
</table>

**3.11 Mathematical Sciences  Old Journalism 217**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00-3:20 p.m.</td>
<td>The Art of Square Dancing: Math in Motion</td>
<td>Christina Lorenzo</td>
<td>North Central College</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>The Center for Athletic Scheduling at UWSP</td>
<td>Kyle Gorski</td>
<td>University of Wisconsin-Stevens Point</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>Method to Our Madness</td>
<td>Kevin Harris</td>
<td>North Carolina Agricultural and Technical State University</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Fair Sharing of Divisible Goods</td>
<td>Donald Thompson II</td>
<td>Northwestern University</td>
</tr>
</tbody>
</table>

**3.12 Computer Science  NULH**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00-3:20 p.m.</td>
<td>X-Bot: A Practical Integrated Systems Design</td>
<td>Kyle Sullivan</td>
<td>United States Military Academy</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>Analysis and Exploitation of Magnetic Access Cards in a Networked Environment</td>
<td>Eric Fulton</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>Swimmer’s Autonomous Lap Counter</td>
<td>Perl Allen</td>
<td>Utah Valley State College</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Integrating Robots into Networks</td>
<td>Thomas Barton</td>
<td>United States Military Academy</td>
</tr>
</tbody>
</table>

**3.13 Electrical Engineering  UC 331**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00-3:20 p.m.</td>
<td>Underwater Remotely Operated Vehicles</td>
<td>Corey Shimabukuro, Cyrus Legg, Christian Daoud, Andy Pham, Kanekawaiola Lindsey</td>
<td>Kapiolani Community College</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>Visualization and Analysis of the Combustion of Alternative Fuels for the Replacement of Coal in Energy Production</td>
<td>Stephen Livingston, Jager Livingston</td>
<td>Auburn University</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>SentinelBot</td>
<td>John Kimtis</td>
<td>United States Military Academy</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Strain Rate Dependency of Metal Matrix Composite Mechanical Properties</td>
<td>Michael Gobble</td>
<td>United States Naval Academy</td>
</tr>
</tbody>
</table>

**3.14 Bioengineering  Old Journalism 304**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00-3:20 p.m.</td>
<td>Counterintuitive Effects of Quorum Sensing On Biofilm Antibiotic Tolerance</td>
<td>Trevor Zuroff</td>
<td>Montana State University, Bozeman</td>
</tr>
</tbody>
</table>
# Oral Session 3

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>3:20-3:40 p.m.</td>
<td>Mimicking the Extracellular Matrix: Physical Characteristics of a Gelatin-Based, Cross-Linked Hydrogel Dressing</td>
<td>Ashlee Byrnes</td>
<td>The College of Idaho</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>Effect of Molecular Weight of Chitosan Degraded by Microwave Irradiation on Bone Tissue Engineering Applications</td>
<td>Marvin Mecwan</td>
<td>University of Memphis</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Techniques to endow allograft bone with an antibiotic-releasing, polymer-controlled surface coating.</td>
<td>Sherry Davidoff</td>
<td>University of Utah</td>
</tr>
</tbody>
</table>

## 3.15 Anthropology  
**ED 314**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>3:00-3:20 p.m.</td>
<td>Occaneechi Eagles: An Ethnography of Walking in Two Worlds</td>
<td>S. Angela Ramer</td>
<td>Elon University</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>Risky Business: Ways Of Defining High Risk at a Low-Income Woman’s Health Clinic</td>
<td>Mallory Gill</td>
<td>University of Maryland, College Park</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>Social &amp; Spatial Analysis of Fort Ord Architecture: The Transformation of the use of Army Barracks into University Residential Halls</td>
<td>erin Benzer</td>
<td>California State University, Monterey Bay</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Social Selection: Rifts Revealed through Vaccination Prioritization</td>
<td>Rebecca Goodwin</td>
<td>College of Idaho</td>
</tr>
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</table>

## 3.16 Economics  
**Gallagher L09**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00-3:20 p.m.</td>
<td>“Effects of Dollarization as Demonstrated by the Case of Panama”</td>
<td>Kymra Stibel</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>Alcohol Control and Drinking Behavior</td>
<td>Daniel Dimant</td>
<td>Hartwick College</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>An Econometric Analysis Of U.S Health Care: Does Higher Spending Translate Into Better Outcomes?</td>
<td>Khalid Adam</td>
<td>Augsburg College</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Analysis of Estimated Costs and Investment Feasibility of Transitioning to an Ellepot Production System</td>
<td>Ted Cannady</td>
<td>University of Wisconsin-River Falls</td>
</tr>
</tbody>
</table>

## 3.17 Economics  
**Gallagher L11**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00-3:20 p.m.</td>
<td>Residual Differences in Data Reduction Techniques</td>
<td>Joseph Carroll Jr</td>
<td>University of Wisconsin-Whitewater</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>Risk Preferences, Irrationality and Academic Experience in Economics: An Empirical Investigation</td>
<td>Zhengyi Zhou</td>
<td>Occidental College</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>St. Norbert College Paper Usage…Who Cares About That?</td>
<td>Kevin Steiner</td>
<td>St. Norbert College</td>
</tr>
</tbody>
</table>
### Oral Session 3

**4:00-4:20 p.m. The Benefit Reduction Rate for Social Welfare Programs: The Case of Buncombe County, North Carolina**  
Jessie Luney  
*University of North Carolina, Asheville*

### 3.18 African-American Studies  
**Gallagher L13**

**3:00-3:20 p.m.**  
"Mother’s of a Race, Mother’s of a Movement": UNIA Women’s Struggle for Empowerment  
Joshua Kieser  
*The University of Montana*

**3:20-3:40 p.m.**  
Dykes on Mics: The Lesbian in Hip-Hop  
Daniel Haack  
*Ithaca College*

**3:40-4:00 p.m.**  
A Critical Analysis of President Barack Obama: A Qualitative Assessment of the Criticisms of Black Civil Leaders and scholars  
Edward Hill  
*Howard University*

**4:00-4:20 p.m.**  
African Americans and the Quest for True Equality: A Qualitative Exploration of the Beliefs, Attitudes and Behavior of the Black Culture Regarding Civil Rights  
Charmese Wilson  
*Howard University*

### 3.19 International-Global Studies  
**Gallagher L14**

**3:00-3:20 p.m.**  
Medicine for Money: A Glance at the Future of Pharmaceutical Patents as Intellectual Property  
Lara Assaf  
*Hendrix College*

**3:20-3:40 p.m.**  
Short-Term Study Abroad: Road to Global Citizenship?  
Kristy Hogue  
*University of Washington - Seattle*

**3:40-4:00 p.m.**  
South Korea and Mexico: A Study of Different Economic Development Methods  
Lindsey Haney  
*Salisbury University*

**4:00-4:20 p.m.**  
Spanish Democracy and Minority Rights: The Struggle Between Centrality and Diversity  
Clara Fisher  
*Lafayette College*

### 3.20 Latin American Studies  
**LA 204**

**3:00-3:20 p.m.**  
Cultural Sovereignty and Coca: Casualties of the Failed U.S. War on Drugs in Bolivia  
Molly Reynolds  
*Valparaiso University*

**3:20-3:40 p.m.**  
Maricones, Bujarrones, and Machismo: Homosexuality in Latin America  
Joshua Edge  
*Transylvania University*

**3:40-4:00 p.m.**  
The Culture of Drought in the Brazilian Backlands, 1870-1915  
Kelly Spracklin  
*Albright College*

**4:00-4:20 p.m.**  
Spanglish: A Linguistic Exploration of the Texas-Mexico Border  
Kathleen Rice  
*Hendrix College*
## Oral Sessions

### Oral Session 3

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Participant</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00-3:20 p.m.</td>
<td>Living Single: A Qualitative Analysis of the Deconstruction of the Black Family Using the Family Cultural Theory</td>
<td>Grace Salvant</td>
<td>Howard University</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>Not Too Much, Not Too Little: Public Perceptions of Candidate Displays of Emotion</td>
<td>Meghan Joiner</td>
<td>Hendrix College</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Oil and Democracy</td>
<td>Brad Semma</td>
<td>Western Carolina University</td>
</tr>
</tbody>
</table>

### 3.22 Political Science  SS 352

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Participant</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00-3:20 p.m.</td>
<td>The Paradox of United States Empire: Prospects for Avoiding a Cataclysmic Power Struggle through a Peaceful Transition to Multipolarity</td>
<td>Jadon Marianetti</td>
<td>University of West Georgia</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>The Philosophy of Pornography and the Political Ramifications of the Adult Entertainment Industry: A Libertarian Exploration</td>
<td>Charles Beavers II</td>
<td>Howard University</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>The Spectacle of American Politics</td>
<td>Joshua McDonald</td>
<td>Black Hills State University</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>The United Kingdom and the Euro: A Political-Econometric Analysis</td>
<td>Brian Gilbert</td>
<td>Susquehanna University</td>
</tr>
</tbody>
</table>

### 3.23 Political Science  SS 356

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Participant</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00-3:20 p.m.</td>
<td>A Study in Park Development: Creating Patagonia National Park</td>
<td>Elena Bantle</td>
<td>University of Wisconsin-La Crosse</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>A Triangulative Analysis of the Effects of the World Wide Recession and the Negligence of the American Public Using the Capitalist Theory</td>
<td>Adam Salters</td>
<td>Howard University</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>Adam Smith's Visible Hand: Public-Private Partnerships in Multilateral Economic Institutions</td>
<td>Kathryn Olp</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Addressing Development in Wilcox County, Alabama by Utilizing Expanding Economic Clusters</td>
<td>Clark Solomon</td>
<td>Auburn University</td>
</tr>
</tbody>
</table>
Oral Session 3

3.24 History  ED 123

3:00-3:20 p.m.  The Straw that Broke the Camel’s Back: How US Foreign Policy Helped Bring Down Salvador Allende  Jonathan Graber  Truman State University


3:40-4:00 p.m.  Intensified Animosity Between the Anaconda Copper Mining Company and the Industrial Workers of the World: The 1917 Lynching of Union Organizer Frank Little  Mike McDonald  The University of Montana

4:00-4:20 p.m.  Southern Honor and the Brooks-Sumner Affair  Dallas Hanbury  University of Montevallo

3.25 History  ED 312

3:00-3:20 p.m.  Crisis in Kosovo: The Ethical Dilemma of Humanitarian Intervention  Andrew Dusek  The University of Montana

3:20-3:40 p.m.  Revisionist History: Changing Scholarship on East Indians in the Great War  Anna Russell  Xavier University

3:40-4:00 p.m.  Documentary Film in the 21st Century: A Call for Engaging the Proliferation of Technology and Visual Communication in a Democratic Society  Tess Holman  Utah Valley University

4:00-4:20 p.m.  Domestic Workers; When the Help Becomes Family  Eleni Skarpos  Bridgewater State College

3.26 History  ED 313

3:00-3:20 p.m.  The Fight the South Fought: An Exploration of Perseverance in the Civil War South  Amy Bousquet  Bridgewater State College

3:20-3:40 p.m.  The Good and the Abhorrent Wars: Applying a Model of Student Movements to the University of North Carolina at Chapel Hill  Lauren Mottle  Elon University

3:40-4:00 p.m.  The Hidden Message in a Soldier’s Letters  Jenny Jessup  Western Carolina University

4:00-4:20 p.m.  The Islamic State under Umar the Great and its Parallelism with the Modern Democratic State  Ly Nguyen  State University of New York, Brockport

3.27 English  LA 336

3:00-3:20 p.m.  Ted Hughes’ Crow as an Embodied Id: the Dual Figure of Survival and Death  Sumner Gann  University of West Georgia
Oral Session 3

Thursday, April 15, 2010

Oral Session 3

3:20-3:40 p.m.  Televisual America in Crisis: Postmodern Identity and Escapist Entertainment in Scott Bradfield’s The History of Luminous Motion  
Matthew Liner  
University of West Georgia

3:40-4:00 p.m.  The Aesthetics of Slavery: Platonic Racism in Two Postbellum Novels  
Allison Hericks  
Seattle University

4:00-4:20 p.m.  The Austen Heroine: Perception, Judgment and Development  
Jennifer Bray  
Gettysburg College

3.28  English  LA 337

3:00-3:20 p.m.  Borders with Thorns: Barbed Wire, Property Law, and Native American Identity in Leslie Marmon Silko’s Ceremony  
Natasha Godwin  
University of West Georgia

3:20-3:40 p.m.  Changing Hierarchies In Early America  
Justine Burggraff  
Black Hills State University

3:40-4:00 p.m.  Chinua Achebe’s Things Fall Apart as Classic Tragedy  
Caitlin Bladt  
Truman State University

4:00-4:20 p.m.  John Okada’s Missing Link to American History  
Samuel Hirt, Imari Smith  
Hope College

3.29  English  LA 338

3:00-3:20 p.m.  Montage of a Dream Deferred: A Dance Translation  
Lilia Oakey  
Valparaiso University

3:20-3:40 p.m.  Morrigan and Madonna: The Female Other in Sir Gawain and the Green Knight  
Kathleen Flynn  
Gettysburg College

3:40-4:00 p.m.  Motherhood and Sexuality in New Woman Fiction: George Egerton Redefines the Ideal Woman  
Arwen Varner  
Elon University

4:00-4:20 p.m.  No Place Like Home?: Exploring the Use of Humor as a Rhetorical Device to Overcome Cultural Anxiety in Contemporary Travel Narratives  
Cohn Jenae  
University of California, Los Angeles

3.30  English  LA 342

3:00-3:20 p.m.  Why Word Choice Matters: A Linguistic Category Analysis of the Twilight Series  
Austin MacKenzie  
University of Wisconsin-La Crosse

3:20-3:40 p.m.  Women and Antebellum Patriarchy: The Diaries of Mary Boykin Chesnut and Harriet Jacobs  
Amanda Rinkel  
Seattle University

3:40-4:00 p.m.  Wife Selling and Moral Bankruptcy: A Critique of Victorian Marriage as Economic Transaction in Thomas Hardy’s “The Mayor of Casterbridge”  
Jenna McNair  
Elon University
### Oral Sessions

#### Oral Session 3

<table>
<thead>
<tr>
<th>3.31 Literature</th>
<th>LA 335</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00-3:20 p.m.</td>
<td>He Proclaims Uhuru: Understanding Caliban as a Speaking Subject</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>Madness, the Disordered Mind and the Asylum in the Gothic Novels of Anne, Emily and Charlotte Brontë</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>Mightier Than the Sword: Words Save Literary Heroines from the Claws of Fate</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Mimesis and Identity Theft in Coleridge’s “Christabel”</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>3.32 Poetry/English</th>
<th>LA 334</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00-3:20 p.m.</td>
<td>Delphi - Love Affairs with Anxiety and Influence</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>When the Dust Settles: Readings from my Senior Thesis and Other Works</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>Daily Life and “Universal Insights” in the Poetry of Seamus Heaney</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>The Sensual Poetry of Two Saints: The East and West Converge</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3.33 Humanities</th>
<th>LA 106</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00-3:20 p.m.</td>
<td>Playing Neverland: Theo-Dramatic Analogies Illuminated by Peter Pan</td>
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<tr>
<td>3:20-3:40 p.m.</td>
<td>Playing with the Atom: Portrayal of Atomic Technologies to the Children of the 1940s-1950s</td>
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<tr>
<td>3:40-4:00 p.m.</td>
<td>Reawakening to an Everyday Sublime at Walden Pond and Lake Michigan</td>
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<tr>
<td>4:00-4:20 p.m.</td>
<td>The Dialogic Freedom of the Fake Press: Jon Stewart, Stephen Colbert, and the Onion</td>
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<thead>
<tr>
<th>3.34 Philosophy</th>
<th>LA 302</th>
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</thead>
<tbody>
<tr>
<td>3:00-3:20 p.m.</td>
<td>To Be, or To Become...</td>
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<tr>
<td>3:20-3:40 p.m.</td>
<td>Untimely Sallies: Reading Don Quixote from Nietzsche’s Perspective of Life</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>Whole in One: An Inductive Argument that Metapatterns are Evidence for the Expression Monism Cosmological Model as an Accurate Model of Reality</td>
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</table>
### Oral Session 3

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Why Does Socrates remain quiet about Imperialism, While Pericles Praises it So Highly?</td>
<td>Morgan Turner</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td><strong>3.35</strong> Philosophy</td>
<td><strong>LA 305</strong></td>
<td></td>
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</tr>
<tr>
<td>3:00-3:20 p.m.</td>
<td>A Moral Investigation of Torture in the Post 9/11 World</td>
<td>Joseph Moloney</td>
<td>Bridgewater State College</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>Battle of the Apocalypse: Science Vs. Religion</td>
<td>Rebecca McLaughlin</td>
<td>Bridgewater State College</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>Deconstructing Descartes’ Deceiver: A Pragmatic Glance at Cartesian Epistemology</td>
<td>Jordan Biltoff</td>
<td>Eastern Washington University</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Derrida’s Re-Thinking of an “Unfortunate Necessity”</td>
<td>Marshall Solomon</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td><strong>3.36</strong> Religious Studies</td>
<td><strong>Gallagher 108</strong></td>
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<tr>
<td>3:00-3:20 p.m.</td>
<td>Deeper in the Beyond: Apophatic Mystical Practice as a Transcendent Vehicle</td>
<td>Anne Ryan</td>
<td>Dominican University of California</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>Describing Matilda: Language, Gender Roles, and the Medieval Church</td>
<td>Elizabeth Wiedenheft</td>
<td>University of Northern Iowa</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>Eugene England’s Calculated Risk: The Struggle for Academic Freedom and Religious Dialogue</td>
<td>Charlotte Hansen</td>
<td>University of Utah</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>For God so Loved the World: Exploring the Hope of a Renewed Creation*</td>
<td>Jennifer Stinnett, Alexander Thompson</td>
<td>University of Evansville</td>
</tr>
<tr>
<td><strong>3.37</strong> Communications</td>
<td><strong>LA 207</strong></td>
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<tr>
<td>3:00-3:20 p.m.</td>
<td>What Were They Thinking?: Genre and Internet Design</td>
<td>Alyse Below</td>
<td>University of Wisconsin-Milwaukee</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>Contemporary Medical Advertising and Discourse Around ‘Dis-ease’</td>
<td>Kevin Brewer</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>Cut and Dry: A Comparison of Male and Female Circumcision</td>
<td>Rachel Sherrill</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Exporting Culture: A Visual Analysis of North and South American Advertising</td>
<td>Kristen Etzel</td>
<td>Salisbury University</td>
</tr>
<tr>
<td><strong>3.38</strong> Sociology</td>
<td><strong>LA 234</strong></td>
<td></td>
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</tr>
<tr>
<td>3:00-3:20 p.m.</td>
<td>The Faceless Crowd: An Examination of Media and Conformity</td>
<td>Jessica Mann</td>
<td>Bridgewater State College</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>The Keys to the Future: A Look at the Motivations of First-Generation College Students</td>
<td>Jessica Dineen</td>
<td>Bridgewater State College</td>
</tr>
</tbody>
</table>
Oral Session 3

3:20-3:40 p.m.  Reimagining the Figueroa Corridor, 1960-2009: Growth Politics, Policy, and Displacement  
Daniel Wu  
University of Southern California

3:40-4:00 p.m.  The Lasting Effect of the Willie Lynch Letters on African Americans: A Synchronic Analysis Using the Social Stratification Theory  
Jahi Whitehead  
Howard University

3.39 Sociology  
LA 235

3:00-3:20 p.m.  Environmental Sociology: Perspectives and Perceptions in a Higher Education Community  
Walker Witte  
Dominican University of California

3:20-3:40 p.m.  Evaluating Collegiate Foster Care Transition Programs: A Comparative Case Study  
Michael Morrison  
Eastern Washington University

3:40-4:00 p.m.  Evolution and Adaptation of a Local Organization: Competing with Chain Organizations for Resources and Stability  
Sean Ray  
The University of Montana

4:00-4:20 p.m.  Examining Leading Factors to the Amish Community’s Participation at a Local Grief Center (Ryan’s Place)  
Melissa MacGregor, Leah Yoder  
Goshen College

3.40 Gender Studies  
LA 243

3:00-3:20 p.m.  Colonial Masculinities in Chinua Achebe’s Things Fall Apart and Chimamanda Ngozi Adichie’s Purple Hibiscus  
Trevor Grizzell  
Truman State University

3:20-3:40 p.m.  Gender and Politics in Argentina: How the Media Has Shaped Public Opinion in the First Two Years of Cristina Fernandez de Kirchner’s Presidency  
Denitza Dimitrova  
Illinois College

3:40-4:00 p.m.  Sotomayors Effect of Gender and Race in Politics: A Qualitative Treatise  
Necole Jackson  
Howard University

4:00-4:20 p.m.  The Ultimate Hero: Harry Potter vs. Gilgamesh  
Amy McMurchie  
Dominican University of California

3.41 Film Studies  
Gallagher 122

3:00-3:20 p.m.  Only the Strong Survive: Blaxploitation and the Civil Rights Movement  
Anthony Bennett  
Jacksonville University

3:20-3:40 p.m.  Structure of War  
David Hogan, Spencer Tracy, Russ Hendrickson  
The University of Montana

3:40-4:00 p.m.  Making Monsters Complex: Deconstructing the Victim-Hero in Rob Zombie’s Halloween  
Sarah Hendricks  
University of West Georgia
Oral Session 3
Thursday, April 15, 2010

4:00-4:20 p.m. Parallelism in Poe’s “The Fall of the House of Usher”: A Cross Media Examination of the Man and the Mansion  Cayli Meizel  Western Carolina University

3.42  Studio Art  UC 330
3:00-3:20 p.m. Heoric Anit-Hero’s  Cynthia Sullivan  Jacksonville University
3:20-3:40 p.m. Justice for All: Designing a Wayfinding system for Lancaster County Courthouse.  Settle Rebecca  Millersville University
3:40-4:00 p.m. Our Visceral Opiate: A Photographic Retake on the Media  April Sullivan  Jacksonville University
4:00-4:20 p.m. Reclaiming  Rebecca Aiken  University of Nebraska, Lincoln

3.43  Studio Art  UC Lounge
3:00-3:20 p.m. Correct?  Devin LaSarre  North Central College
3:20-3:40 p.m. Germ Warfare and Contemporary Art  Emily Fray  University of Toledo
3:40-4:00 p.m. Investigation of Casting Slip in Conjunction with Wire and Paper Armatures  Nicolle LaMere  University of Wisconsin-Whitewater
4:00-4:20 p.m. Silver-Coated Insects: Concept and Perception  Meghan LaPointe  University of Wisconsin-Whitewater

3.44  Art History  UC 326
3:00-3:20 p.m. Self-Portrait; Creating Images of Black Gay Identity  Henry Hamilton  University of California, Los Angeles
3:20-3:40 p.m. The Age of the World Screen: Examining Dis-Embodiment through the Lens of the Digital Age.  Vera Petukhova  Seattle University
3:40-4:00 p.m. The Evolution of Post-Impressionism: Paul Gauguin, Vincent Van Gogh, and the “Yellow House” Summer of 1888  Jessica Vick  Jacksonville University
4:00-4:20 p.m. Picasso and His Contemporaries: Modernist Misconceptions of So-Called ‘Primitive’ Art  Teresa Abrahamson-Richards  Seattle University

3.45  Music  Music 105
3:00-3:20 p.m. The Arab Influence on Spain’s Music  Amy Teutenberg  University of Wisconsin-Whitewater
3:20-3:40 p.m. The Golden Age: An Examination of American 20th Century Flute Literature  Christen Beckstrand  College of Saint Benedict
Oral Session 3

3:40-4:00 p.m. The Mountain Electroacoustic Laptop Ensemble: A Workshop on Structured Improvisation
McBride Clint, Andrew Saltzman, Phil Maher, Aaron Minnick, Tommy Pertis, Geoffrey Schuler
The University of Montana

4:00-4:20 p.m. The Role of the “not so solo” tuba in the Vaughn Williams Concerto for Bass Tuba and Orchestra
Keegan Watson
Appalachian State University

3.46 Music

Music Recital Hall

3:00-3:20 p.m. Classical Composition influenced by Progressive Rock
Christopher Everingham
The University of Montana

Nicholas Gattis
Western Carolina University

3:40-4:00 p.m. Christmas Behind Barbed Wire: Two Polish Szopki from Holocaust Concentration Camps.
Cynthia Dretel
Moravian College

3.47 Theatre/Drama

Masquer PAR/TV

3:00-3:20 p.m. Joseph Smith Jr.
Tia Kuran
The University of Montana

3:20-3:40 p.m. Marat/Sade : Découvert
Elizabeth Cook, Laura Neill
University of Northern Iowa

3:40-4:00 p.m. Martial Combat Misrepresentation in Media
Jesse Fister
The University of Montana

3.48 Dance

PAR/TV Open Space

3:00-3:20 p.m. Modern Dancers Awareness of Proper Pelvic Alignment
Emilee Newell
Utah Valley State College

3:20-3:40 p.m. Paul Taylor’s Black Tuesday and the Great Depression
Fiona Nelson
Utah Valley University

3:40-4:00 p.m. Pendet Temple Dance: A Gateway to Balinese Culture
Faith Morrison
The University of Montana

3.49 Architecture/Interior Design

Gallagher L04

3:00-3:20 p.m. Geometries and Construction Methods of the Open-Air Church of San Pedro and San Pablo at Teposcolula
Allison Johnson
University of Minnesota, Twin Cities

3:20-3:40 p.m. Green Roof Storm-Water Management: Effects of Soil Media
Alice Muehlbauer
University of Wisconsin-Milwaukee

3:40-4:00 p.m. Principles of Gothic Construction in Oaxaca, Mexico
Jonathan Dessi-Olive
University of Minnesota, Twin Cities

4:00-4:20 p.m. A System of Wayfinding for the Campus of University of the Pacific
David Mayman, Brett DeBoer, David Mayman, Ivan Rocha, Samantha Kowalski, Lauren Friedrich, Glynnis Koike
University of the Pacific

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University of the Pacific
Oral Sessions

Oral Session 3

3.50  Business  Gallagher 123

3:00-3:20 p.m.  “Investigating the ethical issues that are present in cruise line industry”
Tanisha LeBlanc, Ashley Leserra  Western Carolina University

3:20-3:40 p.m.  Vision and Limited Capital, a Study on MicroFinance
Amy Rollins  North Central College

3:40-4:00 p.m.  You Can’t Always Get What You Want: Employees Desire for Non-Traditional Benefits
Krista Morisi  Providence College

4:00-4:20 p.m.  Investigating Corporate Social Responsibility and Front-line Employee Involvement in the Hospitality Industry
Charity Harris  Western Carolina University

3.51  Marketing  Gallagher 106

3:00-3:20 p.m.  The Holy Grail: A Search for the Perfect Collegiate Restaurant
Zachary Bowers, Spencer Lord  University of West Georgia

3:20-3:40 p.m.  When Violence Sells: A Look at Violent Imagery in Consumer Product Advertising
Meagan Germain  The College of New Jersey

3:40-4:00 p.m.  Consumer Cognitive Self Control
Brookelyn Suddell  Marymount University

4:00-4:20 p.m.  Bio-Performance Advertising Company: Gas Guzzlers Beware
colin galvin  Jacksonville University

3.52  Education  ED 241

3:00-3:20 p.m.  Stories from First-year Teachers to Preservice Teachers
Kirby Sypek  Elon University

3:20-3:40 p.m.  Techniques for Maintaining Academic Integrity in Online Classes
Beverly Paris  Lamar University

3:40-4:00 p.m.  Out of School Programs: What we can learn from looking at effective community youth programs?
Rosario Martinez  University of Texas, Austin

4:00-4:20 p.m.  The Modern Definition of Citizenship in Children’s Books (working title)
Caitlin Thompson  Rutgers School of Arts and Sciences

3.53  Health and Human Performance  McGill 210

3:00-3:20 p.m.  Snoring when Pregnant is Associated with Gestational Hypertension
Siera Casper  University of Michigan

3:20-3:40 p.m.  Do mice with targeted disruption of the enzyme dihydroceramide desaturase (des) develop characteristics of the metabolic syndrome?
Michole Deesing, Nicholas Deeter  University of Utah
### Oral Session 3

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
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</tr>
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<tbody>
<tr>
<td>3:40-4:00 p.m.</td>
<td>Preliminary Study of the Potential Role of Beta Adrenergic Receptor Subtypes in Stress-Induced Reinstatement of Cocaine Seeking in Male Mice</td>
<td>Shona Hang</td>
<td>Marquette University</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Effects of Acute Bouts of Exercise Blood Lipids</td>
<td>Shanna Schmitz</td>
<td>The University of Montana</td>
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<tr>
<td><strong>3.54 Nursing/Occupational Safety and Health</strong> McGill 237</td>
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<tr>
<td>3:00-3:20 p.m.</td>
<td>Validation of a Brief Social Support Scale in Pregnancy</td>
<td>Heather Bowers</td>
<td>University of Utah</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>Damage Inflicted on Climbing Ropes by Handsaws</td>
<td>Mac Cloyes</td>
<td>University of Massachusetts, Amherst</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>An Evaluation of the Effectiveness of Child Safety Seat Warning Labels</td>
<td>Luis Ortiz</td>
<td>University of Wisconsin-Whitewater</td>
</tr>
<tr>
<td><strong>3.55 Pharmacy and Pharmacology</strong> Skaggs 169</td>
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<tr>
<td>3:00-3:20 p.m.</td>
<td>Acute toxicity of berberine and its correlation with the blood concentration in mice</td>
<td>Michael Kheir</td>
<td>University of Michigan</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>Improving Quality and Cost Effectiveness in Health Care through Innovation and Technology: Pharmacogenomics as a Case Study</td>
<td>Richard Slama</td>
<td>University of South Florida</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>NQO1 Targeted Cancer Drug Development</td>
<td>Emily Eickholt</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Ozone; an Environmental Gaseous Pollutant: Can it Affect the Functioning of the Heart?</td>
<td>Erica Alvarado</td>
<td>Texas A and M University, Kingsville</td>
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<tr>
<td><strong>3.56 Interdisciplinary Studies</strong> Gallagher 226</td>
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<tr>
<td>3:00-3:20 p.m.</td>
<td>Influenza Pathogenesis and Epidemiology: A Study in Three Diverse Locations</td>
<td>Allison Galway</td>
<td>James Madison University</td>
</tr>
<tr>
<td>3:20-3:40 p.m.</td>
<td>Integration of Gallium Nitride Nanowires with Nanofabricated Silicon Circuits</td>
<td>Lydia Kisley</td>
<td>Wittenberg University</td>
</tr>
<tr>
<td>3:40-4:00 p.m.</td>
<td>Interwar Activism: A study of three French authors fighting for peace in interwar France</td>
<td>Katherine Blair</td>
<td>Ursinus College</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Orientalism: The Roles of Women in the 19th Century vs. Today</td>
<td>Ana Salabasheva</td>
<td>Dominican University of California</td>
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</tbody>
</table>
## Oral Sessions

### Oral Session 4

#### 4.01 Biology  
*Skaggs 114*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Walleye and smallmouth bass predation on San Poil River kokanee salmon and rainbow trout</td>
<td>Gerald Claghorn</td>
<td>Eastern Washington University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Effects of Initial Egg Extrusion Techniques and Fertilization in Ovarian Fluid During Landlocked Fall Chinook Salmon Spawning</td>
<td>Matthew Wipf</td>
<td>Black Hills State University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Substrate Use During Locomotion in Polypteriform Fishes</td>
<td>Robert Aluck</td>
<td>Adelphi University</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Predatory impact of smallmouth bass on native salmonids in the Flathead River</td>
<td>Parker Bradley</td>
<td>The University of Montana</td>
</tr>
</tbody>
</table>

#### 4.02 Biology  
*Health Sciences 207*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
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<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>A Novel Approach to Modeling Seed Dispersal for the Rare Winter Annual Plant Missouri Bladderpod</td>
<td>Charles Tomlinson</td>
<td>Truman State University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>An Educational Resource Kit for Preventing Non-native Plants from Invading California National Park Service Units</td>
<td>Kristyn Perry</td>
<td>Dominican University of California</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Classification of Vegetation Communities in High Alpine Wetlands using Aerial Imagery, Uinta Mountains, Utah</td>
<td>James Arnold</td>
<td>Weber State University</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Mount Timpanogos Community Species Database</td>
<td>Evan Jackson, Chad Dean, Daniel Clegg, Michael Cookson</td>
<td>Utah Valley University</td>
</tr>
</tbody>
</table>

#### 4.03 Biochemistry  
*Interdisciplinary Sciences 110*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
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<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Identifying Peptide Aptamers That Bind to RAGE</td>
<td>Colette Gauthier</td>
<td>Long Island University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Structural Characterization of CUGBP1</td>
<td>Maximilian von Hohenberg</td>
<td>University of Minnesota, Twin Cities</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>The Activity of Alkaline Phosphatase in Presence of Metal Ions</td>
<td>Hamid Arif, Hannah Kumar, Kerry Xiong, Mainhia Xiong</td>
<td>North Hennepin Community College</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>A Theoretical Investigation of Carcinogenicity of Polycyclic Aromatic Hydrocarbons (PAH) and the Effect of Methylation: One-Electron Oxidation Mechanism.</td>
<td>Poudyal Rosha</td>
<td>Randolph College</td>
</tr>
</tbody>
</table>

#### 4.04 Microbiology  
*Skaggs 169*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Regulation of Gene Expression in the Lyme Disease Agent via RNA-RNA Interactions</td>
<td>Cassandra Abel</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>An Investigation into the Persistence of Viral Hemorrhagic Septicemia Virus in Post-mortem Zebrafish.</td>
<td>Mrinalini Modak, Steven Zhang</td>
<td>Cornell University</td>
</tr>
</tbody>
</table>
Oral Session 4

9:10-9:30 a.m. Effects of Enzyme, Organic Solvent, Heat and pH Treatment on the Activity of a Growth Inhibitor from Bacillus cereus GS1  
Kimberly Zullo  Peace College

9:30-9:50 a.m. Leukocyte trafficking and the Wiscott-Aldrich Syndrome protein  
Alexandria Maurer  University of Rochester

4.05 Chemistry  Chem 123

8:30-8:50 a.m. Analysis of the Time Evolution Of Structures in Poss-Ma Thin Films Deposited by Spin Casting  
Matthew Bradley  James Madison University

8:50-9:10 a.m. Development of Nano-Particulate Ceramic Coating for Solar Thermal Collectors  
Michael Keenan  University of Wisconsin-Stout

9:10-9:30 a.m. Synthesis of Carboxy-Functionalized Calixarenes as Templates for Catalyst Deposition and Ligands for Quantum Dots  
Aubrey Jones  University of South Dakota

9:30-9:50 a.m. Synthesis of Putative Single Molecule Diodes  
Katherine Fuhr  Long Island University

4.06 Chemistry  Skaggs 117

8:30-8:50 a.m. A Theoretical Investigation of the Reactive Intermediate of the Carbon Dioxide Adduct of Peroxynitrite.  
Rebika Shrestha  Randolph College

8:50-9:10 a.m. Using Sol-Gel Chemistry for New Hybrid Materials  
Erik Johnston  The University of Montana

9:10-9:30 a.m. Novel Fluorene-based Conjugated Materials for Optoelectronics  
Nikhil Sahotra  University of Central Lancashire

9:30-9:50 a.m. NMR Studies of Aqueous Surfactant Solutions Containing D-Limonene  
Carl Schrader  State University of New York, Brockport

4.07 Geology/Earth Sciences  Urey Lecture Hall

8:30-8:50 a.m. Origin of Jurassic Carbonate Nodules in Southeastern Wyoming  
Timothy Gallagher  University of Pittsburgh

8:50-9:10 a.m. Application of Electrical Resistivity to Provide Information on Subsurface in Limpopo, South Africa  
Komi Messan  North Carolina Agricultural and Technical State University

9:10-9:30 a.m. The Stratigraphic Position of the First Uinta C Micro-Mammal Community from the Uinta Formation, Uintah County, Utah  
James Burnes  Lamar University

9:30-9:50 a.m. Early Permian (Cisuralian) Ammonoids from Nevada: Indicators for Ocean Circulation Patterns along the Western Margin of North America  
Meghan Rice  Slippery Rock University of Pennsylvania
Oral Session 4

4.08 Physics  Clapp 131

8:30-8:50 a.m. Computer Modeling of Soft Nano-Matter
Christine Stokes  University of Central Lancashire

8:50-9:10 a.m. EX Lupi : Mineralogy, Stellar & Disk Structure through the 2008 outburst
Dev Ashish Khaitan  University of Rochester

9:10-9:30 a.m. Formation of Oriented Fibers by Injecting Polymer Between Two parallel Electrodes
Joel Morales-Rosado  University of Puerto Rico

9:30-9:50 a.m. Utilizing Nanotechnology to Enhance Memory Device Production and Efficiency
Holli Null  University of Memphis

4.09 Astrophysics  Library Buckhouse

8:30-8:50 a.m. A Spitzer View of the Star Forming Region NGC 2264
Valerie Rapson  University of Rochester

8:50-9:10 a.m. Numerical Investigation of Combustion Instabilities in Laminar Diffusion Flames
Paul Lee  University of Michigan

9:10-9:30 a.m. Investigation of Rat Sciatic Nerve Attachment to Silica-based Aerogels for Implant Applications
Thien-Chuong Phung Phung  University of Memphis

9:30-9:50 a.m. PMT Performance Testing
Winston Hensley  James Madison University

4.10 Psychology  Gallagher 201

8:30-8:50 a.m. Intrinsic Religiosity: An Emotional and Cognitive Profile
Stanislav Pichinevskiy  Eastern Washington University

8:50-9:10 a.m. Living in the Past:Past Time Perspective and Escape-Style Coping
Stefanie Morgan  Bridgewater State College

9:10-9:30 a.m. Modification of Memory: Reconsolidation and Reactivation of a Conditioned Fear
Jared McEntire  Appalachian State University

9:30-9:50 a.m. More than a guy thing? Going beyond gender to investigate the influence of sex roles on alcohol attitudes and consumption.
Naomi Timm  Minnesota State University, Mankato

4.11 Psychology  Gallagher 202

8:30-8:50 a.m. Violent Video Games and Presence
Andrew Nordstrom, Kue Xiong, David Westmark, Sarah Huckaby  University of Wisconsin-Stout

8:50-9:10 a.m. Where Do We Go From Here? Experiences and Perceptions of Recent College Graduates
Benjamin Zalkind, John Tabet  University of Utah

9:10-9:30 a.m. A Measurement of the Function of Giving and Taking Behaviors Upon Long-Term Sobriety Outcomes
Eric Anderson  The University of Montana
### Oral Session 4

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<tr>
<td>9:30-9:50 a.m.</td>
<td>A meta-analysis of g-loadings according to the Cattell-Horn-Carroll theory of intelligence</td>
<td>James Arnett</td>
<td>University of Memphis</td>
</tr>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Self-Contact in Pruned Fractal Trees</td>
<td>Megan Weintraut</td>
<td>Ithaca College</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Orbits in Extended Mass Distributions: Spirograph Patterns</td>
<td>Edward Landis</td>
<td>Northern Kentucky University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Using Computers to Investigate the Structure of Fuzzy Groups</td>
<td>Kelvin Guilbault</td>
<td>North Central College</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>The Generalized Wythoff Array and Fractal Bases</td>
<td>Joseph Palmer</td>
<td>Truman State University</td>
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### 4.12 Mathematical Sciences

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<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Optika: A Simple Way To Collect User Input For Scientific Software</td>
<td>Kurtis Nusbaum</td>
<td>Saint John's University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>CUDA Event-Driven Particle Simulations</td>
<td>Cameron Swords</td>
<td>Trinity University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Computation of the electrostatic potentials in a Molecular Dynamics Simulation using GPU</td>
<td>Axel Rivera, John Morales</td>
<td>University of Puerto Rico</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Measuring Time Complexity of PRAM Implementations</td>
<td>Daniel Honey</td>
<td>Longwood University</td>
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### 4.13 Computer Science

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<tr>
<td>8:30-8:50 a.m.</td>
<td>PEDOT Improves the Sensitivity and Fidelity of Ex Vivo and In Situ Nerve Recordings</td>
<td>Christopher Frost</td>
<td>University of Michigan</td>
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### 4.14 Engineering

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<tr>
<td>8:30-8:50 a.m.</td>
<td>Sonochemical Synthesis of Oriented ZnO Nanowires on Arbitrary Substrate at Room-Ambient</td>
<td>Avinash Nayak</td>
<td>University of California, Davis</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Improved GUI for a CRCE Chamber</td>
<td>Daniel Cruz</td>
<td>University of South Florida</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Brain Controlled Wheelchair for Patients with Severe Motor Impairment</td>
<td>Saumitro Dasgupta, Michael Fanton, Jonathan Pham, Mike Willard</td>
<td>Northeastern University</td>
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### 4.15 Bioengineering

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## Oral Sessions

### Oral Session 4

**Friday, April 16, 2010**

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Immunohistological Assessment of Secondary Damage Following Rat Spinal Cord Traumatic Injury and Treatment with Plasma-Derived Antithrombin III</td>
<td>Justin Jenson</td>
<td>University of Utah</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>The Effect of Cranial Electrotherapy Stimulation on Cribbing Behavior in Horses</td>
<td>Nicole San Jose</td>
<td>University of California, Davis</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>SNPs in the Drosophila Melanogaster Genome</td>
<td>Le Wang</td>
<td>Wayne State University</td>
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### 4.16 Anthropology  ED 123

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<tr>
<td>8:30-8:50 a.m.</td>
<td>Strategies of Single Motherhood</td>
<td>Amara Rieken</td>
<td>Eastern Washington University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>The Nature of Cross-Racial Relations: The National Undergraduate Racial Climate and Hendrix College</td>
<td>Nathaniel Thomas III</td>
<td>Hendrix College</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>The People of Golemo Gradiste: An examination of occupation and identity at the site of Golemo Gradiste, Konjuh, Republic of Macedonia</td>
<td>Katherine Haas</td>
<td>Gettysburg College</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>The Plague: An extensive look at the etiology, distribution, and ramifications of one of the most deadly diseases in human history.</td>
<td>Cayli Meizel</td>
<td>Western Carolina University</td>
</tr>
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</table>

### 4.17 Economics  Gallagher L09

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<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Construction of an Enlightened National Progress Indicator - The TESS Index</td>
<td>Karishma Sushilkumar</td>
<td>Luther College</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Deforestation in the Amazon: An Exploration into How Measurements of Environmental Quality May Contribute to Peasant Land-Use Decisions</td>
<td>Winslow Hansen</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Development of the Bulgarian Economy During and After Accession to the European Union: The &quot;Invisible&quot; Growth</td>
<td>Illyana Kuneva</td>
<td>Truman State University</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Disparate Changes: A Historical Examination of Economic and Community Change and It’s Racial Implications</td>
<td>Thomas Collins</td>
<td>Michigan State University</td>
</tr>
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### 4.18 Economics  Gallagher L11

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<tr>
<td>8:30-8:50 a.m.</td>
<td>The Economic crisis and the emerging new world order.</td>
<td>Isaac Koya-Adako</td>
<td>Cerritos College</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>The Economic Impact of HIV/AIDS Policies in Zambia</td>
<td>Claudia Rinciog</td>
<td>Lafayette College</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>The Effectiveness of College Sustainability Funds in Engaging Students</td>
<td>Brandon Reed</td>
<td>Luther College</td>
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### Oral Session 4

**Oral Session 4        Friday, April 16, 2010**

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<td>9:30-9:50 a.m.</td>
<td>The impact of economic development and gender disparities on the transnational sex trafficking of women</td>
<td>Samriddhi Malla</td>
<td><em>Lafayette College</em></td>
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<tr>
<td>8:30-8:50 a.m.</td>
<td>Ladybug under the Leaf: African American Women in the Civil Rights Movement</td>
<td>Chris Lorenz Miclat</td>
<td><em>Eastern Washington University</em></td>
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<td>8:50-9:10 a.m.</td>
<td>It’s Pimpin’, Pimpin’: A Review of Pimping in American Popular Culture</td>
<td>Robert Williams</td>
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<td>9:10-9:30 a.m.</td>
<td>John Coltrane: The Intersection of American Jazz and Radical Politics</td>
<td>Lily Jaskiel</td>
<td><em>The University of Montana</em></td>
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**4.19 African-American Studies    Gallagher L13**

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<td>Strategic Communication in the Post 9/11 World</td>
<td>John Curtis</td>
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<td>Study Abroad of Underage South Koreans in the United States: Causes of the Phenomenon and Possible Solutions</td>
<td>KO SHIN</td>
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<td>The Intersection of Religion and Gender upon Peace and Ethnic Conflict in Africa: An Analysis of Female Empowerment and Religious Affiliation in post-genocide Rwanda</td>
<td>Stephanie Bogema</td>
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<td>9:30-9:50 a.m.</td>
<td>The Obama Narrative: Following the Flow of ‘Obamania’ to France</td>
<td>Caitlin Stallman</td>
<td><em>Hamline University</em></td>
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**4.20 International-Global Studies    Gallagher L14**

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<td>Puerto Rican Immigration and Literature in the United States</td>
<td>Mabel Colon</td>
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<td>The Immigration from Mexico to the United States and from Morocco to Spain after the Terrorist Attacks in New York and Madrid: A Comparative Study of Themes Presented in Documentaries</td>
<td>Molly Costigan</td>
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**4.21 Spanish    LA 204**

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## Oral Sessions

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<tr>
<td>8:30-8:50 a.m.</td>
<td>Overcoming Apathy: Voter Mobilization in the 2008 Obama Campaign</td>
<td>Kevin Symanietz</td>
<td>Beloit College</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Pakistan’s Dual-Afghan policy</td>
<td>Nor Powanda</td>
<td>The City College of New York, CUNY</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Pakistan: Implications of an Islamist Takeover</td>
<td>Matthew Sinkez</td>
<td>Virginia Military Institute</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Palestinian Unity Government: Thankless Past, Encouraging Future?</td>
<td>Benjamin Moore</td>
<td>University of California, Los Angeles</td>
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<td>Beyond the Ainu Ethnic Revival: the Politics of the Dying in Modern Japan</td>
<td>Koji Hayakawa</td>
<td>Luther College</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Microfinance: One Powerful Solution to the Problem of Poverty</td>
<td>Priscilla Martinez</td>
<td>North Central College</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Nuclear Proliferation and System Conflict</td>
<td>Gregory Goodwin</td>
<td>Truman State University</td>
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<td>8:30-8:50 a.m.</td>
<td>A Case for Darfur: A Moral Obligation or None of Our Business?</td>
<td>Robert Audley, Amelia Willoughby</td>
<td>Salisbury University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Analysis of bill sponsorship in China’s 10th National People’s Congress (2003-2007)</td>
<td>MING CHAK WILSON YUEN</td>
<td>University of California, Los Angeles</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Applying the Lessons of Regime Change</td>
<td>Joel Veldkamp</td>
<td>Dordt College</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Assessing Chrysler’s Bankruptcy: The Federal Government’s Impact</td>
<td>Andrew Pope</td>
<td>University of Rochester</td>
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<td>Einstein’s Influence on James Joyce: The Historical Reasons Joyce Sought New Physics</td>
<td>Alexis Sypek</td>
<td>Duke University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Enduring Spirits: Evolution of Protestant Missionary Attitudes Toward Ancestor Worship in 20th Century China</td>
<td>Elina Kats</td>
<td>Adelphi University</td>
</tr>
</tbody>
</table>
Oral Session 4

9:10-9:30 a.m. Existing on the Borderlands: A Examination into the Circumstances of Tejano Union and Confederate Veterans and Their Families
James Vasquez  University of Texas, San Antonio

9:30-9:50 a.m. Female Power and Influence in Medieval Venice
Christina Weidner  Seattle University

4.26 History  ED 313

8:30-8:50 a.m. The IWW and Northwest Montana’s WWI Timber Strikes
Robert Coleman  The University of Montana

8:50-9:10 a.m. The Music Never Died: How Buddy Holly Changed Music Forever
Dave Riser  McMurry University

9:10-9:30 a.m. The Real Housewives of the Plantation: A Reinterpretation of the Antebellum Plantation Wife
Rachel Drawdy  Western Carolina University

9:30-9:50 a.m. The Reconstruction Era in High School History Textbooks
Rachel Glissmann  Hamline University

4.27 History  ED 314

8:30-8:50 a.m. Affect on the North American Plantation South due to the Presence of an Enslaved African People
Miriah O’Connor  California University of Pennsylvania

8:50-9:10 a.m. The Art of Revolution
Austin Good  California University of Pennsylvania

9:10-9:30 a.m. The History of Utah Bluegrass Band The Stormy Mountain Boys
Benjamin Wheeler  Weber State University

9:30-9:50 a.m. Iraq: The Formation of a State
Christopher Moe  Truman State University

4.28 English  LA 336

8:30-8:50 a.m. The Binary Personalities of Richard II and Richard III
Elizabeth Nguyen  University of Wisconsin-La Crosse

8:50-9:10 a.m. The Decay of the South: Duality and Containment in Faulkner’s “A Rose for Emily”
Michael Bolin  University of California, Davis

9:10-9:30 a.m. The Demoralization of Women: From Pinning the Butterfly to Taming the Shrew
Claire Campolo  Dominican University of California

9:30-9:50 a.m. The Destructive Power of Foundationalist Narratives in Joseph Heller’s Catch-22
Aaron Bauerly  Black Hills State University
## Oral Session 4

### 4.29 English  LA 337

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Deriving an Ethic from Aesthetics: Wallace Stevens’ “Esthetique du Mal” and Kant’s “Critique of Judgement”</td>
<td>Molly Quinn</td>
<td>Occidental College</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Destabilizing Normative Models of Kinship, Identity and Nationality in Gish Jen’s The Love Wife</td>
<td>Frances Tran</td>
<td>Macaulay Honors College at Queens College, CUNY</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Destructive Freedom in Guthrie’s The Big Sky</td>
<td>Benjamin Reiter</td>
<td>Black Hills State University</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Disobeying Order: Catch-22’s Anti-War Method</td>
<td>Samuel Harrison</td>
<td>Gettysburg College</td>
</tr>
</tbody>
</table>

### 4.30 English  LA 338

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Not Quite Transcendence: Virginia Woolf and the Gender Binary</td>
<td>Peter Larson</td>
<td>University of Wisconsin-River Falls</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Paradise is Not Lost!: Satanists’ Perspective on Miltonic Doctrine</td>
<td>Alina Turpin</td>
<td>Cerritos Community College</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Past Reflections for Eternal Placement: Johnson and Johnson’s Representations of Race and the Afterlife</td>
<td>Jimmy Worthy</td>
<td>University of West Georgia</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Phoolan Devi: Archetype of Struggle for Class and Gender Equality in Post-Colonial India</td>
<td>Brent Hopkins</td>
<td>University of Wisconsin-River Falls</td>
</tr>
</tbody>
</table>

### 4.31 English  LA 342

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Anarchic Linguistic Artistry: Arundhati Roy’s The God of Small Things and Thoreau’s “Civil Disobedience”</td>
<td>Monica Morrey</td>
<td>Truman State University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Unmanning the Man: Creation of a New Masculinity by the International “New Woman”</td>
<td>Tara Powers</td>
<td>Villanova University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Out of the Attic and Into the Memoir: Metaphors for Mental Illness in Contemporary Female Non-Fiction</td>
<td>Lillian Campbell</td>
<td>Villanova University</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Overturning the Stereotype: Expressions of Love in Rap</td>
<td>Dashielle Horn</td>
<td>Salisbury University</td>
</tr>
</tbody>
</table>

### 4.32 Literature  LA 335

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Monstrosity in Horror Literature</td>
<td>John Brooks</td>
<td>Central Michigan University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Okonkwo’s Imbalance in Chinua Achebe’s Things Fall Apart</td>
<td>Michael Fitzgerald</td>
<td>Truman State University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>One of the Ghosts Which Had Refused to Lie Still: The Ghosts that Haunt 20th Century Literature</td>
<td>Jason Grant</td>
<td>University of Kentucky</td>
</tr>
<tr>
<td>Time</td>
<td>Session</td>
<td>Title</td>
<td>Speaker(s)</td>
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</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Oral Session 4</td>
<td>Orientalism Revisited: The Arabian Nights and Orhan Pamuk</td>
<td>Laura Grigereit</td>
</tr>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Literature  LA 334</td>
<td>Reliably Unreliable: Saleem Sinai as “Unreliable” Narrator in Salman Rushdie’s Midnight’s Children</td>
<td>Ira King</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Literature  LA 334</td>
<td>Connecting History and Fantasy in Salman Rushdie’s Midnight’s Children</td>
<td>Bradley Keeney</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Literature  LA 334</td>
<td>A Phenomenological Reading of Amitav Ghosh’s The Shadow Lines</td>
<td>Andrew McCall</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Literature  LA 334</td>
<td>Kipling’s Paradoxical Attitudes Towards Race and His Yearning for the “Noble Savage”</td>
<td>Zeeshan Reshamwala</td>
</tr>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Humanities  LA 106</td>
<td>Rhinoplasty and Happiness: Changing Definitions of Health</td>
<td>Hannah Johnson, Stephanie Johnson</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Humanities  LA 106</td>
<td>Challenging Modernist Ideals: G. K. Chesterton as Christian Public Intellectual</td>
<td>Jon VanDenend</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Humanities  LA 106</td>
<td>Decisions That Women Must Make</td>
<td>Betsy Dorsett</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Humanities  LA 106</td>
<td>Eliza Doolittle: The Great Female Impersonator</td>
<td>Samuel Moseley, Gordon Lee</td>
</tr>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Philosophy  LA 305</td>
<td>ZOMBIE CHAOS: An Analysis of the Evolution of Apocalyptic Literature</td>
<td>Matthew Kirby</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Philosophy  LA 305</td>
<td>Life, Purpose, and the meaning of Meaning</td>
<td>Michael Baker</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Philosophy  LA 305</td>
<td>Living the Good Life: What Aristotle and Confucius Tell us about the Best Way to Live</td>
<td>John Schutter</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Philosophy  LA 305</td>
<td>Educational Philosophy and the Immoral Rationale for Tracking</td>
<td>Audrey Mitchell</td>
</tr>
</tbody>
</table>
## Oral Session 4

**Friday, April 16, 2010**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Kierkegaard and the Aesthetics of Christianity</td>
<td>Banks Clark</td>
<td>Lafayette College</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Medieval and Modern Manipulations of the Body</td>
<td>Amy Fleming</td>
<td>Truman State University</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Righteousness in a World of Despair: Transcendental Film Style in Bresson’s Au Hasard, Balthazar and Joffe’s The Mission</td>
<td>Edwin Lohmeyer</td>
<td>Western Carolina University</td>
</tr>
</tbody>
</table>

### 4.37 Communications  **LA 207**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Gender, Branding, and Brand Personality: The effects of gendered brands, commercialization, and the reinforcement of heteronormative stereotypes.</td>
<td>Heather Roy</td>
<td>Eastern Illinois University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Generation Y and Social Media - a Want or a Need</td>
<td>Kylie Burnside</td>
<td>Ithaca College</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Having It All: A Study of Mother’s Life Satisfaction and Identity</td>
<td>Elizabeth Cooney</td>
<td>University of Northern Iowa</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Iconic photos of the Vietnam War and their influence on collective memory</td>
<td>Angela Lovelace</td>
<td>Elon University</td>
</tr>
</tbody>
</table>

### 4.38 Sociology  **LA 234**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>The Politics of Love and Marriage in the United States: A Synchronic Exploration</td>
<td>Jessica McCorvey</td>
<td>Howard University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>The Pursuit of Perfection: A Look Into Eugenic’s Undying Influence on the Treatment of Social Deviants</td>
<td>Sara Brunton</td>
<td>Hamline University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>The Reality of Being a Homeless Veteran in 2010</td>
<td>Jose Vasquez</td>
<td>The University of Montana</td>
</tr>
</tbody>
</table>

### 4.39 Sociology  **LA 235**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Firefighter Barbie: An Examination of the Gendered World of Firefighting</td>
<td>Niqole Roybal</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Food Insecurity and Homelessness in Missoula, MT</td>
<td>William Crabtree, Allyson Foster</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Forever Young?: An examination of College Students’ Attitudes Toward Aging</td>
<td>Christi Nelson</td>
<td>Bridgewater State College</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>From State Partnerships to Technological Solutions: Comparing Two Generations of Chinese NGOs</td>
<td>YUZHOU JIANG</td>
<td>Colgate University</td>
</tr>
</tbody>
</table>
### Oral Session 4

**Oral Session 4  
Friday, April 16, 2010**

#### 4.40 Women’s Studies  
**LA 243**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>“I do” Equals Marriage</td>
<td>Leighia Fleming</td>
<td>Dominican University of California</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Ecofeminist Ethics and Hunting</td>
<td>Jennifer Gross</td>
<td>Montana State University Billings</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Problematizing LGBT Inclusion in Study Abroad Programs</td>
<td>Ryan Clark</td>
<td>University of Wisconsin-La Crosse</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Resisting The “Lewd and Debauched” Prostitute: Negotiating Chinese Female Identity in the United States, 1849-1924</td>
<td>Christopher Eng</td>
<td>Macaulay Honors College at Hunter College, CUNY</td>
</tr>
</tbody>
</table>

#### 4.41 Film Studies  
**Gallagher 122**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Sense of Self: An Exploration of Personal Identity in Modern Film</td>
<td>Jason Beck</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>The Collapse of the Fetish: Jeanne Dielman and Psychoanalysis</td>
<td>Booth Owens</td>
<td>Hendrix College</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>The Anywhere Project: Making “The ANYWHERE Show”</td>
<td>Laura Stone</td>
<td>University of Wisconsin-Whitewater</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>“Afterword”</td>
<td>Patrick Cook</td>
<td>The University of Montana</td>
</tr>
</tbody>
</table>

#### 4.42 Studio Art  
**UC 330**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Vessel: Poetry/Sculpture</td>
<td>Amanda Katz</td>
<td>Colgate University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>What Do You Get When You Cross Narnia with Animal Farm?</td>
<td>Jesse DeFriese</td>
<td>John Brown University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Woman In Stone: A Deconstruction in Porcelain Tiles</td>
<td>Maureen Mansoor</td>
<td>Jacksonville University</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>A Byzantine Traveling Icon: The Hands-On Study of Iconography, Manufacture, and Provenance</td>
<td>Natalie Hall</td>
<td>Truman State University</td>
</tr>
</tbody>
</table>

#### 4.43 Studio Art  
**UC Lounge**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Structure: Chaos</td>
<td>Christopher Allen</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Textured Formalities</td>
<td>Kelly McGonigal</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Understanding Perception and Aesthetic Value of the Interiors of Common Devices through the Process of Drawing</td>
<td>Megan Seifried</td>
<td>University of North Carolina, Asheville</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Contemporary Society: Changing the Concept and Identity of Jewelry</td>
<td>Alison Bailey</td>
<td>University of Wisconsin-Whitewater</td>
</tr>
</tbody>
</table>
### Oral Sessions

**Oral Session 4**

**4.44 Art History  UC 326**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Tactile Art and the Denial of Touch</td>
<td>Christopher Bajor</td>
<td>California University of Pennsylvania</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Engaging Artists in Central New York</td>
<td>Ashley Lazevnick</td>
<td>Colgate University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Flat Can Be Deep: A Perspective on the Valuation and Common Perceptions of Two-Dimensional Artworks</td>
<td>Nichole Rawlings</td>
<td>Elon University</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Gender, Race and Class in English Children’s Illustrations: 1850-1900</td>
<td>Amy Chalmers</td>
<td>Wofford College</td>
</tr>
</tbody>
</table>

**4.45 Art History  UC 327**

<table>
<thead>
<tr>
<th>Time</th>
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<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>The Influence of Folk Art and the Rise of Nationalism in Mexican Art of the Post-Revolutionary Period</td>
<td>Katharine Meyer</td>
<td>Union College</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>The Mexican Baroque: The Survival of Indigenous Artistic Traditions</td>
<td>Cecilia Muruato</td>
<td>Truman State University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Torneutolyrapipegos: Reconstructing the Aspis</td>
<td>Jeremiah Chatham</td>
<td>University of North Carolina, Asheville</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Trompe l’œil Painting: A Rewarding Deception</td>
<td>Ryan Hallman</td>
<td>Xavier University</td>
</tr>
</tbody>
</table>

**4.46 Music  Music 105**

<table>
<thead>
<tr>
<th>Time</th>
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</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>The XpresStic; Construction of a New Computer Music Controller</td>
<td>Aaron Minnick</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Vocal Jazz for the Classical Singer</td>
<td>Mary Ann Thornton</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Wolfgang Amadeus Mozart and Prague: An Unlikely Combination</td>
<td>Kelly Bylica</td>
<td>Valparaiso University</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Charles Ives’s Fourth of July: History in Music</td>
<td>Stevens Corey, Amelia Baran</td>
<td>Ithaca College</td>
</tr>
</tbody>
</table>

**4.47 Music  Music Recital Hall**

<table>
<thead>
<tr>
<th>Time</th>
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</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Computers in the Music Industry: A Critical Look at Technology’s Effect on Artistic Integrity</td>
<td>Rebecca Lautier</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Exploring Deconstruction In Music</td>
<td>Jennifer Stadler</td>
<td>Capital University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Fiddling Traditions of the Toe River Valley</td>
<td>William Ritter</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Free Masonry and Mozart: A Look at the Simple Woman</td>
<td>Courtney Allen</td>
<td>Western Carolina University</td>
</tr>
</tbody>
</table>
Oral Session 4

4.48  Theatre/Drama  Masquer PAR/TV

8:30-8:50 a.m.  The Actor and the Tattoo: Worst Enemies to Best Friends  
Rebecca White  Western Carolina University

8:50-9:10 a.m.  The Visions of Women Created by Three Major Female African American Playwrights of the Twentieth Century: Georgia Blanche Douglas, Lorraine Hansberry, and Suzan-Lori Parks  
Lizandra Lopes  Bridgewater State College

9:10-9:30 a.m.  When Hell Freezes Over: The Underworld of Sarah Ruhl’s “Eurydice”  
Laramy Applekamp  The University of Montana

9:30-9:50 a.m.  Postcards From Life  
Julie Marie Muskat, Joshua Haines, Kayla Harley, Brandi Breshears, Scott Holdridge  Dominican University of California

4.49  Dance  PAR/TV Open Space

8:30-8:50 a.m.  Remembrances: An Abstract Exploration of the Past  
Jessica Moore, Stacia Sleight  State University of New York, Brockport

8:50-9:10 a.m.  Robert Rauschenberg: American Pop-Artist, Painter, ...Choreographer?  
Stacia Sleight  State University of New York, Brockport

9:10-9:30 a.m.  Wish - A Dance Exploring the Tibetan Pilgrimages  
Haiya Zhang  University of Wisconsin-River Falls

9:30-9:50 a.m.  Dance through the Lens of Neurology: Improving Audience Attraction  
Kristin Arredia, Rachel Mitchell  North Central College

4.50  Graphic Design  Gallagher L04

8:30-8:50 a.m.  B(eco)me Green: A Visual Approach to Environmental Issues on Sustainability  
Jorunn Musil  University of Northern Iowa

8:50-9:10 a.m.  The Depth of Memory  
Sierra Morse  Dominican University of California

Chappell Urso  Dominican University of California

9:30-9:50 a.m.  The Truth Amongst Us: A Parody of Social Ills  
Laura Heckt  Jacksonville University

4.51  Business  Gallagher 123

8:30-8:50 a.m.  “Investigation of Harrah’s casino efforts to reduce problem gambling within human resource management”  
Holly Hyatt, Elizabeth Vassallo  Western Carolina University

8:50-9:10 a.m.  A Comparative Field Study of Nike’s Merchandising Strategies in China and USA  
Megan Roome, Jacqueline Blackburn  East Carolina University
### Oral Sessions

**Oral Session 4**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter(s)</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Fashion: A Mirror Image of Our Identity and Our Ideals</td>
<td>Daisy Castaneda, Iris Tsui</td>
<td>Dominican University of California</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Developing Microfinance Models for the Midwest</td>
<td>Kimberly Cunningham, Preston Knapp</td>
<td>University of Wisconsin-Whitewater</td>
</tr>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Social Media vs. Traditional Media</td>
<td>Sarah Langan</td>
<td>Marymount Manhattan College</td>
</tr>
<tr>
<td>8:30-8:50 a.m.</td>
<td>The Effect of Brand Coloring Within the Coffee Market</td>
<td>Maggie Maher, Molly Chase, Chang Yeung, Aisha Galeas</td>
<td>The College of New Jersey</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Analysis of Competing Mexican Restaurants Using the Marketing Carnival Approach</td>
<td>Ameen Kazerouni, Chelsea Briant, Armando Ramos, Adam Szaruga</td>
<td>University of West Georgia</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>When The Economy Goes Boom!!!</td>
<td>Luke Burchett</td>
<td>Providence College</td>
</tr>
</tbody>
</table>
**4.52 Marketing Gallagher 106**

<table>
<thead>
<tr>
<th>Time</th>
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</tr>
</thead>
<tbody>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Video Production and Red Bull: The Nexus of Teacher Preparation, Community Engagement and College Access</td>
<td>Paul Bowman</td>
<td>University of Wisconsin-River Falls</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>WARNING! Graphic Content May Improve Writing Performance!</td>
<td>Emily Collman</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Total Theatre in Franklin Elementary</td>
<td>Danielle Rosa</td>
<td>The University of Montana</td>
</tr>
</tbody>
</table>
**4.53 Education ED 241**

<table>
<thead>
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</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Effects of Carbohydrate Mouth Rinse on VO2 and Heart Rate during a Seven Kilometer Time Trial</td>
<td>Chris Ecret</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>The Effect of High-heeled Shoes on Inversion and Eversion of the Rear Foot Angle</td>
<td>Katharina Kirk, Amber Knudsen, Susan Capunay, Cristin Udall</td>
<td>Utah Valley State College</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Evaluation of a Support Group for Hispanic Adults with Diabetes</td>
<td>Sarah Salazar</td>
<td>University of the Incarnate Word</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Fatigue Index as a Simple Field Marker of Overreaching</td>
<td>Brittany Williams</td>
<td>The University of Montana</td>
</tr>
</tbody>
</table>
**4.54 Health and Human Performance McGill 210**

<table>
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<td>8:50-9:10 a.m.</td>
<td>When The Economy Goes Boom!!!</td>
<td>Luke Burchett</td>
<td>Providence College</td>
</tr>
</tbody>
</table>
Oral Session 4

4.55  Interdisciplinary Studies  Gallagh 226

8:30-8:50 a.m.  Perceptions of Homelessness: A Study in the Appalachian State University Community  Caroline Koons, Patrick Holder, Meghan Northcote  Appalachian State University

8:50-9:10 a.m.  Primo Levi and Memory  Calaya Van Dreel  North Central College

9:10-9:30 a.m.  Rhetoric to Reality: The Global Fund and the Politics of Public Health Funding in Sub-Saharan Africa  Amanda Keifer  Hendrix College

9:30-9:50 a.m.  Seeing Face to Face: Reflections on Ingmar Bergman’s Through a Glass Darkly  Christina Boyles  Concordia College
## Oral Session 5

### Health Sciences 207

**5.01 Biology**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>Aerodynamic Effects of Wing-tip Slots: Near-Field Flow Visualization Around Splayed Primary Feathers of Gliding Birds</td>
<td>Brett Klaassen Van Oorschot</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>Interpreting Pteropus conspicillatus Vocalizations during Social Activities</td>
<td>Sara Parsons</td>
<td>Albright College</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Wren house rock: vocal signaling in Henicorhina leucosticta (Troglodytidae)</td>
<td>Amber Fandel</td>
<td>Occidental College</td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>Response of Anolis sagrei to Acoustic Calls of Predatory and Non-Predatory Birds</td>
<td>Lisa Cantwell</td>
<td>University of North Carolina, Asheville</td>
</tr>
</tbody>
</table>

### Skaggs 114

**5.02 Biology**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>Effects of nitrogen availability on lipid production in Neochloris oleoabundans</td>
<td>Charles Davis</td>
<td>Salisbury University</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>The Ecological Role of Fungi in the Bolivian Amazon</td>
<td>Tara Ness</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>How a Montane Meadow Breathes Carbon After a Drink of Water</td>
<td>Teal Potter</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>Rainforest Cucumbers: An Evolutionary History of the Genus Gurania</td>
<td>Katherine Noonan</td>
<td>Ithaca College</td>
</tr>
</tbody>
</table>

### Interdisciplinary Studies 110

**5.03 Biochemistry**

<table>
<thead>
<tr>
<th>Time</th>
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</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>The Role of Zinc in Cross-linking the Glue Secreted By A. subfuscus</td>
<td>Matthew Zeitler</td>
<td>Ithaca College</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>Characterization of Binding Between Rift Valley Fever Virus Nucleocapsid N Protein and Viral RNA</td>
<td>Leila Sears</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Mycobacterium tuberculosis: Functional Studies of an Enzyme Target Central to Infections</td>
<td>Lisa Withers</td>
<td>University of North Carolina, Chapel Hill</td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>An Enantioselective Synthesis of (-)-Coniine</td>
<td>Mark Paulsen</td>
<td>Occidental College</td>
</tr>
</tbody>
</table>

### Skaggs 169

**5.04 Microbiology**

<table>
<thead>
<tr>
<th>Time</th>
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<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>Hand Sanitizers: Are they what they are purported to be?</td>
<td>Faiza Hafeez</td>
<td>Russell Sage College</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>The Prevalence of Antibiotic-Resistant Bacteria on Mosquitoes Collected from a Recreational Park</td>
<td>Jacob Eby</td>
<td>University of Toledo</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Characterization of Bed Bug Internal Bacteria Micro-flora</td>
<td>Amanda Lockwood</td>
<td>The University of Montana</td>
</tr>
</tbody>
</table>
## Oral Session 5

### Friday, April 16, 2010

**Oral Session 5**

### Oral Session 5

<table>
<thead>
<tr>
<th>Time</th>
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</tr>
</thead>
<tbody>
<tr>
<td>11:00-11:20 a.m.</td>
<td>Using Replicate Phosphate Lakes to Investigate the Effects of Land Use on the Concentration of Fecal Indicator Bacteria in Lake Water and Sediments</td>
<td>Mythili Penugonda</td>
<td>University of South Florida</td>
</tr>
<tr>
<td>10:00-10:20 a.m.</td>
<td>Evaluation of Urinary Metabolites of Aromatic Compounds as Biomarkers for Wood Smoke Exposure</td>
<td>Callie Cole</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>The Use of Bentonite Clay to Remove Metal Ions from Landfill Leachate</td>
<td>Mesha McDonald</td>
<td>Talladega College</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>The Effects of Iron and Europium Cations on Environmental Remediation Properties of Titania Dioxide</td>
<td>Anne Grady</td>
<td>University of South Dakota</td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>Use of a Metallic Overlayer for Cuprous Oxide Stabilization: A New Approach to Splitting Water for Hydrogen Fuel Production</td>
<td>Joshua Thomas</td>
<td>Student Ithaca College</td>
</tr>
</tbody>
</table>

### 5.05 Chemistry  
**Chem 123**

**5.06 Chemistry  
**Skagg 117**

### 5.07 Environmental Sciences  
**Library Buckhouse**

### 5.08 Geology/Earth Sciences  
**Urey**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>New Pennsylvanian Somoholitid species, Somoholites n.sp. from White Pine County, Nevada</td>
<td>Sarah Schattauer</td>
<td>Slippery Rock University of Pennsylvania</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>Oligocene Ichnofossils in the Non-Marine Limestone of the Brian Head Formation, Utah</td>
<td>Keenan Golder</td>
<td>Central Connecticut State University</td>
</tr>
</tbody>
</table>
Oral Sessions

Oral Session 5

10:40-11:00 a.m. Big Implications of a Late Triassic Microfossil Assemblage, Wallowa Mountains, Oregon
Jeremy Malmberg *The University of Montana*

11:00-11:20 a.m. Brachiopods: Survivors of Near Total Erasure of Life on Earth
Scott Schaefer *University of Wisconsin-Milwaukee*

5.09 Physics  Clapp 131

10:00-10:20 a.m. Direct Observation of the Sigma- Hyperon in Electroproduction Using The Clas Detector at Jefferson Lab
Christopher Willis *James Madison University*

10:20-10:40 a.m. Glue Testing for PCAL at the JLAB CLAS12 Detector
John Kroon *James Madison University*

10:40-11:00 a.m. Investigation of Silica Aerogels as Next Generation Calibration Targets
MacKenzie Sinden-Redding *University of Memphis*

11:00-11:20 a.m. Organic-inorganic diodes fabricated using electrospun poly (3-hexylthiophene) fibers and n-doped Si
Stephan Montañez *University of Puerto Rico*

5.10 Psychology  Gallagher 201

10:00-10:20 a.m. My Body is My Body: Preventative Measures of Child Sexual Abuse and Associated High Risk Behavior
LaMeshia Reese-Taylor *Eastern Washington University*

10:20-10:40 a.m. Parent-Child Relationships and Suicide Risk in College Students
Ayaka Hisanaga *Eastern Illinois University*

10:40-11:00 a.m. Parental Incarceration and Risk for Externalizing Problems in Homeless/Highly Mobile Children
Jazlynn Paige *University of Minnesota, Twin Cities*

11:00-11:20 a.m. Perceptual, Cognitive, and Physiological Responses to Video Game Play
Christian Petersen *Weber State University*

5.11 Psychology  Gallagher 202

10:00-10:20 a.m. A Multi-Method Approach to Measuring the Effects of Music on Empathy
Kelsey Springer, Ron Hopkins *University of West Georgia*

10:20-10:40 a.m. Ritual, Psychology, and Poverty in Haitian Vodou
Sunbir Gill *North Central College*

10:20-10:40 a.m. Aggression: Comparison Between Children’s and Adults’ Television Shows
Luke Mitzel *The University of Montana*

10:20-10:40 a.m. “I felt part of the decision-making process”: A Longitudinal Study on Aspects of Control and Birth Satisfaction in the Prenatal and Postpartum Periods
Taylor Morrison *Elon University*
Oral Session 5

5.12 Psychology  
Gallagher 205

10:00-10:20 a.m. Drug and Alcohol Abuse among College Students  
Ashley Dellinger  
Peace College

10:20-10:40 a.m. Effective Social Partners: Breaking the Communication Barrier Between Hearing Parents and Deaf Infants  
Jessica Dallman, Lindsay Crosby  
The University of Montana

10:40-11:00 a.m. Internet Personal Advertisements: The Influence of Gender and the Degree of Traditional Beliefs on Self-Presentation  
Stacy Brown  
Salisbury University

11:00-11:20 a.m. Psychosocial Adjustment as a Predictor of Community-Based Services Program Success  
Pavlina Bramson, Alex Dee, Sara Nygard, Matthew Lysak  
California State University Channel Islands

5.13 Mathematical Sciences  
Old Journalism 217

10:00-10:20 a.m. Analyzing a Deficient Height Sample of Pennsylvania National Guardsmen  
Kaitlyn McConville  
Westminster College

10:20-10:40 a.m. Animated Statistical Graphics using R  
Autumn Laughbaum  
Montana State University, Bozeman

10:40-11:00 a.m. Properties of Rectangular Lattice Grids  
Brett Geren  
Hendrix College

11:00-11:20 a.m. Conjugacies of Elements in Hyperbolic Groups  
William Wolf  
Eastern Illinois University

5.14 Computer Science  
NULH

10:00-10:20 a.m. The Crime Against the World – Computer Forensics  
Patricia O’Hear, Thy Nguyen  
Roger Williams University

10:20-10:40 a.m. National Crime Trends: A Data Mining Approach to Understanding the Numbers  
Matthew Byrnes  
State University of New York, Brockport

10:40-11:00 a.m. Stopping Spam Before It Starts: An Empirical Study and a Recommended Method for E-mail Address Obfuscation  
Gregory Boettcher  
University of Wisconsin-Eau Claire

11:00-11:20 a.m. Xbox LIVE: Could you be at risk while playing online?  
Jeremy Cummins, William Hill, Kyle Marlin, John Rivera  
Youngstown State University

5.15 Engineering  
UC 331

10:00-10:20 a.m. Comparison of Gas Lift Technology with Multiphase Pumping using System Analysis and Economic Evaluation Tools for the Offshore Wells in the Gulf of Mexico (GoM)  
Richard Maidla, Kade McCollough, Ross Cazenave, Tyler Thomason  
Louisiana State University, Baton Rouge
## Oral Session 5

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:20-10:40 a.m.</td>
<td>Controlling Robotics on the Battlefield Through Visual Hand Signals</td>
<td>William Biasotti, Robert Burnham</td>
<td>Norwich University</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Free Energy: 350°F Solar Heater</td>
<td>Joseph Schwierking, Kelton Moore, Sean Shropshire</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>The Effectiveness of Magnetic Dampening Systems</td>
<td>Sean Bergstedt</td>
<td>University of Nebraska, Lincoln</td>
</tr>
</tbody>
</table>

### 5.16 Bioengineering  
**Old Journalism 304**

<table>
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<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>Characterization of an automated microdroplet passive pumping platform for high-speed and packeted microfluidic flow applications</td>
<td>Brian Mogen</td>
<td>University of Wisconsin-Madison</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>Investigating the Process of Converting Microscopy Data Sets for use with Additive Manufacturing</td>
<td>John Konieczny</td>
<td>Milwaukee School of Engineering</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Validated Immersed Boundary Model of Fluid-Biofilm Interaction</td>
<td>Garret Vo</td>
<td>Montana State University, Bozeman</td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>Red Blood Cell Bioreactor</td>
<td>Leeanna Hyacinth</td>
<td>University of the Virgin Islands</td>
</tr>
</tbody>
</table>

### 5.17 Anthropology  
**ED 123**

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>Youth Revitalization in South Memphis</td>
<td>Melissa Murray</td>
<td>University of Memphis</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>Gathering Around the Frame: The Shifting Implications of a Quilting Circle in Rural North Carolina</td>
<td>Clementine Wall</td>
<td>Elon University</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>The Salad Bowl versus the Melting Pot: Preservation of Traditional Health Beliefs Among Second Generation Hmong in La Crosse, Wisconsin</td>
<td>Tyler Best</td>
<td>Luther College</td>
</tr>
</tbody>
</table>

### 5.18 Economics  
**Gallagher L09**

<table>
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<tr>
<th>Time</th>
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</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>Does Offering Microsavings Make Sense for Microfinance Institutions?</td>
<td>Kelley Bergsma</td>
<td>Villanova University</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>Does US society progress?</td>
<td>Hristo Nikolov</td>
<td>Ithaca College</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Drive For Show, Putt For Dough: Determinants of Earnings on the PGA Tour</td>
<td>Teddi Roberts</td>
<td>The University of Montana</td>
</tr>
</tbody>
</table>

### 5.19 Economics  
**Gallagher L11**

<table>
<thead>
<tr>
<th>Time</th>
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<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>The Lost Fat Paycheck: The Lifetime Cost of Obesity Resulting from Lost Wages in the U.S.</td>
<td>Anil Akoon</td>
<td>Union College</td>
</tr>
</tbody>
</table>
Oral Session 5

10:20-10:40 a.m. Tontines: An alternative system to banks in Cameroon
Eddy Frank, Fotsing Kamboh  
*University of Evansville*

10:40-11:00 a.m. Using GARCH Model to Predict Volatility in Housing Prices
Xing Yan  
*Lafayette College*

11:00-11:20 a.m. Violence in Mexico: Does the Production of Drugs Promote Violent Crime?
Michael Bellantoni  
*Lafayette College*

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5.20 Geography  
Gallagher L04

10:00-10:20 a.m. Housing Redevelopment Strategies: The Case Study of Baltimore City, Maryland
Lauren Kopishke, Christopher Fitzpatrick  
*Salisbury University*

10:20-10:40 a.m. Lexington-Fayette County as a Study Area for Examining Urban Growth Management Policies.
Meaghan Mroz-Barrett  
*University of Kentucky*

10:40-11:00 a.m. Mobilizing Place Identity: Selling The Everyday Landscape of Columbus
Brett Zehner  
*Ohio State University*

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5.21 African-American Studies  
Gallagher L13

10:00-10:20 a.m. The Deterioration of Urban Communities of Color; Assessing the Response to the U.S. Crack Epidemic
Megan Threats  
*Michigan State University*

10:20-10:40 a.m. The Cleveland Show: Continuing Stereotypical Representations of African Americans in the Media
Kathleen Collishaw  
*Bridgewater State College*

10:40-11:00 a.m. Racism vs. Homophobia: An Examination of the Civil Rights of Homosexuals in Comparison to African Americans Utilizing Social Change Theory
Whitney Stovall  
*Howard University*

11:00-11:20 a.m. Resentful Racism towards the “White Man”: A Dialectical Analysis Using Qualitative Methodology and Social Stratification Theory
Kimberly Waldon  
*Howard University*

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5.22 International-Global Studies  
Gallagher L14

10:00-10:20 a.m. The Potential for the Re-emergence of Conflict in Post-Dayton Bosnia-Herzegovina: Elite Manipulation of Ethnic Bias in Speeches
Caitlin Murphy  
*Hendrix College*

10:20-10:40 a.m. The Rehabilitation of Former Child Soldiers in Africa: What Makes for a Successful Program?
Kristen Carey  
*The University of Montana*

10:40-11:00 a.m. The United States AFRICOM Initiative: A Critical Analysis Using Qualitative Methodology and Realist Theory
Naa Kosihe Mills  
*Howard University*

11:00-11:20 a.m. The World Bank: Including Social Cohesion Towards the Development of Fragile States
Florencia Giordano  
*Florida International University*
## Oral Session 5

### European Studies  LA 204

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>The Fight for Irish Freedom: Colonial Ireland</td>
<td>Hanley John</td>
<td>University of Wisconsin-River Falls</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>Heroes, Cowards, or Résistants : The Isère Maquis and Their Effectiveness During World War II</td>
<td>Lydia Martin</td>
<td>Illinois College</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Sustainability - A Cross-Cultural Perspective</td>
<td>Cristina Morris</td>
<td>Concordia College</td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>The Socio-Political Implications of Fairy Tales: How this genre will and has changed the way people view the world</td>
<td>Kelsey Mans</td>
<td>Luther College</td>
</tr>
</tbody>
</table>

### Political Science  SS 344

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>Partisan Politics, Immigrationa and Issue Evolution, 1981-2009</td>
<td>Phillip Gulley</td>
<td>Texas Tech University</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>Presence of Female Representatives</td>
<td>Korey Lewis</td>
<td>Truman State University</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Prospects for Peace: Student Perceptions of Transitional Justice in Post-Genocide Rwanda</td>
<td>Jacqueline Lewis</td>
<td>University of New Hampshire</td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>Protecting Every Journalist: The case for an intent-based universal shield law</td>
<td>Heather Cobun</td>
<td>Susquehanna University</td>
</tr>
</tbody>
</table>

### Political Science  SS 352

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>The United States AFRICOM Initiative: A Critical Analysis Using Qualitative Methodology and Realist Theory</td>
<td>Naakoshie Mills</td>
<td>Howard University</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>Tolerance Around the World</td>
<td>Michael Melusky</td>
<td>Susquehanna University</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Utah’s Wilderness Future</td>
<td>Margaret Osswald</td>
<td>Westminster College</td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>United Nations Organization: Analysis of Reform Proposals in the Areas of Budget, Secretariat and Security Council</td>
<td>Sabrina Stein</td>
<td>University of Central Florida</td>
</tr>
</tbody>
</table>

### Political Science  SS 356

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>Business as Usual: The Failure of Microfinance to Achieve Its Potential</td>
<td>Ashley Gish</td>
<td>Hendrix College</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>China’s Rising Power: A Threat to U.S. Hegemony?</td>
<td>Pena Brandon</td>
<td>McMurry University</td>
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<tr>
<td>Session</td>
<td>Title</td>
<td>Speaker</td>
<td>Institution</td>
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<tr>
<td>5.27</td>
<td>From Wise Woman to Witch: The Role of the Midwife in the Witch Trials of Early Modern Scotland and Bavaria</td>
<td>Mahala Ruddell</td>
<td>Dominican University of California</td>
</tr>
<tr>
<td></td>
<td>Getting &quot;la gripe&quot; of the Spanish Influenza: Non-pharmaceutical Interventions in Buffalo and Rochester, New York during the 1918 Influenza Pandemic</td>
<td>Bradley Fetes</td>
<td>Westminster College</td>
</tr>
<tr>
<td></td>
<td>Grimm Reminders: A Reconstruction of German National Identity through Fairy Tales</td>
<td>Angela Merritt</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td></td>
<td>He is Melting All Nations and Races Together: The Ethnological Ramifications of the Oneness-Pentecostal Movement in Stockton, California</td>
<td>Lloyd Barba</td>
<td>University of the Pacific</td>
</tr>
<tr>
<td>5.28</td>
<td>The Sandwich Islands Mission: Clothing the Heathen Body, Saving the Heathen Soul</td>
<td>Sean Kinney</td>
<td>University of Washington, Seattle</td>
</tr>
<tr>
<td></td>
<td>The Spanish Influenza in America with a emphasis in Rochester, Minnesota</td>
<td>Elizabeth Fisk</td>
<td>University of Wisconsin-Stout</td>
</tr>
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<td></td>
<td>The Suffocation of Gilboa: Construction of the Schoharie Reservoir 1917-1926</td>
<td>Chelsea Smith</td>
<td>Susquehanna University</td>
</tr>
<tr>
<td></td>
<td>Timing Is Everything: The Influenza Pandemic of 1918 in Mahoning County, Ohio</td>
<td>Kevin Kapraly</td>
<td>Westminster College</td>
</tr>
<tr>
<td>5.29</td>
<td>Dr. Briant Stringham Jr.: Progressive Physician Changing Health Care in Utah</td>
<td>Janice LeFevre</td>
<td>Weber State University</td>
</tr>
<tr>
<td></td>
<td>The Conduit: Pakistan’s Inter-services Intelligence Directorate, the Central Intelligence Agency, and the Soviet Invasion of Afghanistan</td>
<td>Ryan Prescott</td>
<td>Truman State University</td>
</tr>
<tr>
<td></td>
<td>&quot;Andrea Dworkin and the Childhood Roots of Radical Feminism, 1951-1963&quot;</td>
<td>Abigail Wagman</td>
<td>Jacksonville University</td>
</tr>
<tr>
<td></td>
<td>Victim of Circumstance: The Presidency of James Buchanan Re-examined</td>
<td>Tristan Wood</td>
<td>Truman State University</td>
</tr>
</tbody>
</table>
Oral Session 5

5.30 English  LA 336

10:00-10:20 a.m.  The Erotic “Other”: Race and Morality in Shakespeare’s Titus Andronicus
Jacob Kahn  The University of Montana

10:20-10:40 a.m.  The Fooling Borderlands in/of Eternal Sunshine of the Spotless Mind
Mary Kay McBrayer  University of West Georgia

10:40-11:00 a.m.  The Jig is Up: “Hills Like White Elephants” and the Case for Hemingway’s Ambiguity
Bobby Willover  Western Carolina University

11:00-11:20 a.m.  The Language of Oppression
Patrick Davis  Utah Valley University

5.31 English  LA 337

10:00-10:20 a.m.  Double or Nothing: The Concept of Mirroring in Postmodernism Literature
Amadeline Baird  University of Wisconsin-River Falls

10:20-10:40 a.m.  Elizabeth I as Faith: Spenser’s Flattery in The Faerie Queene
Kyle Jennings  Viterbo University

10:40-11:00 a.m.  Escape from Religiosity through Deconstructive Theory in Mansfield Park
Shannon Richter  Westminster College

11:00-11:20 a.m.  Ever a Hedonist, Never a Warrior: Effeminacy and Masculinity in Byron’s Sardanapalus
Joseph Cook  Gettysburg College

5.32 English  LA 338

10:00-10:20 a.m.  Polly’s Story: The Abuse of Women and Male Domination
Cheryl Tevlin  Gettysburg College

10:20-10:40 a.m.  Postmodern Commentary on Little Red Riding Hood
Rachael Johnson, Phoua Yang, Oluwaferanmi Amusan  University of Wisconsin-River Falls

10:40-11:00 a.m.  Power Play: Awareness of Gender Performativity in Thomas Middleton’s “Women Beware Women” and John Webster’s “The Duchess of Malfi.”
Sarah Flocken  Occidental College

11:00-11:20 a.m.  Pride and Prejudice and Zombies: A Postcolonial Reading
Marcella Trumbower  Wingate University

5.33 English  LA 342

10:00-10:20 a.m.  Irish-American Literature from the Post-Famine Era to the Early 20th Century: The Works of Sadlier, Farrell, and Fitzgerald
Alissa Fleck  Grinnell College
## Oral Session 5

**Oral Session 5**

**Friday, April 16, 2010**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
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</thead>
<tbody>
<tr>
<td>10:20-10:40</td>
<td>“Don Juan in Pre-Brechtian Hell,” or “Shaw the Unexpected Terrorist”</td>
<td>Sarah Flocken</td>
<td>Occidental College</td>
</tr>
<tr>
<td>10:40-11:00</td>
<td>“I noot not how men hym calle”: the religious identity of the Canterbury Tales’ Merchant</td>
<td>Kirsten Huscusson</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>11:00-11:20</td>
<td>“O Shield Her!”: Sexual Instigation and Illumination in Coleridge’s “Christabel”</td>
<td>Claire Brown</td>
<td>Wells College</td>
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</tbody>
</table>

### 5.34 Literature  LA 335

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>10:00-10:20</td>
<td>Out of Sight, Out of Mind: Exploring Expatriation in James Baldwin’s Another Country</td>
<td>Julian Mitchell</td>
<td>Occidental College</td>
</tr>
<tr>
<td>10:20-10:40</td>
<td>Parliament and Prosperity: The Effects of Trade on the British Government in Alexander Pope’s The Rape of the Lock</td>
<td>Rebecca Pelky</td>
<td>Indiana University, South Bend</td>
</tr>
<tr>
<td>10:40-11:00</td>
<td>Preserving Nostalgic Tradition among Scots-Irish and Appalachian Women in Ballads</td>
<td>Jessica Hoover</td>
<td>Berry College</td>
</tr>
<tr>
<td>11:00-11:20</td>
<td>Robert Penn Warren’s Humanist Spirituality</td>
<td>Matthew Sellers</td>
<td>University of Georgia</td>
</tr>
</tbody>
</table>

### 5.35 Creative Writing  LA 334

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>10:00-10:20</td>
<td>Slow Life: An Exploration of Perceptive Reality</td>
<td>Kyle Wonser</td>
<td>Miami University</td>
</tr>
<tr>
<td>10:20-10:40</td>
<td>The Thing of It and the Who of It: Poems on the Human/Non-Human Connection</td>
<td>Abigail Stonner</td>
<td>University of Northern Iowa</td>
</tr>
<tr>
<td>10:40-11:00</td>
<td>Wandering the Unexpected Path: An Arthurian Tale</td>
<td>Kelly Bryant</td>
<td>University of Wisconsin-River Falls</td>
</tr>
<tr>
<td>11:00-11:20</td>
<td>Y, a memoir</td>
<td>Samantha Steven</td>
<td>The University of Montana</td>
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</tbody>
</table>

### 5.36 Humanities  LA 106

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:20</td>
<td>Excalibur and Hollywood</td>
<td>Rachael Merlo</td>
<td>California University of Pennsylvania</td>
</tr>
<tr>
<td>10:20-10:40</td>
<td>Faces of Reading: Multiple Exposures</td>
<td>Sarah Bruno</td>
<td>Albright College</td>
</tr>
<tr>
<td>10:40-11:00</td>
<td>Journey to Truth: The Importance of Intuition in the Lives of Pierre and Andrei of Tolstoy’s War and Peace</td>
<td>Megan Telligman</td>
<td>Valparaiso University</td>
</tr>
<tr>
<td>11:00-11:20</td>
<td>Making Things Right by Making Things Right: An Ethical Examination of the Ford Pinto</td>
<td>Max Liedl</td>
<td>Valparaiso University</td>
</tr>
</tbody>
</table>
Oral Session 5

5.37  Classical Language and Literature  LA 302

10:00-10:20 a.m.  “Swine from the herd of Epicurus”  
Micah Everson  The University of Montana

10:20-10:40 a.m.  Happily Ever After? A look at Roman marriage customs, ideals, and laws  
Emily Williston  Xavier University

10:40-11:00 a.m.  Long Past the Bones: An Illustration of Living Memory in the Iliad  
Matthew Cook  Valparaiso University

11:00-11:20 a.m.

5.38  Philosophy  LA 305

10:00-10:20 a.m.  Freedom and Moral Responsibility  
William Liktor  State University of New York, Brockport

10:20-10:40 a.m.  Fuzzy Logic and the Robotic Kitten  
Esther Donaldson  Eastern Washington University

10:40-11:00 a.m.  Game Theory: Applied to the Original Postition  
Jared Edgerton  Juniata College

11:00-11:20 a.m.  How We Decide: John Rawls, Jurgen Habermas and the Ethics of Public Debate  
David Young  Western Carolina University

5.39  Religious Studies  Gallagher 108

10:00-10:20 a.m.  St. Thomas Aquinas and a Trinitarian Renewal of Christian Life  
Andrew Peterson  Hope College

10:20-10:40 a.m.  The Beautiful Struggle: Islam, Qur’an and The Hip-Hop Jihad  
Paul DeCamp  Lafayette College

10:40-11:00 a.m.  The Flood Story: Pure Myth or Semi-Factual  
Sydney Lewis  Dominican University of California

11:00-11:20 a.m.  The Possibilities and Limitations of Theology of Nature as a Reconciliatory Strategy between Science & Religion  
Max Counter  Colgate University

5.40  Communications  LA 207

10:00-10:20 a.m.  Increasing Written Language Skills Utilizing Writing Software and Traditional Methods  
Caroline Larson  Eastern Illinois University

10:20-10:40 a.m.  Keepin’ it Funky Fresh from West Philly to the West: Racial Authenticity and Black Masculinity in the Fresh Prince of Bel Air  
Cori Tucker  University of California, Los Angeles

10:40-11:00 a.m.  Lingo, Loyalty, & Lambaste: The E-Zines of the Early French Hackers  
Kevin Gotkin  New York University
Oral Session 5

Friday, April 16, 2010

11:00-11:20 a.m. Managing Economic Crises: Bill Clinton and the Mexican Peso Crisis
Liza-Anne Cabral  Bridgewater State College

5.41 Sociology  LA 234

10:00-10:20 a.m. Theatre as a Looking-Glass: A Study of the Contribution of Neil Labute’s Drama to the Development of the Self
Kate Cook  Bowling Green State University

10:20-10:40 a.m. Towards a Modern Definition of Appalachia
Katy Elders  Western Carolina University

10:40-11:00 a.m. Transnational Women: The Dominican Migration of Women to the U.S.
Kelly Lopez  Union College

11:00-11:20 a.m. Understanding the Unique Experiences of Homeless Families and Children through Service Learning
Rory Page, Courtney Moosbrugger, Donald Stuker  The University of Montana

5.42 Sociology  LA 235

10:00-10:20 a.m. How Do Deployments Affect Military Families?
Ashley Shemery  Western Carolina University

10:20-10:40 a.m. How Long is Forever?: An Examination of Self-Esteem, Religiosity and Romantic Relationships of College Students
Taylor Hall  Bridgewater State College

10:40-11:00 a.m. How Should One Respond to a Friend that Self-Harms?
Kelly Tonsetic  Capital University

11:00-11:20 a.m. Imagination in Structuring Life Circumstances among Pre-Kindergarten Children
Amanda Gloudeman  Jacksonville University

5.43 Gender Studies  LA 243

10:00-10:20 a.m. They’re Bossy: The Surprise Rise of Women in Corporate Hip-Hop
Caelan O’Sullivan  Hendrix College

10:20-10:40 a.m. Title: (Re)Presenting Masculinity: Rock, Sex, and Spring Awakening
Joshua Black  University of West Georgia

10:40-11:00 a.m. He-man Woman Haters: Feminism in Islam
Lindsey Bright  Dominican University of California

11:00-11:20 a.m. Shattered Innocence: An Examination of Global Human Trafficking
Amanda Bienhaus  Western Carolina University

5.44 Film Studies  Gallagher 122

10:00-10:20 a.m. A Chariot in the End Zone: Anarchy, Authority, and the “Marxism” of “Horse Feathers” (1932)
Kelly Lake  Westminster College
Oral Sessions

Oral Session 5

10:20-10:40 a.m. A Study of the Woman’s Role and Star Personas in the Films of Frank Capra
Mackenzie Deese University of Wisconsin-La Crosse

10:40-11:00 a.m. Blurring the Lines: The True Effects of Batman’s Protective Watch
Kayleigh Pandolfi State University of West Georgia

11:00-11:20 a.m. Branagh, the Bard, and the Blithe: How Much Ado About Nothing Passes in Contemporary Society
Stephanie Zimmerman Hamline University

5.45 Studio Art UC Lounge

10:00-10:20 a.m. Cover Your Eyes: Considering Empathetic Response in Reviewing Visual Art Conveying Trauma
Rebekah Frank Texas State University-San Marcos

10:20-10:40 a.m. Gender Reflection
Shelby Sand University of Wisconsin-River Falls

10:40-11:00 a.m. Interpreting Children’s Stories: Sculptural Depictions of Fables, Parables, and Tall Tales
Lily Lovins Xavier University

11:00-11:20 a.m. Noise on Our Landscapes: A Series of Screenprints
Jake Ferry Xavier University

5.46 Art History UC 326

10:00-10:20 a.m. Influence of Past Maori Traditions Into Contemporary Art
Chelsea Kelly University of Wisconsin-River Falls

10:20-10:40 a.m. Jeff Koons: Artistic Parody and False Comfort in the Consumer Age
Samantha Lyons Truman State University

10:40-11:00 a.m. Layers: Dissecting the Art of Aminah Robinson
Megan Bixel Wittenberg University

5.47 Art History UC 327

10:00-10:20 a.m. Two Paintings of the Maestà: The Intersection of Art and Politics in Fourteenth-Century Siena
Gilbert Jones Texas Tech University

10:20-10:40 a.m. An Artist of Time: Themes of Temporality in the “Mirror Paintings” of Michelangelo Pistoletto
Megan Donovan Occidental College

10:40-11:00 a.m. Living Gods, Living Ritual: The Role of Candomblé in Brazilian National Art & Identity
Mercedes Jones University of Montevallo

5.48 Art History UC 330

10:00-10:20 a.m. A Prelude to the Postmodern: Imogen Cunningham’s Inventive Portrayal of Form
Stephanie Meruelo Juniata College
Oral Session 5

10:20-10:40 a.m. Ages of Man…and Woman: A Comparison of the Ages of Man Cycles in the de Lisle Psalter and de Lisle Hours
Michelle Combs University of Kentucky

10:40-11:00 a.m. Alienation and Anxiety in Nineteenth-Century French Art
Kara Blakely Wittenberg University

5.49 Music Music Recital Hall

10:00-10:20 a.m. From a Step in Harlem: A Musical Exploration of the Poetry of Langston Hughes
Alyssa Baty The University of Montana

10:20-10:40 a.m. Mozart and the Flute
Traci Kutzleb The University of Montana

10:40-11:00 a.m. Mozart to Mendelssohn: The Evolution of the Violin Concerto
Catherine Williams Appalachian State University

11:00-11:20 a.m. Music is Worth More Than 99 Cents: Mapuche Music’s Significant Link to its Cosmovision
Sara Zanussi Luther College

5.50 Business Gallagher 123

10:00-10:20 a.m. “Examination of the Relationships between Success and Fast Food in South America and Training Techniques”
Eduardo Moreira Western Carolina University

10:20-10:40 a.m. Radio Frequency Identification: Examining Technology Applications and the Potential for Privacy Abuse
Samuel Dines Edinboro University of Pennsylvania

10:40-11:00 a.m. The Relationship between Musical Ability and Academic Success in Students at Dominican University of California
Han Pham, Eulalia Wycoff Dominican University of California

11:00-11:20 a.m. Investigating the Organized Cultured Environment and Service Standards of the Four Seasons
Hayley Duncan, Sarah Warren Western Carolina University

5.51 Management Gallagher 106

10:00-10:20 a.m. Female Leaders’ Experience at Cargill, Inc.
Chantel Rice Gustavus Adolphus College

10:20-10:40 a.m. Green Evolution 3.0: The Consumers’ Demand for and Organizations’ Response to Green Products and Services
Ye Chen Providence College

10:40-11:00 a.m. Objects of Desire: An Examination of Female-Targeted Advertisements Featuring Objectified Female Models
Wells Margaret University of North Carolina, Asheville

11:00-11:20 a.m. Workplace Responses To Employee Grief Following The Dissolution Of A Romantic Relationship
Samantha Little University of North Carolina, Asheville
# Oral Sessions

## Oral Session 5

### 5.52 Education  
**ED 241**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>Factors Affecting the Academic Success of African American Girls in Mathematics and Science</td>
<td>Clarence Anthony  <em>University of Florida</em></td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>An Exploratory Study of Racial Understanding Among Preschool Children</td>
<td>Molly Hussey, Nicole Dallas  <em>Eastern Illinois University</em></td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Private School Choice: The Desegregation and Resegregation of Little Rock, Arkansas</td>
<td>Kristie Neff, Kristie Neff  <em>John Brown University</em></td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>Factors that Influence Retention of Black Male Educators</td>
<td>Jeremy Mapp  <em>Truman State University</em></td>
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### 5.53 Health and Human Performance  
**McGill 210**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speakers</th>
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<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>H1N1: Why so serious?</td>
<td>Jesse Lora  <em>Ithaca College</em></td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>HIV/AIDS and the Impact of Governmental Policy on Cultural Attitudes</td>
<td>Anupama Dathan  <em>Duke University</em></td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Ignorance Is Not Bliss: Autism</td>
<td>Joyti Jiandani  <em>Ithaca College</em></td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>Counselling African-Americans to Control Hypertension (CAATCH) Study</td>
<td>Alanna Dawkins  <em>Long Island University</em></td>
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### 5.54 Nursing  
**McGill 237**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speakers</th>
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<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>Effect of an Integrated Graphical Display on Nurse-Physician Communication</td>
<td>Natalie Canfield  <em>University of Utah</em></td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>Exploring the Human Papillomavirus among College Students</td>
<td>Kellie Blankenstein  <em>Carroll College</em></td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Haptoglobin Genotype and Functional Outcome after Subarachnoid Hemorrhage</td>
<td>Ellen Kantor  <em>University of Pittsburgh School of Nursing</em></td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>Health care disparities in rural hospitals: Language barriers, caregiver perceptions, and health literacy</td>
<td>Jessica Holland Kirby  <em>Western Carolina University</em></td>
</tr>
</tbody>
</table>

### 5.55 Interdisciplinary Studies  
**Gallagher 226**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>The 1862 Homestead Act and the Restructuring of American Spatial Imagination</td>
<td>Michael Jonagan  <em>Xavier University</em></td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>The Dharma of Social Action: Contemporary Buddhist Responses to Human Suffering from Thailand</td>
<td>Allen Groue  <em>Hendrix College</em></td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>The Importance of Guiding Girls: Understanding Adolescence Through a Photographic Medium</td>
<td>Abby Lange  <em>Valparaiso University</em></td>
</tr>
</tbody>
</table>
Oral Session 6

6.01 Biology Health Sciences 207

2:30-2:50 p.m. Illegal Fruit Bat Hunting in the Philippines: Understanding Hunting’s Draws and Management’s Flaws  
Laura Jenkins  The University of Montana

2:50-3:10 p.m. Angiotensin Type I Receptor Expression and Development of Genetic Hypertension in Rats  
Adesuwa Ighodaro University of Kentucky

3:10-3:30 p.m. Characterization of transgenic mice expressing luciferase under the dopamine transporter promoter  
Katherine Holten  University of Minnesota, Twin Cities

6.02 Biology Skaggs 114

2:30-2:50 p.m. Short-term daily color change patterns in the sand fiddler crab, Uca pugilator  
Katie Klotz  Ohio Northern University

2:50-3:10 p.m. Mud Crab Predation on Juvenile Crassostrea virginica in the Chesapeake Bay: Restoration Implications  
Rebecca Kulp  University of Maryland, College Park

3:10-3:30 p.m. Evidence for a rudimentary colon in the spiral intestine of Leucoraja erinacea  
Alyssa Simeone  Union College

3:30-3:50 p.m. Consequences of a refuge for the predator-prey dynamics of a wolf-elk system in Banff National Park, Alberta, Canada  
Joshua Goldberg  The University of Montana

6.03 Biology Skaggs 117

2:30-2:50 p.m. Fire effects on lake ecosystems: Water chemistry and zooplankton community structure  
Stephen Nikoilai  University of Wisconsin-Eau Claire

2:50-3:10 p.m. Status of the American Pika (Ochotona princeps) in the Bitterroot Mountains: A Baseline Assessment of Pika Populations  
Shannon Hilty  The University of Montana

3:10-3:30 p.m. Invasion of the Lyme disease vector Ixodes scapularis and pathogen Borrelia burgdorferi in southwestern Michigan  
Michelle Haring  University of Wisconsin-River Falls

3:30-3:50 p.m. The Relationship between Terrestrial Invertebrates and Hanta Virus  
Cody Richardson  Montana Tech of The University of Montana

6.04 Biochemistry Interdisciplinary Studies 110

2:30-2:50 p.m. Selective Oxidation of C-H bonds in Complex Natural Products  
Shady El Damaty  University of Rochester

2:50-3:10 p.m. Testing for oxidative cross-linking by an adhesive protein in the biological glue of a terrestrial slug  
Krista Fieselmann  Ithaca College
## Oral Session 6

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:10-3:30 p.m.</td>
<td>A Theoretical Investigation of Factors that Influence the Carcinogenicity of Polycyclic Hydrocarbons that Suffer One-Electron Oxidation.</td>
<td>Poojan Pyakurel</td>
<td>Randolph College</td>
</tr>
<tr>
<td>3:30-3:50 p.m.</td>
<td>Proton Uptake in the Oxidative Half Reaction of MTHFR from E. coli</td>
<td>Ivy Hsieh</td>
<td>Grinnell College</td>
</tr>
</tbody>
</table>

### 6.05 Microbiology  Skaggs 169

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Cadmium tolerance genes influence protozoan predation</td>
<td>Michael McTee</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td>Using PCR Assays to Detect Human Adenovirus Strains 36 and 37</td>
<td>Kylie McNeil</td>
<td>University of Evansville</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>Developing a Zebratfish Model to Test Vertical Transmission of Viral Hemorrhagic Septicemia Virus IVb</td>
<td>Anthony Monroe</td>
<td>Cornell University</td>
</tr>
<tr>
<td>3:30-3:50 p.m.</td>
<td>Making life simple: A species of Phyllodistomum (Digenea: Gorgoderidae) with a truncated, 2-host life cycle?</td>
<td>Matthew Ferrell</td>
<td>Auburn University</td>
</tr>
</tbody>
</table>

### 6.06 Chemistry  Chem 123

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Affiliation</th>
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</thead>
<tbody>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Computational and Experimental Investigation of the Formation of Cyclodextrin 'Host-Guest' Inclusion Complexes</td>
<td>Clint Stalnecker</td>
<td>Albright College</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td>Equilibrium Concentrations of Ammonia Dissociation Products under High Temperatures and Pressures: A Theoretical Study</td>
<td>Asia Jackson</td>
<td>Spelman College</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>Is Water Tightly Bound to Ionic Liquids Up to Water Mole Fractions of 0.5?</td>
<td>Anthony Zidell</td>
<td>State University of New York, Brockport</td>
</tr>
<tr>
<td>3:30-3:50 p.m.</td>
<td>Quantum Chemical Characterization of Candidate Insensitive High Energetic Materials</td>
<td>Rebecca Lindsey</td>
<td>Wayne State University</td>
</tr>
</tbody>
</table>

### 6.07 Environmental Science  Library Buckhouse

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
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</thead>
<tbody>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Promoting Bee Biodiversity In Local Urban Gardens</td>
<td>Ana Gutierrez, Christopher Wallace</td>
<td>Long Island University</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td>How to Keep 100,000 Girl Friends: The Careful Relationship of a Bee Keeper and Her Honeybees</td>
<td>Sarah Red-Laird</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>Intercropping and Bait Crops: A Sustainable Farm's Helping Hands</td>
<td>Kara Johson, Meagan Lott, Matt Adams</td>
<td>Montana State University, Bozeman</td>
</tr>
</tbody>
</table>
Oral Session 6

3:30-3:50 p.m. An Investigation Into the Efficacy, Consistency, and Mode of Action of an Herbal Dewormer as an Alternative Treatment Method

Alyssa de Villiers  Ithaca College

6.08 Geology/Earth Science  Urey

2:30-2:50 p.m. Effects of Digital Elevation Model Resolution on HAZUS flood mapping for the Monongahela River: California, PA

Tim Lahmers  California University of Pennsylvania

2:50-3:10 p.m. A Comparison of Methods for Estimating Past Ocean Temperatures: Results from the Eastern Equatorial Atlantic Over Late Pleistocene

Laura Bochner  Lafayette College

3:10-3:30 p.m. Rugged Bedrock Topography: A Magnetic Investigation of the Bitterroot Valley

Clinton Colwell  The University of Montana

3:30-3:50 p.m. A Recent Pollution History of Lakes Koronia and Volvi

Allyson Tessin  University of Pittsburgh

6.09 Physics  Clapp 131

2:30-2:50 p.m. Firing Up Students!

Michele Moore, Robert Treen  Eastern Washington University

2:50-3:10 p.m. Sustainably Charging Batteries Using Compost

Caitlin Ahearn  Ithaca College

3:10-3:30 p.m. Fabrication of Multiwalled Carbon Nanotube Oscillators for the Study of Torsional Properties

Joseph Hardcastle  James Madison University

3:30-3:50 p.m. Simulations of Photon Transport in South Pole Ice Using a Graphics Processor Unit

Abby Riddick  University of Wisconsin-River Falls

6.10 Psychology  Gallagher 201

2:30-2:50 p.m. Periodic Noise Exposure Produces a Stress-like Effect on Novel Object and Location Exploration

Jamie Milton  Appalachian State University

2:50-3:10 p.m. Predicting Success: An Investigation of the Wonderlic Personnel Test

Lawrence Houston III  University of Memphis

3:10-3:30 p.m. Assessment of Stress and Coping in College Students: Does A Sense of Humor Help?

Megan Chrsler, Allison Marchase, Nathaniel Douglas  University of Montevallo

3:30-3:50 p.m. Romantic Relationship Status and Academic Success

Gabby May-Shinagle, Stevie Weisbeck  University of South Dakota

6.11 Psychology  Gallagher 202

2:30-2:50 p.m. Quality of Life and Social Support in Lupus.

Edyta Debowska  Wayne State University
# Oral Sessions

## Oral Session 6

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:50-3:10 p.m.</td>
<td>Burnout and sleep hygiene in college students</td>
<td>Federica Gill</td>
<td>Hendrix College</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>A Comparison of Body Image in Jordanian and American College Students</td>
<td>Ashley DeMello</td>
<td>Bridgewater State College</td>
</tr>
</tbody>
</table>

### 6.12 Psychology  
**Gallagher 205**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Caffeine and Its Relation to Stress and Burnout</td>
<td>Joy Stegall</td>
<td>Hendrix College</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td>Prosocial Support as a Moderator for the Association Between Peer Victimization and Psychosocial Problems in Youth</td>
<td>Katrina Colbourne</td>
<td>University of Florida</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>The Effects of Social Exclusion on Aggression</td>
<td>Katherine Swiatek</td>
<td>North Central College</td>
</tr>
</tbody>
</table>

### 6.13 Mathematical Science  
**Old Journalism 217**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Macroscopic Models of Traffic Flow under Traffic Lights using Ordinary Differential Equations</td>
<td>Zhengyi Zhou</td>
<td>Occidental College</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td>Computational Methods for Ground Classification in Remote Sensing</td>
<td>Katharine Banner</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>Diffusion Limited Aggregation, Electrorheological Fluids, and Climate Change: Is There a Link?</td>
<td>Stephen Greene</td>
<td>University of Utah</td>
</tr>
</tbody>
</table>

### 6.14 Computer Science  
**NULH**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Baseball: The Winning Formula</td>
<td>Gregory Swan</td>
<td>State University of New York, Brockport</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td>WayneAd – An intelligent bidding agent for Internet advertising auctions</td>
<td>Christopher Kassab, Shaun Pezeshki</td>
<td>Wayne State University</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>The App War</td>
<td>Martin Cech, Gregory Kilbride, Gregory Farabaugh, Douglas Roth, Andy Waplinger, Ivan Glesk</td>
<td>Faculty of Informatics, Masaryk University</td>
</tr>
<tr>
<td>3:30-3:50 p.m.</td>
<td>The Gaelic Revival in the Context of Cultural Survival Through Technology</td>
<td>Corrine Olson</td>
<td>The University of Montana</td>
</tr>
</tbody>
</table>

### 6.15 Mechanical Engineering  
**UC 331**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Material Properties of a Functionally Graded Centrifugally Cast Metal Matrix Composite</td>
<td>Andrea Lazzaro</td>
<td>United States Naval Academy</td>
</tr>
</tbody>
</table>
### Oral Session 6

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:50-3:10 p.m.</td>
<td>Comparing the Tensile Properties of Parts Made from Different Selective Laser Sintering Machines using Various Build Parameter Settings</td>
<td>Jacob Rice</td>
<td>Milwaukee School of Engineering</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>Composites: A Further Understanding of Future Materials</td>
<td>Ravin Kumar</td>
<td>California State Polytechnic University, Pomona</td>
</tr>
<tr>
<td>3:30-3:50 p.m.</td>
<td>Strength Testing of Nanocomposite Materials: Design and Use of a Carbon Nano-Composite Tensile Test Instrument</td>
<td>Tyler Bechel</td>
<td>University of Wisconsin-Platteville</td>
</tr>
</tbody>
</table>

#### 6.16 Anthropology  ED 123

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Head Start: Reducing the Effects of Structural Violence and Creating the Opportunity for Agency</td>
<td>Kelsey Parker</td>
<td>Hendrix College</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td>HIV/AIDS Policy in the Obama Administration</td>
<td>Nicole Ryan</td>
<td>State University of New York, Brockport</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>“With Anything Manmade There is Going to be Danger”: The Cultural Context of Navajo Opinions Regarding Snowmaking on the San Francisco Peaks.</td>
<td>Adam Dunstan</td>
<td>Brigham Young University</td>
</tr>
<tr>
<td>3:30-3:50 p.m.</td>
<td>Origin Stories: Forms and Expressions</td>
<td>Anna Bernard-Hoverstad</td>
<td>University of the Pacific</td>
</tr>
</tbody>
</table>

#### 6.17 Economics  Gallagher L09

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Effect of Piracy through Torrents on Movie Revenue</td>
<td>Jordan Liz</td>
<td>Hartwick College</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td>Effects of Policy Driven Patent Length Exclusivity on Firm Research and Development</td>
<td>Sean Doyley</td>
<td>Hartwick College</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>Electricity Demand Smoothing: A case study at the University of Minnesota Morris</td>
<td>Michael Zajicek</td>
<td>University of Minnesota, Morris</td>
</tr>
<tr>
<td>3:30-3:50 p.m.</td>
<td>Empowering Women: Examining the Relationship Between the Number of Women Elected to Parliament and the Economic Well-being of Women in East Africa</td>
<td>Erica Lundblad</td>
<td>University of South Florida</td>
</tr>
</tbody>
</table>

#### 6.18 Economics  Gallagher L11

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Adventure Based Orientation Programs and Retention</td>
<td>Victoria Brady</td>
<td>Hartwick College</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td>Youth Smoking in Broken Homes: The Impact of Family Structure on High School Youths’ Perceived Cigarette Access</td>
<td>Moosa Haider</td>
<td>Union College</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>Choices of Child Care and Family’s Characteristics</td>
<td>Mingyu Chen</td>
<td>Rutgers, The State University of New Jersey, New Brunswick</td>
</tr>
</tbody>
</table>
### Oral Sessions

#### Oral Session 6

**6.19 Geography  **  **Gallagher L04**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Revitalization of Baltimore’s Waterfront</td>
<td>Ronald Marney</td>
<td>Salisbury University</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td>Temperature Trend in North and Central Illinois from Weather Stations and North American Regional Reanalysis</td>
<td>Anke Keuser</td>
<td>University of Wisconsin-Milwaukee</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>Voices of the Past: The Hidden History of Women’s Athletics in Texas</td>
<td>Madison Partida</td>
<td>University of Texas, San Antonio</td>
</tr>
</tbody>
</table>

**6.20 African-American Studies  **  **Gallagher L13**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>2:30-2:50 p.m.</td>
<td>The Impact of Missing African American Fathers on Child Development</td>
<td>Natalie Woods</td>
<td>University of Alabama, Birmingham</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Legal Graphics: A Graphic Design Critique of the Legal Field</td>
<td>Anastasya Uskova</td>
<td>University of the Pacific</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td>The Misrepresentation of Black Leaders: A Case Study of W.E.B. DuBois and Malcolm X</td>
<td>Tyler Myers</td>
<td>University of South Florida</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>The Dualistic Black Identity in America: A Qualitative Analysis of the Binary Approach Employed by Blacks to Gain Merit amongst the Masses</td>
<td>Olivia Robinson</td>
<td>Howard University</td>
</tr>
</tbody>
</table>

**6.21 International Studies  **  **Gallagher L14**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Western Education with Chinese Characteristics: The Adoption of the Liberal Arts into Chinese Higher Education</td>
<td>Andrew Nelson</td>
<td>Hamline University</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td>‘Friendship or Self-Interest’: Africa-China Relations in Trade, Investment and Diplomacy</td>
<td>Tiffany Man</td>
<td>University of California, Los Angeles</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>A Stepson of Chechnya: A Study of Asymmetrical War in the Modern Era</td>
<td>Conor Tucker</td>
<td>Colgate University</td>
</tr>
<tr>
<td>3:30-3:50 p.m.</td>
<td>An Apology for Food: Understanding Cuisine through a Postcolonial Critique of P.F. Chang’s China Bistro</td>
<td>George Bayuga</td>
<td>Seattle University</td>
</tr>
</tbody>
</table>

**6.22 German  **  **LA 204**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Hostility in the New Germany: Turks in Search of a Political and Cultural Identity</td>
<td>Dana Paine</td>
<td>University of Minnesota, Duluth</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td>Shakespeare as the source for Sturm und Drang authors; with special focus on Friedrich Schiller’s “Kabale und Liebe”</td>
<td>Melissa Proulx</td>
<td>North Central College</td>
</tr>
</tbody>
</table>
Oral Session 6

3:10-3:30 p.m. Uncovering the Atheist’s Hosannah: Apophatic Revelation in The Idiot
Meaghan DeWaters, University of Rochester

3:30-3:50 p.m. Utopia Through Dystopia: The Brothers Karamazov and The Master and Margarita
Julie Marie Muskat, Dominican University of California

6.23 Political Science SS 344
2:30-2:50 p.m. Religion & Stem Cell Research: A Partnership
Tallent Travis, Western Carolina University

2:50-3:10 p.m. Territorial Integrity and Ethnic Conflict in the Republic of Georgia
Sarrah Bechor, Macaulay Honors College at Queens College, CUNY

3:10-3:30 p.m. The Effect of Personal Coming Out Stories on Individual Tolerance of the LGBT Community
Logan Talbot, University of Alabama, Birmingham

6.24 Political Science SS 352
2:30-2:50 p.m. Watchdogs: The Media’s Increased Coverage of Political Scandals Following Watergate
Bennett Rea, Juniata College

2:50-3:10 p.m. When Journalists Protect their Sources, Who Protects the Journalists?
Seth Crockett, Western Carolina University

3:10-3:30 p.m. US Hierarchical Aesthetics, the Mold of the African American Male Politician: A Qualitative Treatise Using the Cognitive Theory
DeWana Williams, Howard University

3:30-3:50 p.m. Predicting Civic Engagement in Young Adults: The Effects of Celebrity-Endorsed Public Service Announcements
Michelle Theret, Xavier University

6.25 Political Science SS 356
2:30-2:50 p.m. Corruption, the Missing Link: The Connection Between Democracy and Terrorism
Hayden Smith, Western Carolina University

2:50-3:10 p.m. Does Iraq Have the Economic Base for Democratic Development?
Erin Ternes, Hendrix College

3:10-3:30 p.m. Geopolitics of the Black Sea Area: 1989-2009
Ivan Dimitrov, Lafayette College

3:30-3:50 p.m. Greenspace Redevelopment: The Limitations and Constraints of Howard’s Greenbelt in Detroit
Eric Tuomey, Wayne State University
Oral Session 6

6.26 History  ED 312

2:30-2:50 p.m. Cracks in the Pedestal: The Evolution of Virginian Women’s Rights During and After the Civil War
  Kelly Weber  James Madison University

2:50-3:10 p.m. If These Graves Could Talk...
  Riley Moran, Danielle Sharron  Baldwin-Wallace College

3:10-3:30 p.m. Improving the Big Woods: Carver County Agriculture 1860-1870
  Matt Nelson  University of Minnesota, Morris

3:30-3:50 p.m. In Pursuit of Freedom: German Emigration to the United States between 1933-1941
  Sara Pasquinelli  Elon University

6.27 History  ED 313

2:30-2:50 p.m. Treaty or Catalyst: The Failure of Versailles to Bring Lasting Peace in Europe
  Andrew Reed  Bowling Green State University

2:50-3:10 p.m. Turning a “Crucifixion into a Resurrection”: Constructing the Death of Emmett Till
  Kimberly McClurg  University of Texas, San Antonio

3:10-3:30 p.m. Underpinnings of Atrocities: An Examination of the Japanese Military, 1894-1945
  Adam Jernigan  University of North Carolina, Asheville

3:30-3:50 p.m. Vera Brittain and the Canon of World War I Literature
  Erica Whalen  University of Minnesota, Duluth

6.28 History  ED 314

2:30-2:50 p.m. “We’re Here! We’re No Longer Queer! Get Used to It!”: The Politicization of the Ex-Gay in the Modern Anti-Gay Movement
  Adam Conway  Truman State University

2:50-3:10 p.m. Dressing the French Revolution: Fashion’s Pivotal Role
  Jesse Cosper  University of Montevallo

3:10-3:30 p.m. A Summer in Somerset (UK): The Tools to Repair British Agriculture (1945)
  Rochelle Morris  University of Central Lancashire

3:30-3:50 p.m. An Experiment in Rural Living: The John C. Campbell Folk School, 1927 to 2009
  Stephanie Leiderman  University of North Carolina, Asheville

6.29 English  LA 336

2:30-2:50 p.m. The Memory of Darkness: Race and Fantasy in Medieval Romance
  James Hammond  University of Texas, Austin

2:50-3:10 p.m. The Politics and Poverty of Language in Virginia Woolf and Adrienne Rich’s Nonfiction
  Joseph Bradley Hayden  Hendrix College
## Oral Session 6

**3:10-3:30 p.m.** "The liveliest effusions of wit and humour": Jane Austen’s Defense of the Novel  
Julianne Dudley, Villanova University

**3:30-3:50 p.m.** Writing is the Tour de France: Metaphors in Freshman Conceptions of Writing  
ZuZu Feder, Montana State University, Bozeman

### 6.30 English  **LA 337**

**2:30-2:50 p.m.** Fear and Loving in Long Island: An Examination of Edward Burns’ The Brothers McMullen  
Webb Jennifer, Black Hills State University

**2:50-3:10 p.m.** Fictional Parliamentarians and the Rise of the Likable Legislator  
Christopher Skovron, Ohio State University

**3:10-3:30 p.m.** Flowery Poetics: The Dynamics of Flowers, Poetic Language, and Women’s Experiences in Virginia Woolf’s Mrs. Dalloway  
Adrienne Johnsen, Hamline University

**3:30-3:50 p.m.** From Physical to Personal: Erasing and Reassembling the Self in Sylvia Plath’s “Tulips”  
Alix Carnes, University of West Georgia

### 6.31 English  **LA 338**

**2:30-2:50 p.m.** Quiet Miscommunication in Camus’ “The Silent Men”  
Abry Freeman, Peace College

**2:50-3:10 p.m.** Re-imagining Chang-rae Lee’s Native Speaker through the National Politics of Global Capitalism  
Sharon Tran, Macaulay Honors College at Queens College, CUNY

**3:10-3:30 p.m.** Reevaluating Hawthorne in a Metafictional Context  
Benjamin Newland, McMurry University

**3:30-3:50 p.m.** Religion in Shakespeare: An Examination of Influences and Theology in “Hamlet”  
Diane Codding, McMurry University

### 6.32 English  **LA 342**

**2:30-2:50 p.m.** “Stone Soup - A Folktale Through the Ages”  
Sandi Hoag, University of Wisconsin-River Falls

**2:50-3:10 p.m.** “A Tale of a Thousand Nights”  
Anthony Liuzzi, Dominican University of California

**3:10-3:30 p.m.** “And suck the blood of all thy race”: The Family Unit in Vampire Literature  
Amy Meros, Gettysburg College

**3:30-3:50 p.m.** “Arrange Whatever Pieces Come Your Way”: Visual and Literary Art in Virginia Woolf  
Caryn Whipple, University of Wisconsin-River Falls
Oral Session 6  

6.33 Literature  LA 335  

2:30-2:50 p.m.  Sumerian and Hebrew Tales: The Great Flood Story Throughout Cultures
Nicholas Rivera  Dominican University of California

2:50-3:10 p.m.  Taking a Bite: New Media Sinks its Teeth into the Book and Changes its Future
Amanda Kennison  Elon University

3:10-3:30 p.m.  The Merchant of Venice: Understanding the Sadness
Jacob McMillian  Ottawa University

3:30-3:50 p.m.  The Duality of Romanticism in Mrs. Dalloway and The Picture of Dorian Gray
Bethany Hollenkamp  Hamline University

6.34 Literature  LA 334  

2:30-2:50 p.m.  A Thirst For Innocence
Kimberly Waddell  Western Carolina University

2:50-3:10 p.m.  Analyzing and Modernizing Wordsworth’s Theory of Permanent Interest in “Lyrical Ballads”
Richard Sims  University of Memphis

3:10-3:30 p.m.  Black Widows Thwarted: Gender Role Inversion and the Epic Hero
Circe McDonald  Dominican University of California

3:30-3:50 p.m.  Saving Humanity Through Sex
Nathan Meno  North Central College

6.35 Linguistics  LA 106  

2:30-2:50 p.m.  The Acquisition of Chinese Classifiers by Adult Non-Native Speakers
Daniel Miller  Liberty University

2:50-3:10 p.m.  The Effects of Social Trends of International Students on Learning English as a Second Language
Michael Tindall  Baldwin-Wallace College

3:10-3:30 p.m.  Suppletion in Blackfoot
David Ring  The University of Montana

6.36 Classical Languages  LA 302  

2:30-2:50 p.m.  Metis, Bie, and Hiketes: The Importance of Mind, Body, and Soul in the Character of Odysseus
Blake Edwards  Valparaiso University

2:50-3:10 p.m.  Ovidian Music: Rhythms and Pulse in the Metamorphoses
Darren LaCour  Xavier University

3:10-3:30 p.m.  Women in War: An Examination of Male Roman Authors’ Perception of Women in Military Conflicts
Karra Cuplin  The University of Montana
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker(s)</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Philosophy</td>
<td>Humans vs. Nature: The Morality of Preservation</td>
<td>Mariah Hornby</td>
<td>Western Carolina University</td>
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<td></td>
<td></td>
<td>Interdependent Knowledge: Morality and Education</td>
<td>Karl Erbacher</td>
<td>Eastern Washington University</td>
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<tr>
<td>3:10-3:30 p.m.</td>
<td></td>
<td>John Nash’s The Dominant Strategy Applied to John Rawls’ Theory of Justice</td>
<td>Jared Edgerton</td>
<td>Juniata College</td>
</tr>
<tr>
<td>3:30-3:50 p.m.</td>
<td></td>
<td>Libertarianism: the Underlying Government of Anarchy</td>
<td>Griffith Isaac</td>
<td>Montana State University, Bozeman</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Religious Studies</td>
<td>The Sacred and the Profane: The Evolution of Divine Name Traditions in Jewish Liturgy through Late Antiquity</td>
<td>Adam Zagoria</td>
<td>Hamline University</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td></td>
<td>What Happened to the Basin and the Towel?: The Early Church Fathers’ Interpretation of Footwashing in John 13</td>
<td>Emerald Davis</td>
<td>Valparaiso University</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td></td>
<td>Classic Medieval Literary Works in Modern Film</td>
<td>Colleen White</td>
<td>North Central College</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Communications</td>
<td>North and South American Trends in Journalism</td>
<td>Alexandra Reyes</td>
<td>Salisbury University</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td></td>
<td>Not Even Once?</td>
<td>Rachel Cleveland</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td></td>
<td>Presidential Rhetoric: The Charismatic Speaker</td>
<td>Elyse Alaniz</td>
<td>University of the Incarnate Word</td>
</tr>
<tr>
<td>3:30-3:50 p.m.</td>
<td></td>
<td>Product Placement in Reality Television: Practitioner and Audience Perceptions</td>
<td>Gregory Walton</td>
<td>Elon University</td>
</tr>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Sociology</td>
<td>Untangling the Relationship between Hair and Self-Esteem: The Views of Young African American Women.</td>
<td>Alexandria Nunez-Bibby</td>
<td>Union College</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td></td>
<td>What is an Ideal Prospective Mate? A Grounded Theory Analysis of Dating Profiles</td>
<td>Joshua Misner, Pete Damrow, Ken Yamauchi, Mary McFadden</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td></td>
<td>Long Term Changes in Self-perception after a Summer Service Learning Program in China</td>
<td>Pridvi Kandagatla</td>
<td>Wayne State University</td>
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### Oral Sessions

**Oral Session 6**

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<thead>
<tr>
<th>Time</th>
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<th>Presenter</th>
<th>Institution</th>
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<tbody>
<tr>
<td>3:30-3:50 p.m.</td>
<td>Momma Said They’ll Be Days Like This: Parental influences that contribute to the attitudes African American female students have about attending a predominantly white university</td>
<td>Michelle Dovil</td>
<td>University of Florida</td>
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<tr>
<td></td>
<td><strong>6.41 Sociology LA 235</strong></td>
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<tr>
<td>2:30-2:50 p.m.</td>
<td>Changing the Method of “Incarcerating” Juveniles</td>
<td>Tanvi Potdukhe</td>
<td>North Central College</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td>Investigation of an inner city public school system: The Highland Park City School District Project (Highland Park, Michigan)</td>
<td>Abdelkhalek Elagamy</td>
<td>Henry Ford Community College</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>Lingering Effects of Affirmative Action on Minorities in the United States: A Triangulative Exploration</td>
<td>Brittany Mobley</td>
<td>Howard University</td>
</tr>
<tr>
<td>3:30-3:50 p.m.</td>
<td>Longing for community: An ethnographic approach to understanding the issue of urban displacement in Seattle’s Central District</td>
<td>Margaret Wykowski</td>
<td>Seattle University</td>
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<tr>
<td></td>
<td><strong>6.42 Sociology LA 243</strong></td>
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<tr>
<td>2:30-2:50 p.m.</td>
<td>Language and Status in a Multicultural Workplace</td>
<td>Renata Byrnes</td>
<td>Wayne State University</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td>Chinese Medical Ethics: the Physician’s Personal Touch</td>
<td>Weien Wang</td>
<td>North Central College</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>An Acquired National Emancipation: A Triangulative Analysis of the Lingering Effects of Mental Barriers Surrounding Blacks and Success in the United States</td>
<td>Valerie McDonald</td>
<td>Howard University</td>
</tr>
<tr>
<td>3:30-3:50 p.m.</td>
<td>Women of History: Fading from View</td>
<td>Jan Bents</td>
<td>The University of Montana</td>
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<td></td>
<td><strong>6.43 Film Studies UC Theater</strong></td>
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<tr>
<td>2:30-2:50 p.m.</td>
<td>David Lynch’s The Elephant Man and Martin Heidegger: Freaks in a Technological World</td>
<td>Charles Bauch</td>
<td>University of West Georgia</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td>Dictation</td>
<td>Emma Lynn</td>
<td>Montana State University, Bozeman</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>Dirty Dancing Newlyweds: Reinforcing the Cinderella Myth Through YouTube Wedding Dance Videos</td>
<td>Madison Murphy</td>
<td>Occidental College</td>
</tr>
<tr>
<td>3:30-3:50 p.m.</td>
<td>Facing Our Fears: How Jacob’s Ladder Sets Out to Resolve the Repressed</td>
<td>Dustin Ledford</td>
<td>University of West Georgia</td>
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<tr>
<td></td>
<td><strong>6.44 Studio Art UC Lounge</strong></td>
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<tr>
<td>2:30-2:50 p.m.</td>
<td>Public Art Intervention: Activating Democracy</td>
<td>Broc Blegen</td>
<td>University of Minnesota, Twin Cities</td>
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<tr>
<td>Time</td>
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<td>Speaker</td>
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<tr>
<td>2:50-3:10 p.m.</td>
<td>The Essence of Landscape</td>
<td>Cheyenne Mallo</td>
<td>University of Wisconsin-River Falls</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>Unified Image Transfer to Multifaceted Ceramic Surface</td>
<td>William Pariso</td>
<td>University of Wisconsin-Whitewater</td>
</tr>
<tr>
<td>3:30-3:50 p.m.</td>
<td>Holocaust Commemoration: From the Present to the Past</td>
<td>Julie Champlin, Lauren Bartshe</td>
<td>Hendrix College</td>
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</tbody>
</table>

**6.45 Art History  UC 326**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Love and War: Rubens and the Fusion of Venus into the Personification of Peace</td>
<td>Margaret Steck</td>
<td>Minnesota State University, Mankato</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td>Masculine Homosocial Identity in Donatello’s Bronze</td>
<td>David Luke Icenogle</td>
<td>Truman State University</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>Michelangelo’s Struggle: The Fall of Classical and Platonic Ideals and the Connection between Philosophy and Art</td>
<td>Kathleen Jordan</td>
<td>Hendrix College</td>
</tr>
<tr>
<td>3:30-3:50 p.m.</td>
<td>The Ideal in Italian Renaissance Family Portraiture</td>
<td>Melanie McCune</td>
<td>Rhodes College and St. Jude Childrens</td>
</tr>
</tbody>
</table>

**6.46 Art History  UC 330**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Caravaggio and the Marginalized: Context, Impact, and Motivation</td>
<td>Amanda Ray</td>
<td>Bowdoin College</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td>Chinese Tea Pots: A Link to the Literati</td>
<td>Lauren Potter</td>
<td>University of Wisconsin-River Falls</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>Divinity or Decoration: The Many Baths of Aphrodite in Antiquity</td>
<td>Tania Leipold</td>
<td>Florida International University</td>
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</tbody>
</table>

**6.47 Music  Music Recital Hall**

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<th>Time</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>2:30-2:50 p.m.</td>
<td>Music of the Ottoman Empire: An Exploration of the Makam System</td>
<td>Matthew Ahrens</td>
<td>Bridgewater State College</td>
</tr>
<tr>
<td>2:50-3:10 p.m.</td>
<td>Music Theory: The Musical Elements that Give Life to Lyrics</td>
<td>Alyssa Gillikin</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>3:10-3:30 p.m.</td>
<td>Pablo Elvira: La Voz de Baritono under the Big Sky</td>
<td>Joseph Licitra</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>3:30-3:50 p.m.</td>
<td>Playing Like a Girl: An Analysis of the Role of Gender in Trumpet Performance</td>
<td>Leslie Aboud</td>
<td>University of Northern Iowa</td>
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</tbody>
</table>

**6.48 Business  Gallagher 123**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30-2:50 p.m.</td>
<td>“Exploring the difference between the Ritz-Carlton Hotel Company and Marriot International”</td>
<td>Yrome Graham, Tori Fullwood</td>
<td>Western Carolina University</td>
</tr>
</tbody>
</table>
Oral Sessions

Oral Session 6

2:50-3:10 p.m. Second Life: Business as Usual? Cole Cutshall, Tiffany Zinobile, Andrew Meloney, Phillip Shontz, Jennifer Hnatuck  
Juniata College

3:10-3:30 p.m. NCAA Letters of Intent: Where’s the Commitment? Mary Moore  
Western Carolina University

3:30-3:50 p.m. Asset Risk Evaluation Guide for Students Long Phan  
Xavier University

6.49 Management  
Gallagher 106

2:30-2:50 p.m. “Working to Put Food on the Table”: Fractured Identities and Mission Drift in a South African Nonprofit Organization Eric Darsow  
Brigham Young University

2:50-3:10 p.m. Attitudes Toward Affirmative Action: Are They Related To Racism? Karen Martinez Pagan  
Marquette University

3:10-3:30 p.m. CEO Background Experience: How does it affect company performance? Alex Cler  
Eastern Illinois University

3:30-3:50 p.m. Transforming a Peer Reviewed Journal (Hard Copy) to a Web Based Procedure and Product (A Project Management Case Study) Sarah Boyette  
University of North Carolina, Asheville

6.50 Education  
ED 241

2:30-2:50 p.m. Immigration and the German School System: A Freirean Perspective Matthew Beck  
Saint Johns University

2:50-3:10 p.m. Bienvenidos: Creating Familial Bonds Gerardo Rodriguez  
University of Texas, Austin

3:10-3:30 p.m. University of Wisconsin-Milwaukee’s Invitational Summer Institute: Benefiting Novice Educators Nakeysha Roberts  
University of Wisconsin-Milwaukee

3:10-3:30 p.m. Education in Guatemala: The Sixty-Nine Percent Literacy Rate Exposed Amanda Smith  
Western Carolina University

6.51 HHP  
McGill 210

2:30-2:50 p.m. Joint-Specific Power Production and Fatigue During High Intensity Cycling Justin Grisham  
University of Utah

2:50-3:10 p.m. Measures of Respiration in Trained Singers Versus Normal Speakers Hope Lorenz  
Eastern Illinois University

3:10-3:30 p.m. Outcome of Endoscopic Resection of Colorectal Tumors Christopher Jackson  
Occidental College
Oral Session 6

3:30-3:50 p.m.  Palmitate evokes ceramide-dependent reactive oxygen species (ROS) generation from sources other than NADPH oxidase in bovine aortic endothelial cells (BAECs)  Dix Pettey  University of Utah

6.52  Nursing  McGill 237

2:30-2:50 p.m.  Is there a Relationship between Parenting Styles and Sibling Relationships?  Corinne Jackman  Brigham Young University

2:50-3:10 p.m.  Medication Complexity in Older Adults  Crystal-Dawn Evans  University of Wisconsin-Milwaukee

3:10-3:30 p.m.  Misconceptions about Emergency Contraception  Morgan Welty, Sarah Franklin  Samford University

3:30-3:50 p.m.  Recognition-Primed Decision Making by Experience Oncology Nurses  Meghan Vigil  University of Utah

6.53  Animal Science / Pre-Vet  Old Journalism 304

2:30-2:50 p.m.  Quality Components of Annual Ryegrass (Lolium multiflorum Lam.) as Influenced by Date of Planting and Cultivar  William Smith  Auburn University

2:50-3:10 p.m.  Effects of Food Composition and Feeding Habits on Obesity in Adult Domestic Felines  Amanda Levesque  Russell Sage College

3:10-3:30 p.m.  Splitting Hairs: Developing an Ocelot Hair Steroid Methodology  Arielle McEwin  Texas A and M University, Kingsville

3:30-3:50 p.m.  Baylisascaris procyonis infection in rural and urban raccoons  Amanda Samson  University of Wisconsin-Stevens Point

6.54  Interdisciplinary Studies  Gallagher 226

2:30-2:50 p.m.  Use of Remote Sensing to Depict Recent Urbanization Patterns of Central Florida  Paul Biscardi  University of Central Florida

2:50-3:10 p.m.  The Prevalence and Views on Cyber-bullying and Related Internet Regulation among South Korean University Students  Tahseen Ismail  University of South Florida

3:10-3:30 p.m.  “The Evolution of Soundtrack in Civil War Film”  Andy Deen  Gettysburg College

3:30-3:50 p.m.  A Comparative Analysis of Abstraction in Visual and Sound Art  Rachel Zmora  North Central College
Oral Session 7

7.01 Biology  Health Sciences 207

8:30-8:50 a.m.  A GxE Study in Enchenopa binotata treehoppers (Hemiptera: Membracidae) using morphological and signaling studies  
Nooria Al-Wathiqui  University of Wisconsin-Milwaukee

8:50-9:10 a.m.  Conditioned Learning and Memory Retention in a Katydid  
Nichole Emerson  University of North Carolina, Asheville

9:10-9:30 a.m.  Osmoregulation in Desert Caterpillars  
Tia Hunter, Brian Foster  The University of Montana

9:30-9:50 a.m.  Investigation of PPT1 RNAi Induced Knock-Down during Drosophila Nerogenesis  
Patrick O’Hern  Union College

7.02 Biology  Skaggs 114

8:30-8:50 a.m.  Antihypertensive Drug Therapy and its Implications in Mortality in Elderly Mexican-Americans  
Stephanie Eyestone  University of Texas, San Antonio

8:50-9:10 a.m.  My head hurts: Behavioral Outcome Following ETrA Antagonist Administration After Traumatic Brain Injury  
Alexander Marinica  Wayne State University

9:10-9:30 a.m.  Poison in a Peanut Butter Sandwich: Can Turmeric Protect Against Cirrhosis?  
Carl Turner  Weber State University

9:30-9:50 a.m.  Investing the Role of sFRP4 in Osteoporosis  
Anna Gaddy  Indiana University - Purdue University

7.03 Biology  Skaggs 117

8:30-8:50 a.m.  Life After Expiration: A Study on Effective Long-term Use of Biotech Reagents for the Teaching Laboratory  
Justin Egge  Valparaiso University

8:50-9:10 a.m.  Structural Analysis of a Small Genetic Regulatory Element Specific for the Compound S-Adenosyl Methionine  
Jarrod Bogue  University of Rochester

9:10-9:30 a.m.  SMN Cleavage by Calpain: Locating Important Residues  
Molly Strayer  Elon University

9:30-9:50 a.m.  Quantification of Imprinted Methylated Genomic DNA from Human Glioblastoma Multiforme Cell Lines  
Jeremy Whidbee  Elizabeth City State University

7.04 Molecular Biology  Interdisciplinary Sciences 110

8:30-8:50 a.m.  Transcription Factor Protein Twist Participates in Ovarian Cancer Cells Differentiation and Metastatic Potential  
Vinicius Craveiro  Jacksonville University

8:50-9:10 a.m.  CD43 Expression in Lung Cancer  
Valerie Zander  University of Wisconsin-La Crosse
<table>
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<tr>
<td>9:10-9:30 a.m.</td>
<td>HIV protease inhibitors induce apoptotic and non-apoptotic cell death in ovarian cancer cells in vitro and in vivo.</td>
<td>Natalie Vandeven</td>
<td>University of Michigan</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>The Effects of an Experimental Chemotherapy on the Immune System</td>
<td>William Khoury-Hanold</td>
<td>Hamline University</td>
</tr>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Continued Query into Chiral Chromenes</td>
<td>Anders Eliasen</td>
<td>Occidental College</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Environmental photochemistry of estrogenic endocrine-disrupting compounds: kinetics and assessment of photodegradate potency</td>
<td>Christopher Whidbey</td>
<td>Seattle University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>An Investigation of the Relationship Between Thermal Bloom Diameters and Physical Properties of Molecules</td>
<td>Kathryne Allen</td>
<td>Randolph College</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Examination of the Effectiveness of Environmentally Friendly Solvents in Porphyrin Metallation and Purification Processes</td>
<td>Gregory Dye</td>
<td>University of Montevallo</td>
</tr>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Residential Water Demand and Conservation in North Carolina: Patterns and Policies</td>
<td>Katrina Folsom</td>
<td>Elon University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Agglomeration, Agricultural Development, and Deforestation in the Brazilian Amazon</td>
<td>Simon Hall</td>
<td>Salisbury University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Science vs. Myth: Montana Newspapers and Climate change information</td>
<td>Clara Schahczenski</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>130 Acres of Opportunity: Carbon Sequestration and Habitat Modeling in Urban Green Spaces</td>
<td>Kersti Muul</td>
<td>Seattle University</td>
</tr>
<tr>
<td>8:30-8:50 a.m.</td>
<td>TripleSpec Spectral Classification of a Sub-Sample of the Lepine Shara Proper Motion Catalog: Implications for Planet Searches around M Dwarf Stars</td>
<td>Mary Gooding</td>
<td>Wells College</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Ion Dynamics and Composition in the coma of Comet 19P/Borrelly as measured by Deep Space One</td>
<td>Amber Jessop</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Protostellar Outflows Examined</td>
<td>Ian Remming</td>
<td>University of Rochester</td>
</tr>
</tbody>
</table>
### Oral Session 7

#### 7.08 Physics  
**Charles Clapp 131**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Optical Computing with Holographic Sorters</td>
<td>Gregory Bentsen</td>
<td>University of Rochester</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Nonlinear Optical Properties of Quantum Dot Composites</td>
<td>Anthony Kolodzinski</td>
<td>Adelphi University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Experimental Tests of Gravity Below the 50-micron Distance Scale</td>
<td>David Shook</td>
<td>Humboldt State University</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Constructing a Multiplexer (Scanner)</td>
<td>Johnathon Thompson</td>
<td>California State University of Fresno</td>
</tr>
</tbody>
</table>

#### 7.09 Psychology  
**Gallagher Business Building 201**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Skin Conductance and Emotion Regulation in Students with Higher versus Lower Social Desirability</td>
<td>Allison Welsh, Jacob Jones, Lynette Davidson, John Kimmy Kee</td>
<td>California State University Channel Islands</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Stress and Resiliency in Minority College Students From Disrupted Homes: Is Achievement Motivation a Mitigating Factor?</td>
<td>Nicole Juliana Dewitt</td>
<td>Eastern Washington University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Stress, adjustment and weight gain: An examination of female college students</td>
<td>Mary Smith</td>
<td>Peace College</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>The Alpha Female: Current Research and Future Directions</td>
<td>Kristen Altenau, Jennifer Kollman</td>
<td>Miami University</td>
</tr>
</tbody>
</table>

#### 7.10 Psychology  
**Gallagher Business Building 202**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>College Students’ Personal Problems, Coping Styles, and Help-Seeking Preferences</td>
<td>Makenna Davis</td>
<td>Wingate University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>College women’s perceptions of reality dating programs: Does The Bachelor make women more traditional?</td>
<td>Jennifer Isherwood</td>
<td>Lafayette College</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Coming to terms with the “Wild Things”: Imagination versus avoidance in children’s coping</td>
<td>Ashley Oliver</td>
<td>Russell Sage College</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Commitment to Social Justice in the fields of Social Work, Psychology and Business</td>
<td>Megan Gesler</td>
<td>The University of Montana</td>
</tr>
</tbody>
</table>

#### 7.11 Mathematical Science  
**Old Journalism 217**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Stability of the Soliton Solution of the Two-Dimensional Nonlinear Schrödinger Equation</td>
<td>Natalie Sheils</td>
<td>Seattle University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Mathematical Modeling of CD4+ T cell and Cytokine Dynamics in Cancerous Conditions</td>
<td>Sarah Boukhris</td>
<td>University of Texas, San Antonio</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Applications of Information Theory</td>
<td>Alaina Manning</td>
<td>Rockhurst University</td>
</tr>
</tbody>
</table>
# Oral Session 7

**7.12 Mechanical Engineering  **  
**UC 331**  

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Electric Cars in Arctic Regions: Implementation of Quantitative Measurements of Air Pollution Effects and Potential Impact on Permafrost</td>
<td>Michael Golub</td>
<td>University Alaska Fairbanks</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Long Range Ambition</td>
<td>Jonathan Swartz, Dustin Fawcett, Jordan St. Pierre</td>
<td>Norwich University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Shock Wave Mitigation in Ceramic Using Enhanced Density Backing Material</td>
<td>Dro Gregorian</td>
<td>United States Naval Academy</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Thermodynamic analysis based evaluation of energy efficiency in a hydropower plant</td>
<td>Jawed Asad</td>
<td>University of Minnesota, Duluth</td>
</tr>
</tbody>
</table>

**7.13 Civil Engineering  **  
**Old Journalism 304**  

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Base Friction Modeling of Rock Toppling</td>
<td>Alaheswaran Thurairajah</td>
<td>California State Polytechnic University, Pomona</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Development of Various Porous Substrates for Removing Toxic Metals</td>
<td>Kyle Loch</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Surfactant-loaded ion exchange fibers: a novel pollution-control technology</td>
<td>Michael Adelman</td>
<td>Lafayette College</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Trident Moisture Meter: A Study on Linear Soil Model Generation and the Effect of Soil Compaction on the Models</td>
<td>Melinda Jean-Louis</td>
<td>University of Kentucky</td>
</tr>
</tbody>
</table>

**7.14 Anthropology  **  
**Education 123**  

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Arthritis?: Diagnostic Alternatives for Abnormal Bone Growth and Wear.</td>
<td>Kendra Philmon</td>
<td>Eastern Washington University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>A Good Idea but…Vanishing Rural Schools in Appalachia</td>
<td>Sierra Raimondi</td>
<td>Elon University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Analysis of the Whiting Collection</td>
<td>Jeffrey Moore Jr</td>
<td>Bridgewater State College</td>
</tr>
</tbody>
</table>

**7.15 Economics  **  
**Gallagher Business Building L09**  

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Estimating the Economic Impact of Dam Removal on Residential Property Values</td>
<td>Kevin Barnett</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>European Colonization and Income Inequality</td>
<td>Nicole Thiher</td>
<td>Coe College</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Explaining the Differences in Hours Worked Among Twelve OECD Countries</td>
<td>Krasimir Kehayov</td>
<td>Ithaca College</td>
</tr>
</tbody>
</table>
### Oral Session 7

**Saturday, April 17, 2010**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Exploring the Feasibility of a Local Carbon Market</td>
<td>Sealy Chipley</td>
<td>University of North Carolina, Asheville</td>
</tr>
<tr>
<td><strong>7.16</strong></td>
<td><strong>African-American Studies</strong> <strong>Gallagher Business Building L13</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Wake up Africa: Food Aid is not the answer</td>
<td>Vanessa Babb</td>
<td>State University of New York, Brockport</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Who Killed the Black Man?</td>
<td>Joery Francois</td>
<td>The Florida State University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>The Impact of the Election of President Barack Obama on African Americans: An African American-Centered Perspective: Using the Cultural Relativism Theory</td>
<td>Tyler Dragon</td>
<td>Howard University</td>
</tr>
<tr>
<td><strong>7.17</strong></td>
<td><strong>International Global Studies Gallagher Business Building L14</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Belonging to the World: Explaining International Adoption Using World Systems Theory</td>
<td>Noelle Connolly</td>
<td>Eastern Washington University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>CERS: A Chinese Exploration Experience</td>
<td>Kendra Smith, Bethany Leech, Deanna Robinson, Halya Zhang</td>
<td>University of Wisconsin-River Falls</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Deterrence Strategies Against the Use of Smallpox as a Biological Weapon by al Qaeda</td>
<td>Mathew Wright</td>
<td>Virginia Military Institute</td>
</tr>
<tr>
<td><strong>7.18</strong></td>
<td><strong>Native American Studies</strong> <strong>Liberal Arts 204</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Winds of Change? Indigenous Peoples, Wind Energy, and Social Justice</td>
<td>Abbie Plouff</td>
<td>Hamline University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Mexico, Montana and The Mother Tongue : How Teaching the Native Language Prepares Indigenous Students For Success</td>
<td>Laura Hanson</td>
<td>Montana State University, Bozeman</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Respecting Our Ancestors and Continuing It for Future Generations: Perception of Navajo 18 to 25 Year Olds on Why Navajo Culture, Language, and Tradition Should Be Taught on Reservation Schools</td>
<td>Mary Baker</td>
<td>Brigham Young University</td>
</tr>
<tr>
<td><strong>7.19</strong></td>
<td><strong>Political Science</strong> <strong>Social Science 352</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Reagan at West Berlin: Prosperity of Freedom and Failure of the Soviet Union</td>
<td>Jack Womack</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Stretching the Inverted U: How Far Can Current Inequality Theories Take Us?</td>
<td>Phillip Matulich</td>
<td>Western Carolina University</td>
</tr>
</tbody>
</table>
## Oral Session 7

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:10-9:30 a.m.</td>
<td>The Effect of Zionism on American Foreign Relations Concerning Palestine and Israel: 1890-1948</td>
<td>Crystal Burnett</td>
<td>Black Hills State University</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>The Effects of Institutional Corruption on the Social Livelihood of Cameroon</td>
<td>Chioma Diké</td>
<td>Howard University</td>
</tr>
</tbody>
</table>

### 7.20 Political Science  Social Science 356

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>How Term Limits Affect Competitiveness in State House Elections</td>
<td>Jeff Shank</td>
<td>University of Nebraska, Kearney</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>How Voters Can Make Rational Choices with Limited Information</td>
<td>Kristen Wulf</td>
<td>John Brown University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Ideological Labeling Bias in Press Coverage of the United States Supreme Court</td>
<td>Kayla Woodring, Joshua Harms</td>
<td>Utah State University</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>In 140 Characters or Less: How and Why Politicians Should be Using Twitter</td>
<td>Courtney Heitkamp</td>
<td>Valparaiso University</td>
</tr>
</tbody>
</table>

### 7.21 History  Education 312

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Intra racial hierarchies and the impact on socio economics and US politics</td>
<td>Darcey McCampbell</td>
<td>University of West Georgia</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Les Cheries D’Hitler</td>
<td>Elisabeth Davis</td>
<td>Shippensburg University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Mao’s Central Kingdom: Sinocentrism and the Foreign Policy of the PRC</td>
<td>Joshua Hernandez III</td>
<td>Hendrix College</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Maritime Security</td>
<td>Levi Swindell</td>
<td>Virginia Military Institute</td>
</tr>
</tbody>
</table>

### 7.22 History  Education 313

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Visions of Conflict: How Artists Portray War</td>
<td>Leighann Hilton</td>
<td>Dominican University of California</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Weaving Sovereignty: Cedar Mats in Anishinaabe Cultural Preservation</td>
<td>Joanna Schock</td>
<td>Concordia College</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Welcome to Disneyland: A Roller Coaster Ride through History</td>
<td>Melanie Wells</td>
<td>Western Carolina University</td>
</tr>
</tbody>
</table>

### 7.23 History  Education 314

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>The Arthurdale Resettlement Project: The Goals and Outcomes of Eleanor Roosevelt’s Progressive Experiment</td>
<td>Jaclyn Smith</td>
<td>Nebraska Wesleyan University</td>
</tr>
</tbody>
</table>
Oral Session 7

Saturday, April 17, 2010

8:50-9:10 a.m.  "Place Matters: Shifting Values in the La Crosse Community, 1890-1920"  Adam Bonikowske  University of Wisconsin-La Crosse

9:10-9:30 a.m.  Western Involvement in Afghanistan, 1838-1989  Adam Roberts  University of Wisconsin-River Falls

9:30-9:50 a.m.  "Civilized Under the Frowns of Misfortune": Moravian Missionaries and the Failure of Cherokee Assimilation before the Trail of Tears  Timothy Gebhardt  Salisbury University

7.24 English  Liberal Arts 336

8:30-8:50 a.m.  The Power of Hocus Pocus: Toni Morrison’s Song of Solomon and Sylvia Townsend Warner’s Lolly Willowes: Or The Loving Huntsman  Kelly Nicodemus  Albright College

8:50-9:10 a.m.  The Raping of Class: A Marxist Examination of William Faulkner’s Sanctuary  Engler Brian  Black Hills State University

9:10-9:30 a.m.  The Reinvention of Romance: Deconstructing Woolf and Palahniuk  Carrie Gagne  Hamline University

9:30-9:50 a.m.  The Sensual Poetry of Two Saints: The East and West Converge  Jennie Alice Lillard  Dominican University of California

7.25 English  Liberal Arts 337

8:30-8:50 a.m.  From the Leash to the Grave: A Marxist View of the Dog as a Sign of Oppression and Liberation Found Through Death in The Great Gatsby and Of Mice and Men  Sarah Simon  Westminster College

8:50-9:10 a.m.  Gambling With Realism and Romance in Daniel Deronda and Pride and Prejudice  Brianna Moscowitz  Hamline University

9:10-9:30 a.m.  Gender and Nationhood: Sunlight on a Broken Column as Postcolonial Feminist Discourse  Madison March  Truman State University

9:30-9:50 a.m.  Gender Stereotyping in Ancient Literature  Tracy Cabibbo  Long Island University

7.26 English  Liberal Arts 338

8:30-8:50 a.m.  Remythologizing Theology: The Book of Job and Vampires  Lee Strickler  Montana State University, Bozeman

8:50-9:10 a.m.  Richness of Tint: The Creation of Otherness in George Eliot’s Daniel Deronda  Etta Langer  Hamline University

9:10-9:30 a.m.  Rosalind as an Enforcer of Heteronormativity: Disguise and the Pervasive Influence of Patriarchy in As You Like It  Alexandra Olney  Peace College
## Oral Session 7

### Saturday, April 17, 2010

<table>
<thead>
<tr>
<th>Time</th>
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</tr>
</thead>
<tbody>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Savages to Men: Stanley Cavell and the Role of the Helpmate in ‘The Brothers McMullen’</td>
<td>Samantha Nelson</td>
<td>Black Hills State University</td>
</tr>
</tbody>
</table>

### 7.27 English

#### Liberal Arts 342

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>“I am Number One Now”: The Effects of Hegemonic Masculine Societies in James Welch’s Fools Crow and the Film Slumdog Millionaire.</td>
<td>Jessica Carroll</td>
<td>Cerritos College</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>“Invented by Horror”: Tracing the Gothic in African American Literature</td>
<td>Matthew Olson</td>
<td>Concordia College</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>“Letters in the Sky”: Ambiguity and the Search for Meaning in Virginia Woolf’s Mrs. Dalloway</td>
<td>Travis Landhuis</td>
<td>University of Northern Iowa</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>“Seeing Seville: A Travel Writing Experience in Spain”</td>
<td>Erin Stevenson</td>
<td>Elon University</td>
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</tbody>
</table>

### 7.28 Literature

#### Liberal Arts 335

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>The Hunt for Birds and Humans Draws Together Two Writers</td>
<td>Vanessa Leung</td>
<td>Dominican University of California</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>The Byproduct of a Bystander: Knowledge and Epistemology in Vanity Fair</td>
<td>Rebecca Thorn</td>
<td>Valdosta State University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>The Repressive Gaze of Argentina’s Authoritative Regime in Luisa Valenzuela’s Aqui pasan cosas raras</td>
<td>Quentin Karpilow</td>
<td>Kenyon College</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>To Test an Idea: Menippean Satire in Lawrence Durrell’s Avignon Quintet</td>
<td>Jacob Riley</td>
<td>University of North Carolina, Asheville</td>
</tr>
</tbody>
</table>

### 7.29 Literature

#### Liberal Arts 334

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>“But doth suffer a sea-change Into something rich and strange”: The Tempest subtext within Grimus</td>
<td>Nicholas Knobloch</td>
<td>University of Wisconsin-La Crosse</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>“Extreme Gusts will Blow out Fire and All”: A Sociological Explanation of Transformation in the Taming of the Shrew</td>
<td>Aaron Moritz</td>
<td>University of Wisconsin-La Crosse</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>“T-r-a-g-e-d-y”: Social Portraiture in Naguib Mahfouz’s Midaq Alley</td>
<td>Elizabeth Bramon</td>
<td>Truman State University</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>“Woven Air, Running Water, Evening Dew”: Touching the Past in Agha Shahid Ali’s “The Dacca Gauzes”</td>
<td>Lillian Bicknell</td>
<td>Truman State University</td>
</tr>
</tbody>
</table>
## Oral Session 7

### 7.30 Humanities  Liberal Arts 106

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Understanding Vacationing on the New Jersey Shore</td>
<td>Sarah Gange</td>
<td>Ohio State University</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Water Privatization</td>
<td>Rosebelle Cardenas</td>
<td>Dominican University of California</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Seeking Humanity in the Divine</td>
<td>Daisy Vega</td>
<td>Lee College</td>
</tr>
</tbody>
</table>

### 7.31 Communications  Liberal Arts 207

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenters</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Quality of Life Evolutionary Guidance System</td>
<td>Kylie Burnside, Max Kubert, Christina Julian, Laura Thornton, Lindsay Hotaling</td>
<td>Ithaca College</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Sport Marketing to Women: Where We've been and Where We're Going, A Look at the Approach of Print and Television Media Toward Women</td>
<td>Elizabeth Campi</td>
<td>Dominican University of California</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Team Assessing and Understanding Deaf Individuals' Occupations</td>
<td>Mariya Gorelik, Margarita Geller, Elizabeth Kim, Matthew Mosteller, Kelly Quinn, Meagan Rose</td>
<td>University of Maryland, College Park</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>The Czechoslovak New Wave: A Formal Analysis</td>
<td>Daniel Keeley</td>
<td>Bridgewater State College</td>
</tr>
</tbody>
</table>

### 7.32 Journalism  Gallagher Business Building 122

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>Grace Case and Beyond: The Making and Implications of an innovative news reporting platform</td>
<td>Carmen George</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>How moviemakers frame the media: An analysis of the portrayal of journalism in popular Vietnam-era cinema</td>
<td>Alexandra Milan</td>
<td>Elon University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Journalists’ Media Frame in Reporting AIDS Issues in Africa</td>
<td>Young Shin Park</td>
<td>Hamline University</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Searching for the Point of No Return</td>
<td>Kosaku Narioka</td>
<td>Texas State University-San Marcos</td>
</tr>
</tbody>
</table>

### 7.33 Sociology  Liberal Arts 234

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenters</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50 a.m.</td>
<td>The Reality of Being a Homeless Veteran in 2010</td>
<td>James Rasch, Jose Vasquez</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>Understanding the Unique Experiences of Homeless Families and Children through Service Learning</td>
<td>Donald Stuker, Rory Page, Courtney Moosbrugger</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>Food Access in Western Montana</td>
<td>Allyson Foster</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>9:30-9:50 a.m.</td>
<td>Alternative Treatments</td>
<td>Sarah Seltzer, Dylan McShane</td>
<td>The University of Montana</td>
</tr>
</tbody>
</table>
## Oral Session 7  
**Liberal Arts 235**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
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<tbody>
<tr>
<td>8:30-8:50</td>
<td>Media Depictions of AIDS in Namibia: Breaking down or reinforcing</td>
<td>Lauren Berzins</td>
<td>Wittenberg University</td>
</tr>
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<td></td>
<td>social stigmas</td>
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<tr>
<td>8:50-9:10</td>
<td>Modern Birth Control, Population Imbalances, and Unexpected Societal</td>
<td>Melanie Mosher</td>
<td>Valparaiso University</td>
</tr>
<tr>
<td></td>
<td>Effects in the United States and China</td>
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</tr>
<tr>
<td>9:10-9:30</td>
<td>On Uniform and Uniformity; Administrators and Parent’s Reactions to</td>
<td>Nikole Macedo</td>
<td>Bridgewater State College</td>
</tr>
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<td></td>
<td>School Uniform Policies</td>
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</tr>
<tr>
<td>9:30-9:50</td>
<td>Out with the Old and in with the New: A Triangulative Analysis of</td>
<td>Omar Harding</td>
<td>Howard University</td>
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<tr>
<td></td>
<td>Gentrification</td>
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</table>

## 7.35 Business  
**Gallagher Business Building 123**

<table>
<thead>
<tr>
<th>Time</th>
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<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50</td>
<td>“Investigating the Human Resource Coaching strategy of J. Alexander’s Restaurant Corporation”</td>
<td>Christopher Govan, Jonathan Devor</td>
<td>Western Carolina University</td>
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<tr>
<td>8:50-9:10</td>
<td>Shades of Green: Entrepreneurial Influences on Environmental Practice Adoption</td>
<td>Jessica Richards</td>
<td>St. Norbert College</td>
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<tr>
<td>9:10-9:30</td>
<td>The Role of Social Networks in Consumer Behavior</td>
<td>Sergio Lopez, Dustin Drake, Adam Spadafora, Andrew Keserich, John Martinez, Johnathan Tundel</td>
<td>Juniata College</td>
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## 7.36 Education  
**Education 241**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50</td>
<td>A Quantitative Analysis of Zero Tolerance and Academic Achievement:</td>
<td>LaGina Gause</td>
<td>Howard University</td>
</tr>
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<td></td>
<td>When Fear Dictates School Policy</td>
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<tr>
<td>8:50-9:10</td>
<td>An Exploration of the Support Needed for Same-Sex Parents and Their</td>
<td>Maryah Tucker</td>
<td>Dominican University of</td>
</tr>
<tr>
<td></td>
<td>Families</td>
<td></td>
<td>California</td>
</tr>
<tr>
<td>9:10-9:30</td>
<td>Relationship between preschool executive function and oral narrative</td>
<td>Kathleen Trainor</td>
<td>Eastern Illinois University</td>
</tr>
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<td></td>
<td>skills</td>
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</tr>
<tr>
<td>9:30-9:50</td>
<td>Inequality Within America’s Public School Education System: A Critical</td>
<td>Jessica Maddox</td>
<td>Howard University</td>
</tr>
<tr>
<td></td>
<td>Analysis Using Quantitative Analysis and Marxist Theory</td>
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</table>

## 7.37 Health & Human Perf.  
**McGill 210**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:50</td>
<td>Do mice with targeted disruption of the enzyme dihydroceramide</td>
<td>Nicholas Deeter, Michole Deesing</td>
<td>University of Utah</td>
</tr>
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<td>desaturase (des) develop characteristics of the metabolic syndrome?</td>
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</tr>
</tbody>
</table>
Oral Sessions

Oral Session 7

8:50-9:10 a.m. Psycholocal Markers of Overreaching Using Poms and Dalda Questionnaires
Jon Metropoulos, Kendra Higgins, Jason FauntLeRoy
The University of Montana

9:10-9:30 a.m. Relationship Between Anthropometric Data and Vertical Jump Performance
Susan Capunay, Josh Rymer
Utah Valley University

7:38 Social Work Liberal Arts 243

8:30-8:50 a.m. Assessing Montana’s Multiple Offender Drunk Drivers for Prevention Strategy Ideas.
Kimberly Spurzem, Stacy Hardy
The University of Montana

8:50-9:10 a.m. Multistakeholder Governance: The Future of the Global Internet
Andie Diemer
Elon University

9:10-9:30 a.m. Aromatherapy and Agitation Reduction in Dementia Patients
Cheri Theesen
University of Nebraska, Kearney

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Berry College Experience it Firsthand
Oral Session 8

8.01 Biology  Health Sciences 207

10:00-10:20 a.m. The Effect of Maternal Age on the Frequency of Genetic Recombination in Drosophila melanogaster

Lisa Pipino  Russell Sage College

10:20-10:40 a.m. The Bisexual Gene Regulate Courtship Behavior in Male Drosophila

Rebekah Edgell, Girija Vijayaraghavan  State University of New York, Brockport

10:40-11:00 a.m. Investigating phenotypic variation for anterior-posterior patterning in Drosophila melanogaster

Leon Venegas  St. Edwards University

11:00-11:20 a.m. The Analysis of Bovine Rhodopsin Cycling in Drosophila

Ciara Reyes  Valparaiso University

8.02 Biology  Skaggs 114

10:00-10:20 a.m. Antibiotic Resistance and Evolutionary Relatedness

Akshay Patil, Gabriel Lopez  University of California, Riverside

10:20-10:40 a.m. Identification and Molecular Characterization of Pan-Drug Resistant Clinical Isolates of Acinetobacter baumannii

Zin Oo  Long Island University

10:40-11:00 a.m. Record Low Temperatures, a Colorless Autumn, and a Recession in the Nutrient Economy of Norway Maples

Carrie Douglas, Laura Jenkins, Matthew Gould  The University of Montana

11:00-11:20 a.m. The Effects of Gentamicin during the In Vitro Erythrocytic Life Cycle of the Malarial Parasite Plasmodium falciparum

Nicole Vincelette  University of Northern Colorado

8.03 Biochemistry  Skaggs 117

10:00-10:20 a.m. The role of rab proteins in cholesterol trafficking

Oliver Klein  Ithaca College

10:20-10:40 a.m. Unlike human platelets, hibernating ground squirrel platelets are resistant to the effects of cold storage

Ryan Benrud  University of Wisconsin-La Crosse

10:40-11:00 a.m. In Vitro Studies of the Effect of Metal Ions On Urease Activity

Arif Hamid, Uchechi Amajuoyi  North Hennepin Community College

11:00-11:20 a.m. The Physiologic Relevance of an Interaction between MAGP-2 and TGF-b1 in Elastic Extracellular Matrices.

Elizabeth Merrell  Weber State University
Oral Session 8

8.04 Biology / Microbiology  
Interdisciplinary 110

10:00-10:20 a.m. Retinoids reduce IGF-1 expression in the lung of mechanically ventilated preterm lambs.  Matthew McCoy  
University of Utah

10:20-10:40 a.m. Method for Using Fluoride Varnish to Remineralize Early Dental Caries  Akshay Thusu  
University of Texas, San Antonio

10:40-11:00 a.m. Identification of Drought Responsive Genes in Apple by Modified Gene Subtraction  Jacob Moore  
Penn State University

11:00-11:20 a.m. Analysis of Genetic Structure in a Gulf Coast Population of the Seagrass Ruppia maritima  Nicole Bulla  
University of South Alabama

8.05 Chemistry  
Chem 123

10:00-10:20 a.m. Common Spices and Uncommon Properties  Heather Donati-Lewis  University of Minnesota, Crookston

10:20-10:40 a.m. Development in Potential Anti-HIV & Antimetastatic Drug: C3-Symmetric Tris-Linked Bridged Tetrazamacrocycles as Potential CXCR4 Antagonists  Courtney Garcia  Southwestern Oklahoma State University

10:40-11:00 a.m. Lupus Models Link Disease Activity with Serological Data  Jeff Walter  Hamline University

11:00-11:20 a.m. The Synthesis of Coumarins for Prostate Cancer Chemoprevention  Brandon Mills  North Carolina Agricultural and Technical State University

8.06 Physics  
Clapp 131

10:00-10:20 a.m. Optical Computing with Holographic Sorters  Gregory Bentsen  University of Rochester

10:00-10:20 a.m. Directional Complete Basis for Wave Fields in Two Dimensions  Krista Lombardo  University of Rochester

10:20-10:40 a.m. Quantum Interference of Two Independent Sources  Justin Dove  Adelphi University

10:40-11:00 a.m. Positronium Annihilation Lifetime Spectroscopy Study of SBA-15  Tracy Steinbach  Grand Valley State University

11:00-11:20 a.m. Neutron Precision Polarimetry  Roel Flores  University of Kentucky

8.07 Psychology  
Gallagher 201

10:00-10:20 a.m. Delis-Kaplan Executive Functions System Tower Test and Ability to Detect Malingering  Zachary Doyle  University of Northern Colorado
Oral Session 8

10:20-10:40 a.m. Do Course Titles and Descriptions in College Catalogs Influence Student Interest and Enrollment? (So is this an interestingly influencing title?)

Carissa Saffert  
University of Wisconsin-Eau Claire

10:40-11:00 a.m. Determinants of Male Attractiveness: “Hotness” Ratings as a Function of Perceived Resources

Gregory Shuler  
Western Carolina University

11:00-11:20 a.m. Do Different Emotions in Language Produce Switching Costs?

Sara Jordan  
University of Memphis

8.08 Psychology  
Gallagher 202

10:00-10:20 a.m. Connections with Disturbed Eating: Correlates of Disordered Eating Behaviors

Andrew Geissler, Katelyn Westaby, Catherine Dorece, Shawna Lawcewicz  
University of Wisconsin-Eau Claire

10:20-10:40 a.m. Countering Social Desirability Bias in Self-Reports of Child Guidance Techniques

Jakob Petrie  
The University of Montana

10:40-11:00 a.m. Does Happiness Predict Academic Success in the College Classroom

Anna Evans  
University of the Incarnate Word

11:00-11:20 a.m. The effect of Jesus’ ethnicity and participants’ religiosity on artist likability and positive mood

Elyse Krause  
Xavier University

8.09 Computer Science  
N. Underground Lecture Hall

10:00-10:20 a.m. A Comprehensive, Integrated, Semi-Autonomous Student Information System and User Interface for the USF Honors College

Sean Motta  
University of South Florida

10:20-10:40 a.m. Authorship Attribution for Anonymous Emails: Effects of Intentional Deception

Henry Trimbach, Michael Levinson  
Roger Williams University

10:40-11:00 a.m. VOCS: A Versatile Online Clustering System for Source Code Plagiarism Detection

Jeremy Iverson  
Saint Johns University

11:00-11:20 a.m. Survivable Mapping in IP-over-WDM Networks

Tsvetomira Radeva  
State University of New York, Brockport

8.10 Mechanical Engineering  
UC 331

10:00-10:20 a.m. Bonding of Dissimilar Materials at Sub-millimeter Scale using a Diode Laser

Evan Rashid  
Montana State University, Bozeman

10:20-10:40 a.m. Material Properties of a Sedimentation Cast Metal Matrix Composite

Sean Margot  
United States Naval Academy
### Oral Session 8

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Electro-spinning Pt nano-fibers and its Electrical performance in PEMFC (proton exchange membrane fuel cell)</td>
<td>Yuan Jia</td>
<td>University of Rochester</td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>Design and Production of Lightweight Noble Longboard Decks</td>
<td>Joseph Roberts, Jesse Newberry, Smock Matthew, White Seth, Bradley Steinmetz, Emry Bret, Carter Lashane, Sommer James</td>
<td>Eastern Washington University</td>
</tr>
</tbody>
</table>

#### 8.11 Anthropology  Education 123

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>Cultural Implications of Astronomically Oriented Complexes in Mesoamerica</td>
<td>Matthew Wallace</td>
<td>Hamline University</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>Diversity and Universals in Guarani Dialects and Populations</td>
<td>Erik Fullmer</td>
<td>Utah Valley University</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Female holistic health practitioners in the suburban United States: An ethnographic exploration</td>
<td>Ryan Bleam</td>
<td>Elon University</td>
</tr>
</tbody>
</table>

#### 8.12 Economics Gallagher L09

<table>
<thead>
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<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>Glacier National Park: What’s in a name?</td>
<td>Kate Marcille</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>Financing Practices of Small Business Owners in St. Paul and Muscat</td>
<td>Naomi Wegscheid</td>
<td>Hamline University</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Gender Differences in Cotton Productivity in Uganda</td>
<td>Xiaojie Zhang</td>
<td>University of Maryland, College Park</td>
</tr>
</tbody>
</table>

#### 8.13 International Studies Gallagher L14

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>Evidence of Confucian Ideals in Chinese Policy: Reality or Public Relations Exercise?</td>
<td>Brittany Ewer</td>
<td>Hendrix College</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>Fiscal Growth or Structural Development; The effectiveness of International Aid</td>
<td>Robert Kempton</td>
<td>Hendrix College</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Global Action, Local Volunteers: The Glocalization Effect on Amnesty International</td>
<td>Rebecca Edmunds</td>
<td>Hamline University</td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>How the Mighty Have Fallen</td>
<td>Jeremy Block</td>
<td>Dominican University of California</td>
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</tbody>
</table>

#### 8.14 Asian Studies Liberal Arts 204

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>Culture Leads to Crisis: The Bursting of the Japanese Economic Bubble</td>
<td>Alexander LaRose</td>
<td>Occidental College</td>
</tr>
</tbody>
</table>
### Oral Session 8

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:20-10:40 a.m.</td>
<td>Great Western Development, Rural Peasants and Water Policy in Northwest China: A Case Study On Water Resource Management in Qinghai and Gansu</td>
<td>Mikaela Hagen</td>
<td>Central Washington University</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Health Care Discrepancy Amongst Korean Americans</td>
<td>Yuseb Cha</td>
<td>University of California, Los Angeles</td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>Japanese Cosplay and its American Metamorphosis</td>
<td>Rachel Tackett</td>
<td>Furman University</td>
</tr>
</tbody>
</table>

#### 8.15 Political Science  Social Science 352

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>The Evolving Definition of the American Political South in the 21st Century</td>
<td>Ryan Burwinkel</td>
<td>Hendrix College</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>The Fight Against the War on Terror: Consequences in a Post-9/11 America</td>
<td>Nora Nicholl-Lewandowski</td>
<td>Dominican University of California</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>The Historical Development of Sexual Education Policies in the United States and the Netherlands</td>
<td>Beatrice Roger</td>
<td>Hendrix College</td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>The Level of Education Spending and its Relation to Voter Turnout in the United States</td>
<td>Timoteo Hines</td>
<td>Western Carolina University</td>
</tr>
</tbody>
</table>

#### 8.16 Political Science  Social Science 356

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>In the Pulpit, At the Polls: Religious Institutions and Political Engagement</td>
<td>Andrew Barnhill</td>
<td>Furman University</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>International Criminal Court</td>
<td>Jessica Scharf</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>Iraqi Surge Implications in Afghanistan: COIN Strategy in Afghanistan</td>
<td>Ahad Ahmed</td>
<td>Virginia Military Institute</td>
</tr>
</tbody>
</table>

#### 8.17 History  Education 312

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>Married to God: Saing Eulalia in the Spiritual and Physical Realm in Medieval Spain</td>
<td>Wynn Barnard</td>
<td>Seattle University</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>Medieval Hats: Social Barometers of Linen and Lace</td>
<td>Lauren Van Zandt</td>
<td>Hendrix College</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Medieval Hungary: A Perpetuator of Misogyny or Proponent of Female Autonomy?</td>
<td>Mariska Kecskes</td>
<td>Seattle University</td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>Neutrality, Attack, and Retaliation: Captain Donald G. Smith and World War II, 1941-1942</td>
<td>Eric Zimmer</td>
<td>Black Hills State University</td>
</tr>
</tbody>
</table>
Oral Session 8

8.18 History Education 313

10:00-10:20 a.m. Women of the Golden Gate: Prostitutes During the San Francisco Gold Rush, 1848-1870
Margaret DePond Dominican University of California

10:20-10:40 a.m. Hobbesian Hell: An Analysis of the Australian Penal Colony at Port Jackson
Angela Riotto Juniata College

10:40-11:00 a.m. One Nation under God: An Evaluation of Christian Fundamentalist Teachings on American History
Jonathan Greenlee John Brown University

8.19 History Education 314

10:00-10:20 a.m. Dispelling the "Plantation Myth:" Regionalism and Margaret Mitchell’s critique of the South in Gone with the Wind
Lindsey Steele Salisbury University

10:20-10:40 a.m. Did Democracy Fail? An Examination of the Downfall of the Weimar Republic
Mark Hill Dominican University of California

10:40-11:00 a.m. "Mimi Ramsey, Feminists, and the Anti-FGM Movement in the United States, 1974-1996"
Shonnika Henry Jacksonville University

8.20 English LA 342

10:00-10:20 a.m. "That Is the Whole": Nature and Character in Virginia Woolf’s Mrs. Dalloway, To the Lighthouse, and The Waves
Benjamin Frey University of Wisconsin-River Falls

10:20-10:40 a.m. "That’s what she said": Narrative Perspective & Sympathy in The Office
David McCarthy Hamline University

10:40-11:00 a.m. "Traumatized by Supermodels": A Co-textual Comparison of Bridget Jones’ Diary and Dove’s Campaign for Real Beauty
Phoebe Morris Elon University

11:00-11:20 a.m. A Clash of Realites; A Study of James Welch’s Fools Crow
Brian Stampe Black Hills State University

8.21 English LA 338

10:00-10:20 a.m. Seamus Heaney and the Search for Truth
Jordan Sheets Black Hills University

10:20-10:40 a.m. Self-Representation and Psychic Space: Interior Habitations in George Elliot’s Adam Bede
Maria Lopez Peace College

10:40-11:00 a.m. Sex and Equality: Anne Bradstreet and the Creation for a Community of Love
Monika Hotz Black Hills State University
Oral Session 8

11:00-11:20 a.m.  Sex and Swordplay: Teen Fantasy Fiction in Cultural and Feminist Contexts
Mikayla Moffet  Hamline University

8.22  English  LA 337

10:00-10:20 a.m.  Gilgamesh and Ibn Fattouma: Parallel Quests in Life
Robyn Ridpath  Dominican University of California

10:20-10:40 a.m.  Giving up the ghost: the dramatization of the Jacobean Elizabeth in The Revenger’s Tragedy and Henry VIII
Sophia Gu  University of California, Los Angeles

10:40-11:00 a.m.  Gone to the City: Urban and Rural Identity in Flannery O’Connor’s Wise Blood
Elizabeth Allen  University of Memphis

11:00-11:20 a.m.  Gossip and Gender: Mr. Wickham’s Trangression of Gender Binary Roles
Kathleen Flynn  Gettysburg College

8.23  English  LA 336

10:00-10:20 a.m.  The Uprising That the Civil War Could Have Been
Vanim Zetreus  Utah Valley University

10:20-10:40 a.m.  The Wife of Bath vs. the Medieval Church
Cara Bandalos  Black Hills State University

10:40-11:00 a.m.  The Wreckage within The Bell Jar
Vesta Grubb  Lee College

11:00-11:20 a.m.  Two-fer-one: A look at how narrative devices can shape two different audiences for one story
Priyanka Mookerjee  Ohio State University

8.24  Literature  LA 335

10:00-10:20 a.m.  Virgins, Victims, Vixens, and Villainesses: Golden Hair and the Othered Female in Dante
Gabriel Rossetti, Robert Browning, Christina Rossetti, and Mary Elizabeth Braddon, Jessica Bamford-Love  University of Northern Iowa

10:20-10:40 a.m.  What has the Greater Impact: A Work of Historical Fiction or a Graphic Narrative?
Lara Martinez  Long Island University

10:40-11:00 a.m.  Why Witches Matter: An Analysis of Contemporary Literature’s Portrayal of Pagan Spiritualities
Sarah Oboda  The Sage Colleges

8.25  Literature  LA 334

10:00-10:20 a.m.  A North Brooklyn Story: Gentrification Through the Literary Lens
Ian Smith  Long Island University

10:20-10:40 a.m.  A Paradise of Negatives: Naguib Mahfouz’s The Journey of Ibn Fattouma
Jaime Castner  Dominican University of California
## Oral Sessions

### Oral Session 8

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
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</thead>
<tbody>
<tr>
<td>10:40-11:00 a.m.</td>
<td>A Second Look: Perceptions of the Grotesque in Frankenstein and Edward Scissorhands</td>
<td>Elise Devereux</td>
<td>Occidental College</td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>A Seducer’s Strength: Sanford’s Subversive Role in The Coquette</td>
<td>Sarah Crompton</td>
<td>College of Saint Benedict</td>
</tr>
<tr>
<td>10:00-10:20 a.m.</td>
<td>Making Sense of Experience: The Tractarian and Phenomenological approaches to The World</td>
<td>Hayden Harvey</td>
<td>Seattle University</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>Medicinal Existentialism</td>
<td>Mackenzie Becker</td>
<td>Capital University</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Nietzsche’s Destruction of the Moral Tradition and the Revaluation of Values</td>
<td>Angel Cooper</td>
<td>Bridgewater State College</td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>No Exercised Autonomy on Food Choices</td>
<td>Amanda Putman</td>
<td>Utah Valley State College</td>
</tr>
</tbody>
</table>

### 8.26 Philosophy  Liberal Arts 305

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>The effects of dialect on the everyday lives of Alabamians</td>
<td>Mya McGee</td>
<td>University of Montevallo</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>The Fix Is In: The Quiz Show Scandals Meet the Twenty-First Century</td>
<td>Daniel Haack</td>
<td>Ithaca College</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>The Politics of Persuasion: An Analysis of Persuasive Competition</td>
<td>Anne Sherwood</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>The Sexual Self-Schema of Female Adolescents in Ward 8</td>
<td>Monique Robinson</td>
<td>University of Maryland, College Park</td>
</tr>
</tbody>
</table>

### 8.27 Communications  Liberal Arts 207

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>10:00-10:20 a.m.</td>
<td>Homelessness in Missoula, Montana</td>
<td>Allyson Foster, William Crabtree</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>10:20-10:40 a.m.</td>
<td>Understanding the Unique Experiences of Homeless Families and Children through Service Learning</td>
<td>Courtney Moosbrugger, DJ Stuker, Rory Page</td>
<td>The University of Montana</td>
</tr>
<tr>
<td>10:40-11:00 a.m.</td>
<td>Impact of High School setting on Student Success at Colleges and Universities.</td>
<td>Marcus Pruitt</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>11:00-11:20 a.m.</td>
<td>Alternative Substance Abuse Treatment for Consumers at the Salcido Drop in Center</td>
<td>Dylan McShane, Sarah Seltzer</td>
<td>The University of Montana</td>
</tr>
</tbody>
</table>
### Oral Session 8

#### 8.29 Sociology  
**Liberal Arts 235**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>10:00-10:20</td>
<td>Overlooked Success: Mexican-American Business Owners’ Mobilization of Social Capital</td>
<td>Danielle Clark</td>
<td>University of California, San Diego</td>
</tr>
<tr>
<td>10:20-10:40</td>
<td>Pan-Ethnic Labels and Ethnic Identities of Hispanic/Latino Second Generation Immigrants</td>
<td>Maria Duenas</td>
<td>New College of Florida</td>
</tr>
<tr>
<td>10:40-11:00</td>
<td>Passing and Celebrity: Imagining alternative notions of health and disease</td>
<td>Emma Catherwood</td>
<td>Occidental College</td>
</tr>
<tr>
<td>11:00-11:20</td>
<td>Poverty in America: A Triangulative Treatise of a Numbers Game</td>
<td>Gabrielle Bailey</td>
<td>Howard University</td>
</tr>
</tbody>
</table>

#### 8.30 Criminology  
**Liberal Arts 243**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>10:00-10:20</td>
<td>Collateral Consequences for Female Felony Offenders in the United States</td>
<td>Jennifer Cossyleon</td>
<td>Marquette University</td>
</tr>
<tr>
<td>10:20-10:40</td>
<td>The Influences of Fatigue and Suggestibility on Child Witnesses</td>
<td>Patrick Brady, Erin Swedish</td>
<td>Weber State University</td>
</tr>
<tr>
<td>10:40-11:00</td>
<td>Women in Mental Health Courts: An Examination of Mental Illness, Substance Abuse, and Crime</td>
<td>Sheila Tillman</td>
<td>Russell Sage College</td>
</tr>
</tbody>
</table>

#### 8.31 Education  
**Education 241**

<table>
<thead>
<tr>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>10:00-10:20</td>
<td>Charter Schools: A Qualitative and Quantitative Exploration of Specialized Education in Inner City School Systems</td>
<td>Tara Joseph</td>
<td>Howard University</td>
</tr>
<tr>
<td>10:20-10:40</td>
<td>College Major Choice in the Liberal Arts Context: Exploring the Links Between Undergraduate Field of Study, Expected Career Outcomes, and Graduate/Professional Study</td>
<td>Justin Etinger</td>
<td>Colgate University</td>
</tr>
<tr>
<td>10:40-11:00</td>
<td>Developmental Mentoring, Relationship Quality and School Adjustment: The Chapel Buddy Program</td>
<td>Kate Hopkins</td>
<td>Elon University</td>
</tr>
<tr>
<td>11:00-11:20</td>
<td>What’s Different About Dialogue? A Comparitive Approach</td>
<td>John Myers</td>
<td>University of Memphis</td>
</tr>
</tbody>
</table>

#### 8.32 Health/Human Performance  
**McGill 210**

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:20</td>
<td>The Relationship between Grip Strength and Upper Body Strength: Validity of the Hydraulic Hand Dynamometer</td>
<td>Courtney Langton</td>
<td>Salisbury University</td>
</tr>
<tr>
<td>10:20-10:40</td>
<td>The effect of core strength on swing speed in a golf swing</td>
<td>Nicholas Rust</td>
<td>Utah Valley State College</td>
</tr>
</tbody>
</table>
Oral Sessions

Oral Session 8  
Saturday, April 17, 2010

10:40-11:00 a.m. Wii-Hab: The Potential Benefits of Using the Nintendo Wii for Sports Injury Rehabilitation  
Lucas Bahnmaier  
The University of Montana

11:00-11:20 a.m. The Effect of Training with Nintendo Wii Fit Balance Programs on Measures of Balance in Older Women  
Vashti DeRosier, Molly Hyland  
Minnesota State University, Mankato

8.33 Interdisciplinary Studies  
Gallagher 226

10:00-10:20 a.m. Battered Lives: Addressing the Collateral Effects of Domestic Violence on College Campuses  
Natalie Lamphier  
Hamline University

10:20-10:40 a.m. Battle of the Sexes: Power and Gender Roles According to Saadawi and Adnan  
Janelle Harris  
Dominican University of California

10:40-11:00 a.m. Carving Out Sacred Space  
Gwendolyn Williams, Katherina Santangelo  
Gettysburg College

11:00-11:20 a.m. College Athletes Attitudes and Perspectives Towards Non-Heterosexually Oriented Teammates  
Kiera Duckworth  
Ithaca College
Poster Sessions and Graduate Fair Map
Session 1
Thurs 8:40-10:10 a.m.

DP1.1 Music is Worth More Than 99 Cents: Mapuche Music’s Significant Link to its Cosmovision
Sara Zanussi     Luther College

DP1.2 Determination of a Mature Circadian Rhythm in the Eye of Xenopus laevis
Lacmbouh Ade     University of Wisconsin-Whitewater

DP1.3 Selecting the Correct ONIOM Model for Computational Studies of Carbon Nanotubes
Elizabeth Horn, Vencislav Parvanov, Keiji Morokuma   Rockhurst University

Session 2
Thurs 1:30-2:50 p.m.

DP2.1 Examining Probabilities of Completion to Time/Cost Tradeoff, A Critical Analysis of PERT/CPM Procedures
McKenna Stockhausen, Lauren Turnburke   University of North Carolina, Asheville

DP2.2 Determination of the Target Site and Mechanism of Stringent Response Effectors, ppGpp and DksA, on DNA-Dependent Bacterial RNA polymerase."
Kyle Skalenko     Rutgers University

DP2.3 Determining the Origins of Dog Domestication
Whitney Oliver     The University of Montana

DP2.4 Using the Nitrogen Cycle Cycling in Mulching Treatments in a Small Scale Vegetable Farm to Analyze Nitrogen Fertilizer Alternatives
Allison Ramsey     Montana State University

Session 3
Thurs 3:00-4:20 p.m.

DP3.1 The effect of climate variation on growth rates and body condition of Columbia spotted frogs (Rana luteiventris) in a high mountain ecosystem
Laurel Ann Curry   The University of Montana

DP3.2 Determination of the Pesticide Imidacloprid in the Pollen of Injected Ash Trees
Lisa Kyle     Wayne State University

DP3.3 Zonation of Hermit Crab Species at Kupikipiki’o Intertidal Peninsula, Hawaii
Sherine Boomla     Kapiolani Community College

DP3.4 Lesser Snow Goose Reproductive Effort under the Extreme Cold Conditions of 2009
Jessop Boden   Utah State University

Session 4
Fri 8:30-9:50 a.m.

DP4.1 Examination of the Validity of Item Onen on the Child Guidance Interview
Heather Ingman   The University of Montana

DP4.2 Predictors of Relationship Quality Between Adolescents and their Parents in Santiago, Chile
Michelle Ho   University of Michigan

DP4.3 Home is Where One Starts From*: Space in Selected Poems of T.S. Eliot
Lindsay Nichols     Ohio State University

DP4.4 A Culture of Spectacles: Social Performances of Madness & Victorian Morality in Shakespearean Theatre
Sharon Park     Occidental College
Session 5

DP5.1 Online Dating through Media Virtual Worlds
Minhtuyen Mai
University of Wisconsin

DP5.2 Hoods to the Woods: Wilderness Effect on At-Risk Youth
Carrie Truong
University of California-Los Angeles

DP5.3 Effects of hyperglycemia and dexamethasone in a model of neurodevelopment
Yeohan Song
University of Pittsburgh

DP5.4 Observation of Unusual Homoeptaxy in Ultrathin Pentacene Films
Mun Ee Woo
University of Minnesota, Twin Cities

Session 6

DP6.1 Equal Opportunity Enrichment: Investigating Three Marsupial Species’ Interaction with Enrichment
Lauren Kline
College of Idaho

DP6.2 Trident Moisture Meter: A Study on Linear Soil Model Generation and the Effect of Soil Compaction on the Models
Melinda Jean-Louis
University of Kentucky

DP6.3 Women’s Preventive Health: Where Are You Getting Your Information?
Emily Prosser, Valerie VanTussi, Jaimi Barth
University of Wisconsin-Eau Clare

Session 7

DP7.1 Genetics of Speech and Language Disorders
Danielle Littrell
Elmhurst College

DP7.2 Lessons Learned in Establishing Public-Private Partnerships on U.S. Toll Roads (currently oral)
Eric Magazu
University of Massachusetts, Amherst

Session 8

DP8.1 Colloid Filtration System
Jack Stransky
University of Wisconsin-Stout

DP8.2 Native Speakers’ Perception of Fluency: Indicators of Proceduralization
Maya Randolph
Bard College at Simon’s Rock
Poster Sessions

Poster Session 1

Advertising

Kiosk: 1A
The Ghost of Tobacco Companies’ Past: A Content Analysis of Tobacco Print Advertisements Before and After The Master Settlement Agreement of 1998
Andrea Lowe University of Kentucky

Kiosk: 1B
Descent rate control of an autonomous Cansat
Jeff Griffith, Dana Johnson Kapiolani Community College

Aeronautical/Space Engineering

Kiosk: 1B
Descent rate control of an autonomous Cansat
Jeff Griffith, Dana Johnson Kapiolani Community College

African-American Studies

Kiosk: 14C
A Grand Coalition: A Triangulative Analysis of the Inter-cultural Relations between African Americans and Latinos
Olga Figueroa Howard University

Kiosk: 15A
The Impact Women Contributed During the Haitian Revolution
Patricia Jordan Indiana University - Purdue University

Animal Science/ Pre Vet

Kiosk: 16A
Veterinarians’ Perceptions on the Prescription and Efficacy of Psychotropic Medications
Stephanie Aragon University of South Florida

Kiosk: 15B
Bacterial survival rate in sanitizing teat dips for dairy cows.
Stephanie Retz University of Wisconsin-River Falls

Kiosk: 15C
Gag Gene Diversity in Equine Infectious Anemia Virus (EIAV) Field Isolates from the United States
Zachary Willand University of Kentucky

Anthropology

Kiosk: 16B
Artificial Cranial Modification at Carson Mounds
Amanda Bailey University of Wisconsin-La Crosse

Kiosk: 16C
Buddhism and the “Third” Gender: Yesterday and Today
Christina Esmay Western Carolina University

8:40am-10:00am, Thursday, April 15, 2010

Kiosk: 17B
Evidence of Holocene climate change from Baja California: The Leporids from Abrigo de los Escorpiones
Isaac Hart University of Utah

Kiosk: 19C
The Rise of a “Techno-Class”?: An Ethnography of American College Students’ Use of the Internet
Alexandre Manigault Montana State University, Bozeman

Kiosk: 18C
The American Arabic Student: Observing Social and Cultural Variables in Cross-Cultural Communication
SaRanda Murphy University of Florida

Kiosk: 17C
Knowledge of Raramuri Healing Practices to Remedy Illness in the Sierra Tarahumara
Justin Nelson Hadley, Jazmine Wittman Utah Valley State College

Kiosk: 18B
Shoo Fly Don’t Bother Me! A Study of Entomological Activity in Western North Carolina
Stephanie Peters Western Carolina University

Kiosk: 17A
Entrepreneurial Migrants in the City of Marina
Enrique Villa California State University, Monterey Bay

Kiosk: 19B
The Nose Knows – A Statistical Classification of Ancestry from Craniofacial Measurements
Taylor Yuzwa The University of Montana

Architecture/Interior Design

Kiosk: 20C
Waste Not, Want Not: Exploring the Use of Found and Recycled Materials in Architecture
Lindsey Elza University of Kentucky

Kiosk: 20B
Steel Shipping Containers Modular Home (SSCMH) simple and economical eco-friendly housing or shelter alternative
ALLEN MICHAEL LEWIS ITT-Tech Institutute - Albany, NY

Kiosk: 20A
Preliminary Sizing of Mechanical & Electrical Rooms for Buildings
Andrew Mock Oklahoma State University
Poster Session 1

Art History

Kiosk: 21B
Vincent Smith: Identity in Collage in the 1970's
Dena Rapoport  Ohio State University

Asian Studies

Kiosk: 21C
Filipino Nurses to the Midwest Region of the United States
Joseph Noreik  University of Wisconsin-Oshkosh

Astronomy

Kiosk: 23A The Harvard College Observatory Announcement Cards: A Historical Note from Astronomy
Dan Molgaard  The University of Montana

Kiosk: 22C
The Declining Trend of Sunspots and Solar Irradiance
Joshua Moravec  University of Nebraska, Kearney

Kiosk: 22B Massive HI Disks in the ALFALFA Survey
Kim-Yen Nguyen  Cornell University

Kiosk: 22A
Evaluation of a Fiber Optic Spectrometer for Stellar Spectroscopy
Emily Richens  Truman State University

Astrophysics

Kiosk: 23B
Neutron Capture Rates and the r-Process Abundance Pattern in Shocked Neutrino-Driven Winds
Daniel Barringer  Union College

Kiosk: 23C
The Oden Ice Breaker Calibration Cruise: Extending the IceTop Array for Solar Study
Kyle Jero, Drew Anderson, Samantha Jakel  University of Wisconsin-River Falls

Kiosk: 24A The Pickup of Titan's Ionospheric Ions into Saturn's Magnetosphere
Ronald Powell  The University of Montana

Atmospheric Sciences

Kiosk: 24C Quantitative Analysis of Volatile Organic Aerosols in the Atmosphere
David Bowman  Appalachian State University

8:40am-10:00am, Thursday, April 15, 2010

Biochemistry

Kiosk: 12A
Characterization of the Ambystoma tigrinum neurotoxin through synthesis of a cDNA library from tail tissue
Kaitlynn Andre  North Central College

Kiosk: 4C
The Effects of Salt and DNA on RECA Stability and Unfolding
Brittany Danzig  James Madison University

Kiosk: 5C
Antimicrobial Chemical Defense: Identification and Application of Antifungal Metabolites From Janthinobacterium lividum and Pedobacter cryoconitis
Patrick Wiggins  James Madison University

Biology

Kiosk: 13B
America Rejects a Fountain of Youth? Resveratrol and Pathogen Assessment in Native Grapes
Maria Carr  Luther College

Kiosk: 7C
Phosphatase Activity in Yeast: The Evolutionary Message of DNA
Danielle Davies  Villanova University

Kiosk: 11C
Microalgae as Indicators of Nutrient Concentration in Oregon Estuarine Tidal Wetlands
Shanon Hankin  North Central College

Kiosk: 12C
Changes in Heparan Sulfate Proteoglycan Gene Expression during Prostate Cancer Progression
Jacob Jipp  Luther College

Kiosk: 13A
Phenotypic Characterization of Mutants Exhibiting Altered Calcium Regulation in Vibrio parahaemolyticus
Heather Nelson  Luther College

Kiosk: 2B
T Cell Clonality and Survival in Patients with Myelodysplastic Syndrome
Amber Schmidt  University of South Florida
A Computational Study of Operant and Classical Conditioning in a Central Pattern Generator Neural Circuit
Drew Thompson  University of Utah

Chemistry

Kiosk: 25A
A Medicinal Chemical Investigation Towards the Development of the Next Generation of Alzheimer’s Drugs
Marcus Annable  Eastern Washington University

Kiosk: 28A
Chiral Phosphoric Acid-Catalyzed Desymmetrization of meso-Aziridines with Functionalized Mercaptans
Juan Baso  University of South Florida

Kiosk: 4B
Estimation of Nutrient and Sediment Loading in Lake Shenandoah, Rockingham County, Virginia: A Continuation of a 1996-97 Study
Anne Battaglia  James Madison University

Kiosk: 26A
An Eco-Compatible Route to the Synthesis of 1-ARYL-1,3-Disubstituted Tetrahydro-beta-carbolines
Kaytie Curtis  University of Wisconsin-Whitewater

Kiosk: 25B
A Novel Synthesis of Flavylium Cations and 2H-Chromenes
Azelin Benson  Penn State Erie, The Behrend College

Kiosk: 26C
Cadmium Sulfide and Titanium Dioxide Thin Film Nanostructures for Nanocrystal-Based Solar Cells
Jason Lane, Scott Gordon  Adelphi University

Kiosk: 25C
Development of Sugar Based Polyhydroxypolyamines as Antimicrobial Agents
Chris Evans  Eastern Washington University

Kiosk: 29C
Conversion of Biomass to Chemicals and Fuels: A Study of Polyol Adsorption onto Zeolites
Joshua Kranz  University of Minnesota, Twin Cities

Kiosk: 27A
Assessing the Potential Viability of Algae for Environmental Remediation and as a Biofuel Feedstock: Biochemical Composition
Hadley McIntosh  College of Saint Benedict

Kiosk: 29A
Comparison of Two Methods for Phospholipid Fatty Acid (PLFA) Extraction
Crystal Munger  The University of Montana

Kiosk: 5B
Success of liming a “sinking” stream versus a perennial surface stream
Jennifer Phillips  James Madison University

Kiosk: 30B
Designing a Redox-Responsive Polymer
Danielle Policarpio  University of Nebraska, Kearney

Kiosk: 26B
Analysis of graphene-like structures on silicon oxide film deposited by CVD
Kimberly Tillman  Fisk University
Poster Session 1

Click Labeling of Tricarbonyl Metal Cores (Re and Tc) for Prostate Cancer Imaging  
Ariana Wemple  The University of Montana

Creative Writing

Cross-Atlantic Coffee-Talk  
Brigit Goudie  North Central College

Economics

Montana COOP Structure and Economic Development in Rural Kenya  
Matthew Smith  Montana State University, Bozeman

Education

Asking Urban Youth: High School Seniors’ Perceptions of a University-High School Mentoring Partnership  
Colleen Knill  Villanova University

Electrical Engineering

Undergraduate Microelectronics Research Experience in China: FPGA Design  
Andrew Juarez, Jorge Carrillo, Jacob Leung  University of California, Riverside

Improving Mileage Efficiency of Hybrid Electric Cars by Recovering Wasted Suspension Energy  
Ruby Kandah  University of California, Riverside

Assessment of Rooftop Wind Resource for Renewable Power Generation  
Junya Motoike  Seattle University

Engineerings

Prepositioning of Emergency Supplies Perpetue Cadet  
Brittany Bounthon  Johnson C. Smith University

Iron Oxide Nanoparticle Separation  
Rudy Namikis  Auburn University

8:40am-10:00am, Thursday, April 15, 2010

German Studies

Memorializing a Divided Past: An Exploration of Controversial Soviet Monuments in Berlin  
Allison Pawelczyk  North Central College

Health and Human Performance

Increased Physical Demands on High Altitude Wildland Firefighters  
Justin Shinn, Leslie Haas, Joan Lerner  The University of Montana

History

Success and Failure in the Peace Corps in the 1960s  
Amanda Leonard  Westminster College

Fatality and Gender in the Great London Plague of 1665-6  
Elizabeth Olson  University of Wisconsin-Eau Claire

8,600 Miles from Cape Town: Then Anti-Apartheid Movement in Madison, Wisconsin, 1968-1994.  
Samuel Pfeifer  University of Wisconsin-Eau Claire

Indian Adaptation and Resistance to Allotment on the Red Cliff Reservation (1854-1934)  
Naomi Szpot  University of Wisconsin-Whitewater

Latin American Studies

Factors Explaining Life Expectancy Discrepancies between Latin American Nations: Case Studies of Bolivia and Chile  
Ashley Barrile  Villanova University

Ideology and Foreign Policy in South American States: The Cases of Bolivia and Colombia  
Ian Vaver, Monica Los  University of Wisconsin-Whitewater
Poster Sessions

Poster Session 1

Management

Kiosk: 34C
The Benefits Children and Families Gain by Involvement in Community Garden
Amelia Ortiz University of Wisconsin-Whitewater

Kiosk: 12B
The Hawthorne Effect: Managing Worker Efficiency
Stephanie Ryding North Central College

Kiosk: 34B
Influence of Culture on Entrepreneurial Activity Around the Globe
Darcy Stewart Utah State University

Mechanical Engineering

Kiosk: 35B
Fabrication of Titania and Titania-Silica Aerogels Prepared Using Rapid Supercritical Extraction
Lauren Brown Union College

Kiosk: 35A
Electronic Control Enhancement and Bracket Design Modification to a Hands-Free Wheelchair Interface for Improved Mobility Independence
John Camacho University of South Florida

Kiosk: 36C Oscillatory Flow Phenomena in Simple and Complex Fluids such as Blood
Loribeth Evertz Montana State University, Bozeman

Kiosk: 35C Friction Stir Welding: Green Manufacturing Technology
Amber Gay University of Kentucky

Kiosk: 36B
Measuring and Modeling Idle Energy Loss in Water Boilers
Dalton Kelley Oklahoma State University

Kiosk: 36A
Investigation of the Nafion Ionomer Network in the Catalyst Layer of Polymer of Electromagnetic Fuel Cells (PEFCS) Under PEFC Operating Conditions
Robin Price Indiana University - Purdue University

Kiosk: 6 B
Using Finite Element Analysis to Investigate Lattice Fins for Thermal Behavior
Travis Schneider Milwaukee School of Engineering

Microbiology

Kiosk: 9 C
Investigating a Novel Role for the Transcriptional Modulator NusA in Transcription Coupled Repair
Emily Albright North Central College

Kiosk: 14B
Determination of capsule among a diverse collection of Haemophilus influenzae isolates
Emefah Loccoh University of Michigan

Kiosk: 7B
The function of gene ydcl, which is needed for full acid resistance in Salmonella typhimurium, in the related enterobacterial species Escherichia coli.
Ashka Shah Villanova University

Molecular Biology

Kiosk: 37A
A Mechanism Used by Human Cells to Control the Spread of Transposons
Erica Beckman, Lela Lackey University of Minnesota, Twin Cities

Kiosk: 39A
Identification and phenotypic characterization of Arabidopsis thaliana pin6 T-DNA mutants
Ricci Bender University of Minnesota, Duluth

Kiosk: 38A
Biological Function of the von Willebrand Domain in Fibrillin-2
Paul Butters Weber State University

Kiosk: 38B
Cerebral Cavernous Malformation Syndrome Detection through CCM1, CCM2, and CCM3 Full Gene Analysis
Jennifer Edwards University of Utah

Kiosk: 39C
Identification of Orthologs of Caenorhabditis Elegans Dauer Formation Genes in the parasitic Nematode Brugia Malayi.
Brenda Garland University of Wisconsin-Whitewater

Kiosk: 6C
From Yeast to Humans: Study of a critical pathway in Schizosaccharomyces pombe
Theresa Henry Villanova University

8:40am-10:00am, Thursday, April 15, 2010
Poster Session 1

8:40am-10:00am, Thursday, April 15, 2010

**Political Science**

Kiosk: 10A
The Growing Role of Alternative Dispute Resolution in the North American Free Trade Agreement
Colin McGowan  North Central College

Kiosk: 14A
High school dropout rates in Michigan school districts: The influence of poverty, educational attainment, and location for the years 2004-2007
Nkemdiirim Nwodo  University of Michigan

**Psychology**

Kiosk: 41C
The influence of social identity on cross-race face recognition
Sally Andrews  University of Central Lancashire

Kiosk: 32B
The Essential Ingredient: Women’s Increasing Role in Poverty Alleviation
Sasha Dingle  Montana State University, Bozeman

Kiosk: 40C
The Importance of Treatment History on Future Treatment Choice
Andrew Drwenski  The University of Montana

Kiosk: 42B
The impact women contributed during the haitian revolution
Jennifer Greene  University of South Florida

Kiosk: 42C
The Role of Parental Marital Status and Perceived Parental Marital Quality in College Students’ Attachment Styles and Romantic Relationships
Lindsey Greenfield  Lafayette College

Kiosk: 40A
The impact of secrecy: The relationship between time in the closet, mental health, and victimization for sexual minority youth.
Claire Habein  The University of Montana

Kiosk: 28C
The Effects of Time of Day and Chronotype on Memory
Cristina Los  Susquehanna University

Kiosk: 41B
Drug Use and Recidivism in Crossover Youth
Ki-Ai Mason  The University of Montana

**Nursing**

Kiosk: 13C
Epidemiological analysis of medical outcomes related to the historic 2008 flood in Winneshiek County, Iowa
Kirstin Manges  Luther College

Kiosk: 2C
The Effects of Music Intervention on Oxygen Saturation Levels of Premature Infants in the Neonatal Intensive Care Unit
Elise Perna, Cathi Williamson  Jacksonville University

**Physics**

Kiosk: 2A
Arthur Stanley Eddington: Mind of a Scientist, Heart of an Educator
Clayton Boykin  Furman University

**Poster Session 2**

Kiosk: 37C
Exploring a Possible Signaling Role for Aquaporin-3b in Neural Plate Cells of Xenopus laevis Embryos
Tiffany Hensley  Montana State University, Bozeman

Kiosk: 6A
MNC1: A Gene Required for Median Nectary Development in Arabidopsis thaliana
Teresa Joyal  University of Minnesota, Duluth

Kiosk: 38C
Dissection of a multi-protein complex containing pro-apoptotic Noxa in human leukemia cells
Ashley Kosloske  University of Minnesota, Twin Cities

Kiosk: 39B
Identification of OCTN2 Carnitine Transporter Interacting Proteins
Hanna Kratochvil  University of Utah

Kiosk: 37B
ALTERATIONS IN CORTICAL DENDRITIC CIRCUITRY IN MILD COGNITIVE IMPAIRMENT AND ALZHEIMER’S DISEASE: Different Cortical Regions Show Heterogeneous Patterns of Response to Disease
Valentina Lozano  University of South Florida

Kiosk: 11A
Effect of Gene FoxQ-1 expression on Learning and Memory
Grace Muganda  North Central College

Kiosk: 10B
The characterization of the Yak1p to slow growth rate in Saccharomyces cerevisiae and Saccharomyces bayanus
Dorothy Tran, Scott Oltman  North Central College

**Kiosk: 10 A**
High school dropout rates in Michigan school districts: The influence of poverty, educational attainment, and location for the years 2004-2007
Nkemdiirim Nwodo  University of Michigan
Poster Sessions

Poster Session 1

8:40am-10:00am, Thursday, April 15, 2010

Sociology

Kiosk: 41A
The Influence of Diabetes Mellitus on Interpersonal and Romantic Relationships
Rachel Peterson  University of Wisconsin-River Falls

Kiosk: 42A
The Mirror Illusion in the Context of Peripheral Vision
Brooke Shell  University of Utah

Kiosk: 40B
The importance of topic importance: The formation of shared beliefs through discussion
Janna Stucky  The University of Montana

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* U.S. News & World Report, 2009
### Poster Session 2

**Anthropology**
- Kiosk: 15C
  - Preliminary Research on Black Bottom and Paradise Valley
  - Jeri Pajor  
    - Wayne State University

**Biochemistry**
- Kiosk: 1A
  - Role of ubiquitin proteolysis and actin cytoskeleton in prion induction by yeast protein Lsb2
  - Moiez Ali  
    - Emory University

- Kiosk: 11A
  - Polymorphic Variants of the NEIL1 Base Excision Repair Enzyme in Cancer Formation
  - Jeremy Alverson  
    - The University of Montana

- Kiosk: 5A
  - Effects of Macromolecular Crowding on Calmodulin Structure and Diffusion Measured with CD and NMR
  - Matthew Bailey, Paul Dennehy  
    - Juniata College

- Kiosk: 11C
  - Presence of Inflammatory Markers In Extended Wear Contact Lenses
  - Aaron Barrett, Jordan Jones, Derek Gnehm  
    - Weber State University

- Kiosk: 2C
  - Centrifugal Analysis of the Cytoplasmic Fractions of the plant pathogenic fungus Rhizoctonia solani for double-stranded RNA (dsRNA)
  - Deanna Belsky  
    - Indiana University of Pennsylvania

- Kiosk: 2B
  - Biomass to Fuels- Genetic Improvements of a Thermoclophilic Microorganism for Biofuel Production
  - Danielle Bouchard  
    - Montana State University, Bozeman

- Kiosk: 10B
  - Overexpression, Purification, and Characterization of the Rift Valley Fever Virus Nucleocapsid Protein
  - Kyle Brekke  
    - The University of Montana

- Kiosk: 1C
  - Archaeal Polymerase Dpo4 Complexed with 8-oxo-7,8-dihydrodadenosine
  - Melissa Brulotte  
    - Bridgewater State College

### 1:30pm-2:50pm, Thursday, April 15, 2010

**Kiosk: 3A**
- Characterization of Detoxifying GSTs in Wild and Heritage Turkeys
  - Amanda Croasdell  
    - Utah State University

**Kiosk: 13B**
- Reversible negative design destabilization of hemolysin A
  - Andrew DeVilbiss  
    - University of Wisconsin-La Crosse

**Kiosk: 7C**
- Investigating Anthelmintic Compounds in Paulownia tomentosa
  - Rachel Eastman  
    - Union College

**Kiosk: 9B**
- Human Cytochrome c Mutagenesis
  - Matthew Goldes  
    - The University of Montana

**Kiosk: 9A**
- Interaction of Phospholipids with Cyclodextrin
  - Rakshya Gorkhali  
    - Hamline University

**Kiosk: 5B**
- Examining Cancer: Dia2 and Replicative Proteins of the Yeast Cell
  - Katherine Grillaert  
    - University of Minnesota, Twin Cities

**Kiosk: 7A**
- Fluorescence Spectroscopic Study of Heat Shock Protein 70-Mediated Insulin Disaggregation
  - Tyce Herrman  
    - Stetson University

**Kiosk: 9C**
- Kvß1.3-subunit modulation of Kv1.5 potassium channel surface levels in HL-1 atrial myocytes
  - Nikhil Iyer  
    - University of Michigan

**Kiosk: 13C**
- Role of Membrane Proximal Charges on the Hendra Virus Fusion Protein
  - Nazeha Jawahir  
    - University of Kentucky

**Kiosk: 4C**
- Double-stranded (ds) RNA Profiling from Fourteen Isolates of Rhizoctonia solani
  - Carrie Lingle  
    - Indiana University of Pennsylvania

**Kiosk: 5C**
- Exploring Putative HIV Vif Binding Domains of Human APOBEC3G
  - Mengfei Liu  
    - University of Minnesota, Twin Cities

**Kiosk: 7B**
- G66976 Inhibits C-Type Natriuretic Peptide Activation of Guanylyl Cyclase B
  - Xiaoying Lou  
    - University of Minnesota, Twin Cities
**Poster Sessions**

**Poster Session 2**

Kiosk: 10A  
Negative design at the carboxy-terminal beta-edge of truncated hemolysin A  
Jacob Mahoney  
University of Wisconsin-La Crosse

Kiosk: 2A  
Archaeal Protein-Based Enzyme Sequestration Platforms: An Efficient Approach to Cellulosic Substrate Degradation  
Chelsea Morales  
The University of Montana

Kiosk: 14A  
Structural Studies of an Atypical Zinc Finger Motif from PRDM4  
Tara Ness  
The University of Montana

Kiosk: 12A  
Primer Design and Cloning of BACE2 Isoforms  
Andrea Newgren  
University of Minnesota, Duluth

Kiosk: 12C  
Proteomic and Metabolomic Investigation of Polysaccharide Metabolism by Caulobacter crescentus  
Matthew Payea  
Eastern Illinois University

Kiosk: 6 A  
Expression of Chemokine Receptors CCR5 and CXCR4 in Sf9 Insect Cells  
Lily Peterson  
Montana State University, Bozeman

Kiosk: 11B  
Predatory Cone Snail Toxins as Novel Therapeutics  
Randall Platt  
University of Utah

Kiosk: 4A  
Development of a Constraint-based Method for Membrane Protein Structure Determination  
Andrew Pratt  
Indiana University - Purdue University

Kiosk: 13A  
Rapid Purification of Taq DNA Polymerase in the Undergraduate Laboratory  
Ryan Protzko  
Salisbury University

Kiosk: 1B  
A Golden Way to Visualize DNA  
Hadia Riaz  
Moravian College

Kiosk: 6C  
Expression, Purification and Initial Kinetic Characterization of T. vaginalis Nucleoside Hydrolase III  
Irving Rosario Jr., Annie Laurie Benzie  
Adelphi University

Kiosk: 8A  
Identification of Genes that Protect Saccharomyces cerevisiae from Iron (Fe) Deficiency and Excess  
Megan Schultz  
University of Kentucky

**1:30pm-2:50pm, Thursday, April 15, 2010**

Kiosk: 15A  
Who Built the Pyramids? Investigating the Novel Cell Lysis Mechanism of Sulfalobus Turreted Icosahedral Virus  
Kyla Selvig  
Montana State University, Bozeman

Kiosk: 3B  
Crystallographic Analysis of Rin and Rit for the Development of Anti Cancer Therapeutics  
Jeremiah Stringam  
The University of Montana

Kiosk: 14B  
The Development of Cultivation Systems for Studying Thermophilic Algae  
Brooke Swenumson  
The University of Montana

Kiosk: 4B  
Development of Firefly Luciferase-RFP Fusion Proteins for BRET-FRET-based Protease Assays  
Kelsey Taylor, Samantha Linder  
Connecticut College

Kiosk: 14C  
Timing of meals and exercise to prevent type 2 diabetes  
Melody Tran  
University of Michigan

Kiosk: 10C  
Polymeric Interfaces Revealed by a Crystal Structure of the HIV Restriction Factor APOBEC3G  
John Valesano  
University of Minnesota, Twin Cities

Kiosk: 12B  
Pro-inflammatory cytokines stimulate ROS production in astrocytes: correlation with MAPK pathway  
Stephanie Velazquez  
University of Puerto Rico

Kiosk: 8C  
Inhibitor and Substrate Induced Conformation Changes in a Neuropeptidase as Studied by Fluorescence Spectroscopy  
Fei Xiong  
University of Kentucky

Kiosk: 8 B  
Inhibition of Calcium/Calmodulin-Dependent Kinase II is Protective in Liver Ischemia/Reperfusion Injury  
Jason Zlotnicki  
University of Pittsburgh

**Bioengineering**

Kiosk: 15C  
Covalent Modification of Polymer Substrates for Neural Regeneration  
Ambrosia Chacon-Saavedra  
University of Michigan

Kiosk: 17C  
Studying a Temperature Sensitive N-Isopropylacrylamide Polymer Coated Scaffold for High Density Mammalian Cell Growth  
Paul Fossum  
Milwaukee School of Engineering
Poster Sessions

Poster Session 2

Kiosk: 16C
Investigation of Mesenchymal Stem Cell Proliferation, Viability, and Differentiation in 3-D Polymeric Scaffolds for Tissue Regeneration
Simon Gordonov  Rutgers University - New Brunswick Campus

Kiosk: 17B
Modeling complex cervical carcinoma cell-derived structures in 3D "artificial tissue" cultures.
Brittany Lee  University of Wisconsin-River Falls

Kiosk: 18A
Tissue and cellular characterization of long-term cardiac artificial tissues cultured in 3D using natural ECM materials.
Victor Piazza  University of Wisconsin-River Falls

Kiosk: 17A
Isolation and characterization of siderophores produced by Halomonas elongata
Paul Popovitch  Montana State University, Bozeman

Kiosk: 16A
Going Green: Make it, Earn it, Drive it- Feasability Study on Wastewater Bioremediation to Biofuel in Milwaukee, Wisconsin
Andrew Smits  University of Wisconsin-Whitewater

Kiosk: 15B
Cellular Infiltration within a Tissue Engineered Scaffold
Laura Williams  University of Utah

Kiosk: 16B
Growth of Biomimetic Tissue Through Novel Bio-Reactor Design
Isaac Winter  University of Utah

Civil Engineering

Kiosk: 18B
Development of a Constructed Wetland System Integrating Agricultural Production with Runoff Treatment
Brian Peacock  Lafayette College

Kiosk: 18C
Rapid Destruction of Perchlorate on Ion Exchange Resins using Stabilized Zero-Valent Iron Nanoparticles
Jeffrey Shoemaker  Lafayette College

Kiosk: 19A
Waste Water Treatment Evaluation for Effects of Antibiotics on Septic Systems
Carl Sorensen, Jacob Moser  Minnesota State University, Mankato

1:30pm-2:50pm, Thursday, April 15, 2010

Economics

Kiosk: 19C
An Econometric Analysis of Foreclosure Activity in the United States
D. Stephen Drott  Augsburg College

Kiosk: 20C
Do Recessions Influence Major Leauge Baseball Attendance?
Gerald Kaquatosh  University of Wisconsin-Oshkosh

Kiosk: 20A
China’s Rise to Economic Prominence and the One Child Policy
Adam Metz  University of South Dakota

Kiosk: 19B
An Analysis of Subprime Lending and The Policy Behind it
Hayden Smith  Western Carolina University

Environmental Sciences

Kiosk: 24A
Comparison of the chemical composition of PM2.5 emissions from an older model woodstove and an EPA certified model in a laboratory setting
Lindsey Carter  The University of Montana

Kiosk: 23A
Characterization of User Interaction with Lake Shorelines and Its Impact on Sustainability
Caitlin Christman, Brett Heim  University of Wisconsin-Milwaukee

Kiosk: 21B
Analysis of Sunday Creek, Ohio for Iron and Manganese Concentrations in Soil and Water Samples
Janet Downs  Capital University

Kiosk: 24B
Direct and Indirect Impacts of Florivory on Butternut Squash
Amanda Eigner  Carthage College

Kiosk: 24C
Dumpster Diving for Change: An Analysis of Dormitory Waste Flow
John Hawkridge, Devika Ghai  Whittier College

Kiosk: 21C
Assessing the Effectiveness of a Storm Water Basin to Decrease Wastewater Overflows
Stephanie Herte  Carthage College

Kiosk: 21A
Acute Woodsmoke Exposure Activates the Non-canonical NF-kappaB Pathway in Murine Alveolar Macrophages
Emily Kobos  Montana State University, Bozeman
Poster Sessions

Poster Session 2

1:30 p.m. - 2:50 p.m., Thursday, April 15, 2010

Kiosk: 22C
Cell Proliferation Changes to Human Prostate Epithelial Cells when exposed to Arsenic and 17-ß Estradiol
Bradon Loya Texas Tech University

Kiosk: 22B
Biodegradation of Paper Waste by Three Mushroom Species
Stephani Pescitelli Eastern Illinois University

Kiosk: 23B
Colony Collapse Disorder: The Extinction of the Honeybee and its Implications on Mankind
Patricia Runyan Utah Valley University

Kiosk: 23C
Community and Population Characteristics Create an Ecologic Domain for Women’s Health
Jennifer White Michigan State University

Kiosk: 22A
Behavioral toxicity of silver nanoparticles in the earthworm (Eisenia fetida)
Oksana Zhurbich University of Kentucky

Health and Human Performance

Kiosk: 28A
Comparison of Throwing Arm Injuries Between Fast-Pitch Softball and Baseball Athletes
Sheila Arnold, Stephanie Kolstad Gustavus Adolphus College

Kiosk: 27C
Comparing physical activity patterns and physical training test performance in a group of young, healthy adults
Danica Bates, Augustina Garcia, Sara McDermott The University of Montana

Kiosk: 26A
Bilingual Speech-Language Pathology: Should all graduate students be required to have multicultural/bilingual exposure prior to practicing?
Milijana Buac Marquette University

Kiosk: 25B
Affinity of Phosphate-Containing Denture Base Materials to Bind Salivary Antimicrobial Peptides
Luisa Campos Marquette University

Kiosk: 28C
Dessert Selection Among Diet And Regular Soda Drinkers
Katherine Cichowski Gustavus Adolphus College

Kiosk: 32C
Glutamatic Acid Decarboxylase Distribution in the Brain Stem Region
Tommy Dang Marquette University

Kiosk: 32B
Examining Perceived Health & Relationship Satisfaction by College Major
Margaret Glassman Miami University

Kiosk: 26C
Caloric Expenditure Between Indoor Track and Treadmill Running
Jennifer Halvorsen Gustavus Adolphus College

Kiosk: 25C
Anthropometric Measures for Sensor Placement in e-Textile Based Mechanomyography
John Jones, Jeffrey Eggleston Western Oregon University

Kiosk: 29B
Does Rinsing with a Carbohydrate Solution Increase Carbohydrate Oxidation?
Elizabeth Kelly The University of Montana

Kiosk: 30A
Effects of Body Fat on Core Temperature and Skin Temperature During Simulated Wild Land Fire Fighting (WLFF).
Kuribayashi Kohsuke, Ryan Vaira The University of Montana

Kiosk: 29C
Effects of Acute Exercise on Blood Glucose During an Oral Glucose Tolerance Test
Maureen Leonard The University of Montana

Kiosk: 31A
Effects Of High Carbohydrate, Fat, Or Protein Diets On Mile Time In Male Runners.
Nicholas Lindquist, Jillian Carney Gustavus Adolphus College

Kiosk: 27B
Combined Endurance and Resistance Training Among Recreational Weightlifters: Are Strength Gains Compromised?
Keith Linne, Leigh Weber Gustavus Adolphus College
Poster Session 2

1:30 p.m. - 2:50 p.m., Thursday, April 15, 2010

**Microbiology**

Kiosk: 34C
Diarrhea! Studies on the virulence of Hawaiian Campylobacter strains in tissue culture
Thomas Jessie Aldan, Hoang-Yen Nguyen
*Kapiolani Community College*

Kiosk: 33 C
Characterizing Pseudomonas Biofilm Virulence and Host Immune Responses in Drosophila Infection Models
Tuo Dong
*University of Maryland, College Park*

Kiosk: 34 A
Description of Helicobacter pylori Housekeeping and Virulence Genes during VBNC and after Stress Treatments
Brittany Buchholz
*Montana State University, Bozeman*

Kiosk: 34 B
Detection of E. coli and coliforms from surface water
Tana Chandler
*Montana State University, Bozeman*

Kiosk: 33 B
Can the pathogenic yeast Candida albicans live without the SEC63 gene?
Amanda Kortum
*The University of Montana, Western*

**Physics**

Kiosk: 35 B
A Computational Approach Towards Understanding the Interaction of Graphene with Small Molecules
Denette Brown
*Spelman College*

Kiosk: 35 C
Calibration of a Magnetic Susceptibility Unit and Magnetic Characterization of Nanoscale Materials
Rebekah Flowers
*Spelman College*

Kiosk: 35 A
7Li MAS NMR Investigation of MnO2-Infused Carbon Nanofoam Supercapacitor Materials
Christian Mejia
*Macaulay Honors College at Hunter College, CUNY*

Kiosk: 37 B
Defects in magnetic nanostructures
Miles Olsen
*The University of Montana*

Kiosk: 36 B
Characterization of Antimony-doped Tin Oxide Nanofibers
Maritza Reyna Liriano
*University of Puerto Rico*

Kiosk: 37 C
Dissociation of Martian Atmosphere using a Radio Frequency Discharge
Berley Rister
*Virginia Military Institute*
### Poster Session 2
1:30 p.m. - 2:50 p.m., Thursday, April 15, 2010

**Poster Session 2**

<table>
<thead>
<tr>
<th>Kiosk: 36A</th>
<th>Cavity Ring Down Spectroscopic Techniques for Detecting Atmospheric Aerosols</th>
<th>David Sand</th>
<th>Appalachian State University</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kiosk: 37A</td>
<td>Customizing a CRDS Trace Gas Analyzer for Dark Matter Experiments</td>
<td>Jared Thompson</td>
<td>Black Hills State University</td>
</tr>
<tr>
<td>Kiosk: 36C</td>
<td>Computational Simulation of a Simple Pendulum Driven by a Natural Chaotic Function</td>
<td>Trevor Tomesh</td>
<td>University of Wisconsin-River Falls</td>
</tr>
</tbody>
</table>

**Political Science**

<table>
<thead>
<tr>
<th>Kiosk: 39C</th>
<th>Facial Features and their Cross-Cultural Attractiveness</th>
<th>Jennifer Anderson</th>
<th>Winona State University</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kiosk: 39B</td>
<td>Elections and Campaigns in Africa</td>
<td>Alison Benoit</td>
<td>Hope College</td>
</tr>
<tr>
<td>Kiosk: 38C</td>
<td>Bangladesh and its Challenges of Democratization</td>
<td>Jeffrey Fletcher</td>
<td>Winona State University</td>
</tr>
<tr>
<td>Kiosk: 38B</td>
<td>2009 UWRF Climate Change Survey</td>
<td>Jonathan Lyksett, Cory Heaton, Jennifer Haug</td>
<td>University of Wisconsin-River Falls</td>
</tr>
<tr>
<td>Kiosk: 39A</td>
<td>Do Specific References and Words Matter to the Public?: State of the Union Addresses and Presidential Job Approval Rating</td>
<td>Jennie Maciosek</td>
<td>University of Wisconsin-River Falls</td>
</tr>
</tbody>
</table>

**Psychology**

<table>
<thead>
<tr>
<th>Kiosk: 38A</th>
<th>“Globesity” and Malnutrition: A Study of Women and Children in Colombia</th>
<th>Melissa Schneiderwendt</th>
<th>University of Wisconsin-Whitewater</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kiosk: 42C</td>
<td>Why Are We the Obese Nation?</td>
<td>Blair Cuny, Megan Doyle, Jacob Jones, Denise Pehrsson</td>
<td>California State University Channel Islands</td>
</tr>
</tbody>
</table>

**Kiosk: 36C**

Cavity Ring Down Spectroscopic Techniques for Detecting Atmospheric Aerosols  
David Sand  
Appalachian State University

**Kiosk: 37A**

Customizing a CRDS Trace Gas Analyzer for Dark Matter Experiments  
Jared Thompson  
Black Hills State University

**Kiosk: 36C**

Computational Simulation of a Simple Pendulum Driven by a Natural Chaotic Function  
Trevor Tomesh  
University of Wisconsin-River Falls

**Political Science**

Facial Features and their Cross-Cultural Attractiveness  
Jennifer Anderson  
Winona State University

Elections and Campaigns in Africa  
Alison Benoit  
Hope College

Bangladesh and its Challenges of Democratization  
Jeffrey Fletcher  
Winona State University

2009 UWRF Climate Change Survey  
Jonathan Lyksett, Cory Heaton, Jennifer Haug  
University of Wisconsin-River Falls

Do Specific References and Words Matter to the Public?: State of the Union Addresses and Presidential Job Approval Rating  
Jennie Maciosek  
University of Wisconsin-River Falls

**Psychology**

“Globesity” and Malnutrition: A Study of Women and Children in Colombia  
Melissa Schneiderwendt  
University of Wisconsin-Whitewater

Why Are We the Obese Nation?  
Blair Cuny, Megan Doyle, Jacob Jones, Denise Pehrsson  
California State University Channel Islands

**Kiosk: 41B**

Using Connectionist Networks to Learn to Classify Sounds  
Thomas Donahue  
Bowling Green State University

**Kiosk: 41C**

What’s in a Voice: Vocal Characteristics and Their Influence on Courtroom Decision Making  
Tiffany Enteringer, Lee Stark  
University of Wisconsin-La Crosse

**Kiosk: 42A**

What’s Eating College-Age Women? Exploring the Correlation between Eating Disorders and Emotional Regulation  
Jessica Hellman  
Miami University

**Kiosk: 42B**

Where are the men? The effect of stereotypes on men’s decision to avoid nursing careers  
Meghan Huntoon, Matthew Widdekind, Amber Ferris, Jessi Smith  
Montana State University, Bozeman

**Kiosk: 40C**

To Play or Not to Play? That is the Question.  
Taylor Kannawin  
College of Saint Benedict

**Kiosk: 40B**

To Catch a Predator: Narcissistic tendencies relating to Sexual Assault Perpetration in College Males  
Jennifer Kollman  
Miami University

**Kiosk: 40A**

Time Period of Abuse and Risky Sexual Behavior in Adulthood  
Ava Sauter  
Black Hills State University

**Kiosk: 41A**

Understanding Pre-Morbid Ability in HIV+ Minority Populations  
Shawna Worth  
University of Rochester

**Women’s Studies**

Perceptions of the Glass Ceiling and the Concrete Ceiling Among Women Employed at Institutions of Higher Education  
Alyssa Yson  
University of Kentucky
Poster Session 3

1:30 p.m. - 2:50 p.m., Thursday, April 15, 2010

Biology

Kiosk: 3A
A Warmer Start: The correlation between vertebrae development and C-start efficiency in Danio rerio
Kerri Ackerly, Adelphi University

Kiosk: 16A
Do peas impose sanctions on cheating rhizobia?
Carolyn Anderson, University of Minnesota, Twin Cities

Kiosk: 3B
Acquisition of Communication Skills in Research Classes
Jaennika Aniag, David Ramirez III, Diara Spain, Dominican University of California

Kiosk: 14B
Directed Differentiation of Carcinoma Cells as a Therapy Targeting Malignant Cancer Cells
Jaennika Aniag, Mark Gutierrez, Rebecca Jimenez, Nicole Moss, Ariana Rodriguez, Ana Salabasheva, Kathleen Umali, Dominican University of California

Kiosk: 1B
A Histological Analysis of Spermatogenesis in the Spiny Lizard, Sceloporus bicanthalis
Marla Anzalone, Wittenberg University

Kiosk: 17A
DS11 Suppressor: Role and Location in Arabidopsis Ribonucleotide Reductase
Jillian Aquino, University of Maryland, College Park

Kiosk: 18C
Effects of Galardin on VHL-mediated Secretion of Fibronectin and Spheroid Formation
Nora Barmawi, Adelphi University

Kiosk: 11B
Design of patient-tailored therapies using multiple holistic treatments to reduce stress indicators
Ashley Baumann, Jennifer Poon, Becky Dove, Ashley Baumann, Gustavus Adolphus College

Kiosk: 12C
Determining relationship between diet and fecundity of Northern Spotted Owls (Strix occidentalis caurina) in Marin County, California
Christopher Bettiga, Angelina Andrews, Giselle Ponton, Dominican University of California

Kiosk: 19B
Effects of polymerase d mutations on mutagenesis and chromosomal rearrangements related to BIR.
Tiffany Blackgrove, Indiana University - Purdue University

Kiosk: 5C
Annotation of Putatively Conserved Non-Coding Regions in Amphioxus, Branchiostoma floridae
Mary Regina Boland, Saint Vincent College

Kiosk: 15C
Do Androgen Receptors Act as a Predisposing Factor Linking Females to Athleticism?
Helen Breznicki, Katelyn Mescher, Capital University

Kiosk: 1A
“Third Lung”
Shawnita Briggs, Stanley Chioma, Bowie State University

Kiosk: 7B
Caenorhabditis elegans as a model host of Staphylococcus aureus virulence
Terin Budine, Truman State University

Kiosk: 11A
Dendritic cell lysosomal killing of Cryptococcus neoformans
Hoang Bui, University of Texas, San Antonio

Kiosk: 6B
Assessing Genetic Variation Within and Among Ethnic Groups
Kendra Casanova, University of Wisconsin-Oshkosh

Kiosk: 9A
Chronic Methyl-mercury Exposure Potentiates Intracellular Zinc Ions [Zn2+]i in Motor Neurons of hSOD1 Mice.
Alisha Chitrakar, Saint Peters College

Kiosk: 2C
A Study to Elucidate the Best Method for Physical Removal of Cholesterol from Blood
Ben Demuth, Michael Nelson, University of Wisconsin-Stout

Kiosk: 17B
Ecological Effects of a Mixture of Broad Lead Herbicides2, 4-D, Dicamba, and Chlopyralid on Invertebrate Arthropod Communities in Turf-Grass
Anthony Dobner, UW-Whitewater
## Poster Session 3

**Kiosk: 13C**
Development of DNA microsatellites for the genetic analysis of Bythotrephes longimanus invasions in Minnesota lakes  
Laura Dougherty  *Hamline University*

**Kiosk: 9C**
Comparison of the prevalence of genetic modification in processed corn versus whole kernel corn.  
Tiffany Elgersma, Michael Lanning, Megan Thiery, Katherine O’Shaughnessy  *Capital University*

**Kiosk: 14A**
Dexamethasone-Induced Apoptosis in Cells of the Immune System  
Michael Fealey  *University of Minnesota, Duluth*

**Kiosk: 16B**
Dissecting genetic pathways of development in Danio rerio with small molecules  
Caitlin Gaffney  *University of Wisconsin-Stout*

**Kiosk: 13B**
Developing an Idiopathic Model of Parkinson’s Disease in Drosophila Melanogaster  
Kevin Garff, Kenny Helmandollar  *University of Utah*

**Kiosk: 7A**
Helper Sequences and Their Effects on TCF Binding in Wingless Signaling in Drosophila  
Enea Gjoka  *University of Michigan*

**Kiosk: 17C**
Effectiveness of sodium hypochlorite in removing blood DNA contamination  
Leah Griffith  *Stevenson University*

**Kiosk: 18A**
Effects of endocrine disrupting contaminants on the monarch butterfly, Danaus plexippus.  
Bridget Hilbig  *Lafayette College*

**Kiosk: 3C**
Actin Rearrangements in Stimulated Rat Ganglion PC-12 Cells  
Kristie Hilliard  *Juniata College*

**Kiosk: 8A**
Characterization of TRPV1 Channel Expression Levels in Normal Oral Mucosa, Dyplasias, and Oral Squamous Cell Carcinoma  
Jack Hua  *University of Texas, San Antonio*

**Kiosk: 10A**
Cultural evolution of singing behavior in the New Zealand Grey Warbler (Gerygone igata).  
Stephanie Huezo, Christen Grant  *Dominican University of California*

**Kiosk: 20B**
Effects that Vacuum Tumblers will have on Mercury Levels in Fish Tissues using a Sodium Thiosulfate Solution  
David Jackson  *University of Wisconsin-Whitewater*

**Kiosk: 19C**
Effects of Stress on Community Assemblages in Boreal Forests  
Matthew Jacobson, Andrew Barta, Ellen Hermanson, Tessa Wirz  *University of Wisconsin-Eau Claire*

**Kiosk: 6A**
Assessing Effectiveness of CXCR4 Antagonist, CTCE9908, on Prostate Cancer Metastasis  
Pridvi Kandagatla  *Wayne State University*

**Kiosk: 18B**
Effects of European Wild Boar (Sus Scrofa) Rooting on Plant Diversity in Beech Gap Forests of Great Smoky Mountains National Park  
Alexandra Kay  *Elon University*

**Kiosk: 10B**
Culturing the Unculturables  
Elizabeth Kent, Zachary Merten  *Saint Johns University*

**Kiosk: 15B**
DNA Damage Response in Induced Pluripotent Stem Cells  
Leah Knobloch  *Seton Hill University*

**Kiosk: 5B**
Analyzing Meiosis in cdc7 and dbf4 Mutant Yeast  
Shannon Kordus  *University of Wisconsin-La Crosse*

**Kiosk: 9B**
Cloning of 3’untranslated regions (3’UTR) of downstream targets of hsa-miR-34s  
Marek Kowalski  *Holy Family University*

**Kiosk: 13A**
Determining the relationship between sigma virus titers and virus-induced carbon dioxide sensitivity in Drosophila melanogaster adults  
Chelsey LaRue, Allison Millward  *Eastern Washington University*
**Poster Session 3**

1:30 p.m. - 2:50 p.m., Thursday, April 15, 2010

**Kiosk: 5A**
An Initial Estimate of Population Genetic Structure of the Invasive Faucet Snail, *Bithynia tentaculata*, in the Upper Mississippi River  
Joshua Laurila  
*University of Wisconsin-La Crosse*

**Kiosk: 19A**
Effects of passive treatment for acid mine drainage on epilithic community productivity in streams  
Lee Layton  
*Slippery Rock University of Pennsylvania*

**Kiosk: 15A**
Discovery of Novel Conus tulipa Cone Snail Venom Peptides and its Physiological Effects on *Danio rerio* Zebrafish Larvae  
Nicole Leung  
*Occidental College*

**Kiosk: 10C**
Cx43 Inhibition enhances recovery after spinal cord injury  
Xi Li  
*University of Rochester*

**Kiosk: 8B**
Chi-square Analysis of Transgenic Glofish  
Samantha Lindemann  
*University of Minnesota, Duluth*

**Kiosk: 8C**
Chronic ethanol disrupts neuroventilation and responses to hypoxia in bullfrog tadpoles.  
Lisa McLane, Cord Brundage  
*University of Alaska*

**Kiosk: 20A**
Effects of Trisomy on Neural Crest Derived Meckel’s and Hyoid Cartilage  
Abby Newbauer  
*Indiana University - Purdue University*

**Kiosk: 4B**
An Evaluation of the Internal Parasites of Grey Squirrels in Urban and Rural Environments  
Kathleen O’Connor  
*Union College*

**Kiosk: 4A**
Allelic Imbalance at 8p21-22 and Prostate Cancer Risk  
Appledene Osbourne  
*University of Chicago*

**Kiosk: 12A**
Determination of Habitat Preference in Two Species of Mice  
Simon Schmidt  
*University of Wisconsin-Whitewater*

**Kiosk: 1C**
A Retrospective Analysis of Cardiac and Airway Abnormalities in Infants with Down syndrome  
Nicole Shepherd  
*Indiana University - Purdue University*

**Kiosk: 2A**
A Role for the Auxin Uptake Carrier in Auxin Mediated Gene Expression  
Stephen Shinsky  
*Allegheny College*

**Kiosk: 6C**
Batesian Mimicry of the Texas Coral Snake: The Threshold Between Good and Poor Mimics  
Danielle Smull  
*Hendrix College*

**Kiosk: 16C**
Do shoes designed for the sport of fencing have the potential to hinder athletes more than they benefit them?  
Katrina Taylor  
*University of Central Lancashire*

**Kiosk: 14C**
Discovery of a New Butterfly  
Karylsa Torres Gomez, Jennifer Claudio Malave, Rosa Jaiman Cruz  
*Pontifical Catholic University of Puerto Rico*

**Kiosk: 7C**
Cardioprotective Pretreatment for Global Ischemia of Isolated Swine Hearts  
Uzma Usmani  
*New York Institute of Technology*

**Kiosk: 2B**
A Study of Retinal Implants in the Treatment of Retinitis Pigmentosa  
Stephanie Vander-Plas  
*Lubbock Christian University*

**Kiosk: 20C**
Electrospun polymer nanofibers containing antibiotics  
Davila Yarely  
*University of Puerto Rico*
Poster Sessions

Poster Session 3

1:30 p.m. - 2:50 p.m., Thursday, April 15, 2010

**Engineering**

Kiosk: 21A Biometrics
Winfred Asante
*IUPUI, Indianapolis*

Kiosk: 22C
Magnetic Resonance Analysis of Physically Crosslinked Biopolymer Gels
Hilary Fabich
*Montana State University, Bozeman*

Kiosk: 22A
Improving Miniature Cameras: A Biomimetic Mems Lens
Alex Hogan
*University of Utah*

Kiosk: 21B
Energy Conservation Research
Michael Sullivan
*Seattle University*

Kiosk: 22B Laser Propagation in the Maritime Environment
Jeffrey Iiams
*United States Naval Academy*

Kiosk: 22A
Improving Miniature Cameras: A Biomimetic Mems Lens
Alex Hogan
*University of Utah*

Kiosk: 21B
Compatibility of Hydraulic Fluids
Kelsey Whittaker
*Milwaukee School of Engineering*

**Geography**

Kiosk: 23A
Groundwater Hydrology of Fen and Wet Prairie in Southern Wisconsin
Lauren Stachowiak
*University of Wisconsin-Whitewater*

Kiosk: 23C
Photogrammetric Creation of a Digital Elevation Model of the Kahiltna Glacier in Denali National Park
Kevin Volkening
*Montana State University, Bozeman*

**Interdisciplinary Studies**

Kiosk: 24A
Convection-Enhanced Delivery: Delivery and Monitoring of Liposomal Chemotherapeutics to Malignant Gliomas
Saif Baig
*University of California, Davis*

Kiosk: 24C
The Environmental Movement in China: The Links between Environmental Knowledge and Action
Kevin Osborne
*Seattle University*

**Mathematical Sciences**

Kiosk: 29B
Sea Surface Temperature and Effects on North Atlantic Tropical Cyclones
Kelvon Barkley
*North Carolina Agricultural and Technical State University*

Kiosk: 27C
Modeling and Ranking Driver Performances
Hillary Brummond, Benjamin Brunette
*University of Wisconsin-La Crosse*

Kiosk: 29C
The Correlation Between Base Training and Overtraining Syndrome
Benjamin Flaaten, Jens Matson, Benjamin Flaaten
*Saint Olaf College*
Poster Session 3

1:30 p.m. - 2:50 p.m., Thursday, April 15, 2010

Kiosk: 27B
Mesoscale Analysis and Modeling of Two Winter Storms Affecting the New York Area
Cherelle Jackson  North Carolina Agricultural and Technical State University

Kiosk: 30B
The Impact of GATT/WTO Membership on Trade: A Time Series Regression Model
Raymond Leach  University of Wisconsin-La Crosse

Kiosk: 30A
The Effect of Pitch Count in Major League Baseball
Andrew Lithio, Nicholas Roetker, Benjamin Langholz
Saint Olaf College

Kiosk: 27A
Mathematics Behind Anamorphic Art
Nicole Massarelli  Salisbury University

Kiosk: 28A
Modeling of the Presynaptic Vesicle Cycle
Joseph Paulson  University of Maryland, College Park

Kiosk: 28B
On the Nature of Periodicity in Numbers
Matthew Rohr  University of Wisconsin-Milwaukee

Kiosk: 29A
Properties of Recurrent Iterated Function System Attractors of Planar, Binary Fractal Trees
Emma Sheldon  Wells College

Kiosk: 28C
Optimizing the Evacuation of Hospitals Phase II
Hong Yang  University of Wisconsin-Eau Claire

Middle Eastern Studies

Kiosk: 30C
The Effects of the Non-Profit Group: International Palestinian Youth League
Mary Nehring  Winona State University

Nursing

Kiosk: 33B
Evaluation of an Adopt-A-Grandparent Program for Residents Residing in a Long-term Care Facility
Jessica Gomez  University of Minnesota

Kiosk: 33A
Evaluation and Follow-up of Physiologic Indicators of Cardiovascular Disease Among Pre-Elementary School Children
Ruth Ivalls, Jori Russ  University of Wisconsin-Milwaukee

Kiosk: 34A
Exploration of self-esteem and superficial attendance to physical image among female undergraduate students.
Angelica Matthes  Gustavus Adolphus College

Kiosk: 33C
Exploration of Knowledge and Attitudes About Breastfeeding in a Preconceptual Population
Mariah McGill  Gustavus Adolphus College

Kiosk: 34B
Exploring Perceptions and Experiences of Being a Friend or Roommate of a Victim of Dating Violence
Kelly O'Brien  Gustavus Adolphus College

Kiosk: 32B
Deep Vein Thrombosis & the Use of Pharmacological Agents Versus Mechanical Devices
Tara Phelps, Erica Pride  Jacksonville University

Kiosk: 34C
How do parents define parent advocacy?
Emily Pilling  University of Texas, Austin

Kiosk: 32C
Effect of Yoga on Blood Pressure among Sedentary Adults
Shifa Rishi  University of Pittsburgh

Natural Sciences

Kiosk: 32A
Optimal dose of human umbilical cord blood cells reduced activated microglia in the spinal cord of ALS mice
Christina Miller  University of South Florida

Kiosk: 31C
Occupancy Sampling of American Pika Ochotona princeps clamosa within the Northern Bear River Range in Utah.
Rachel Pyles  Utah State University

Kiosk: 31B
Methodological Challenges in Clinical Research: My Experience
The Interrelatedness of Depression and Anxiety in Women with Pelvic Organ Prolapse
Chelsea Walter  University of Pittsburgh
Poster Sessions

Poster Session 3

Psychology

Kiosk: 39C
Branded For Life: Analyzing the Martin Stigma Against Tattoos Study
Gibson Ben  East Tennessee State University

Kiosk: 35C
A Comparison of the Attitudes, Educational Experiences, and Engagement of Military Veterans and Nonveteran College Students
Bryan Bodrog  University of Wisconsin-River Falls

Kiosk: 37A
An Examination of the Need for and Availability of Nutritional Resources for Women Athletes
Rosalie Brueske  University of South Dakota

Kiosk: 11C
Stereotype Threat and Optimal Distinctiveness in Identity
Nathan Carnes  Hendrix College

Kiosk: 37B
Assessment of Stress and Coping in College Students: Does a Sense of Humor Help?
Megan Crisler, Allison Marchase, Nathaniel Douglas  University of Montevallo

Kiosk: 38C
Autonomic Activation and Psychosocial Adjustment in Students with High versus Low Emotional Intelligence
Lynette Davidson, Jacob Jones, John Jaladoni, Allison Welsh  California State University Channel Islands

Kiosk: 31A
The effect of defendant’s demeanor on juries’ decisions in child sexual abuse cases
Elizabeth Dunn, Lauren Fields  University of Kentucky

Kiosk: 30C
Proton Magnetic Resonance Spectroscopy (1H-MRS) Assessment of the Neurochemical Profile in Rat Brain After Traumatic Brain Injury (TBI)
Katrina Fenton  Wayne State University

Kiosk: 40A
Would you be kind enough to tune in and stop stressing? Exploring Mindfulness as a Mediator between Stress and Well-being.
Amber Ferris, Meg Hunton, Tony Heintz  Montana State University, Bozeman

Kiosk: 39A
Behavioral and Genomic Analyses of Lupus-Prone Mice
Amber Ferris, Kelly Schaible  Concordia College

Kiosk: 36A
Improving Working Memory Capacity in School Children Using Computerized N-back Training Games
Paula Fiet  Weber State University

Kiosk: 38A
Attitudes toward persons with disabilities: A comparison of Chinese and American students
Cortney Leverentz, Molly Grames  University of Wisconsin-La Crosse

Kiosk: 35B
A Comparison of Sexual and Relationship Satisfaction in Long-term and Short-term Relationships
Kevin Lewandowski, Tara Schrage  University of Wisconsin-La Crosse

Kiosk: 37C
Attachment Style and Unmitigated Communion Between Women in Egypt and Women in the United States
Maranda McClintock  Westminster College

Kiosk: 38B
Attitudes towards Intermarriage
Michelle Russo  Union College

Kiosk: 36C
An examination of spirituality, alcohol and drug abuse using the Transtheoretical Model
Samantha Smart  Miami University

Kiosk: 12B
Study of Political and Social Attitudes among USD Students
James Taylor  University of South Dakota

Kiosk: 36B
Alcohol Use and Attention
Ryan Wade  University of North Carolina, Chapel Hill

Kiosk: 39B
Blind Subterranean Worker Termites (Reticulitermes SP) Responses to Light at Different Wavelengths
Cavanaugh Welch, Kerona Sharpe  Morehouse College
**Poster Session 4**

**Biology**

Kiosk: 5B
The Effect of Sequence Length on Response Initiation and Execution in a Learned Action Sequence
Amie Becker Susquehanna University

Kiosk: 8A
The role of JNK in cell movements during sea urchin gastrulation
Jessica Cicioni, Rachel Procopio, Aileen Kerns, Krissy Bohrman Susquehanna University

Kiosk: 9B Microarray and real-time PCR analysis of ovarian gene expression in vitellogenesis in Drosophila melanogaster.
Caitlin Clouser, Margaret Gardner, Michael Basti Susquehanna University

Kiosk: 4A Airborne Plant Communication and Distance-Dependent Production of Extrafloral Nectaries in Lima Bean (Phaseolus lunatus) Alyssse Matthews Susquehanna University

Kiosk: 3C Identification of Microbial Communities in the Shamokin Creek Affected by Acid Mine Drainage
Marilyn Mench Susquehanna University

Kiosk: 6A
The Analysis of Single Nucleotide Polymorphisms and their Association with Abdominal Aortic Aneurysms
Jenna Rosencranz Susquehanna University

Kiosk: 8B
The Localization of Guanine Dinucleotide Dissociation Inhibitor in Schwann Cells
Kristin Snyder, Joshua Weston Susquehanna University

Kiosk: 6C
Pre-Treatment of Sea Urchin Sperm, with Thalidomide Prior to Fertilization Leads to Increased Abnormal Embryo Morphogenesis
Hannah Spinner Susquehanna University

Kiosk: 9A
Atrazine Induced Effects on the Embryological Development of Sea Urchin Species Lytechinus pictus and Strongylocentrotus purpuratus
Galo Trujillo, Kaitlyn Connors Susquehanna University

**Chemistry**

Kiosk: 12C
Exploration of Different Anchoring Techniques for Fabricating Effective Sensors
Nameera Baig University of Houston-Downtown

Kiosk: 23B
Selective Binding of Alkali and Alkaline Earth Metal ions to Beauvericin Investigated by Electrospray Ionization Mass Spectrometry
Tara-Lynn Baratz, Courtney Richardson, Brett Kimbrell, Joshua Hite University of West Georgia

Kiosk: 24B
Studies in Fluorescence Resononance Energy Transfer in a FAM/IOWA Black Labeled Thrombin-Binding Aptamer
Jay Blatnik University of Wisconsin-Whitewater

Kiosk: 24C
Supramolecular Chemistry of Glycine Sulfonylcinnamate Polymorphs
Andrew Bolokowicz Eastern Illinois University

Kiosk: 22C
Reduction of Parasites and Diseases in Honeybees
Kiley Boone Dordt College

Kiosk: 10C
Development of new micellar-type palladium-n-heterocycle carbenes for aqueous reactions
Noah Broekemier University of Nebraska, Kearney

Kiosk: 15C
New ionic liquid-type catalysts for the synthesis of biodiesel using untreated vegetable oil
Noland Broekemier University of Nebraska, Kearney

Kiosk: 18C
Oxygen isotope analysis of diatom silica in surface sediment cores from Lake El’gygytgyn, Siberia
Allison Bryan Bowling Green State University

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**Poster Sessions**

**Poster Session 4**

**8:30 a.m. - 9:50 a.m., Friday, April 16, 2010**

Kiosk: 4B
Tinkle, tinkle little dog: how I wonder if quantity, quality, and masking factors influence signal efficacy in urine-marking behavior of male domestic dogs (Canis familiaris)
Laura Veverka Susquehanna University

Kiosk: 6B
Security in the soil: Determining how soil nutrients affect plant defense and fitness
Joshua Weber Susquehanna University

Kiosk: 4B
Tinkle, tinkle little dog: how I wonder if quantity, quality, and masking factors influence signal efficacy in urine-marking behavior of male domestic dogs (Canis familiaris)
Laura Veverka Susquehanna University
Poster Session 4

8:30 a.m. - 9:50 a.m., Friday, April 15, 2010

**Kiosk: 18A**
**Novel ways of Synthesizing Radiopharmaceuticals**
Garrett Carpenter, Daniel Mason  *University of Michigan*

**Kiosk: 20C**
**Polymer catalyzed transesterification of sunflower oil for biodiesel production**
Nahomi Carrasquillo Tirado  *University of Puerto Rico*

**Kiosk: 14C**
**Modulation of Production Methods of Copper Oxide Crystalline Arrays Created by Chemical Bath Deposition**
Meliss Chan  *University of Houston-Downtown*

**Kiosk: 17A**
**Novel application of Homogeneous Electrocatalysis with Conventional Dyes**
Preetif Choudhary  *University of Houston-Downtown*

**Kiosk: 15A**
**Morphological Features of Graphene/SiC Grown in Ambient Argon**
Edwina Clarke  *Fisk University*

**Kiosk: 10B**
**Development of a Protein-Based System for Detection of Organophosphates Using the pH-Dependence of Enhanced Green Fluorescent Protein**
Monique Conway  *Appalachian State University*

**Kiosk: 11C**
**Effects of Pentanol Isomers on the Induction of the Interdigitated Phase in Phospholipid Bilayer Membranes**
Kathryn Griffin  *Occidental College*

**Kiosk: 21C**
**Progress Towards the Synthesis of Pyrimidodiazepine-Based Folates as Potential Inhibitors of Glycinamide Ribonucleotide Formyltransferase**
Lilian Ha  *University of West Georgia*

**Kiosk: 23C**
**Self Contained Lubrication Schemes for MEMS Devices: Beyond Self-Assembled Monolayers**
Bronwyn Harrod  *University of Alaska Fairbanks*

**Kiosk: 12B**
**Oxygen-Activating Nickel(II) Complexes**
Richard Head, Kathleen Rudokas  *Xavier University*

**Kiosk: 3A**
**Experimental Analysis of a pH Gradient-Induced Force on Charged Particles**
Leticia Huynh  *University of Washington*

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**Kiosk: 21A**
**Practical Applications of the Voltammetric Determination of Alkali Metal Ions By Using Conducting Polymer**
Abdul Jangda  *University of Houston-Downtown*

**Kiosk: 13C**
**Gold-coated Iron Nanoparticles: Bioidentifiers and Cancer Treatment**
Jeremy Johnson, Jacob Hewell, Miho Suga  *University of West Georgia*

**Kiosk: 19A**
**pCO2 detection: Optimizing a calibration method**
Hunter Jones  *The University of Montana*

**Kiosk: 19B**
**Pharmaceutical Cocrystals: a new paradigm in drug development**
Alyssa Kennedy  *University of South Florida*

**Kiosk: 22A**
**Pyrolyzed Photoresist Films and Their Electrochemistry**
Daniel Kinler  *University of Wisconsin-Stevens Point*

**Kiosk: 22B**
**Reactivity of Metal-Based Oxidants with Thiol Containing Substrates**
Timothy Kwiecien  *Wayne State University*

**Kiosk: 40A**
**The interaction of cisplatin and various analogues with the 790 loop**
Christopher LaJeunesse  *Wayne State University*

**Kiosk: 20B**
**Polyacetylene Natural Products as Potential Antibiotic Agents: Total Synthesis, Biological Evaluation and Analog Studies**
Teri Jo Lanoue  *The University of Montana*

**Kiosk: 20A**
**Photophysics and Photochemistry of 2-trifluoromazine•HCl in aqueous solution**
Jaysika Leguillu  *University of Puerto Rico*

**Kiosk: 14A**
**Investigating the Reactivity of Triclosan**
Nicholas Leigh  *Lafayette College*

**Kiosk: 18B**
**Optimization of Dye Loading in Thin Films of Zeolite Crystals**
Kurt Maloney  *Penn State Erie, The Behrend College*
Poster Session 4

Kiosk: 16A
New Photovoltaic Materials – Enhancing the Photonic Properties of Vinylferrocene Derivatives by Increasing Molecular Polarity
Louis Martin Appalachian State University

Kiosk: 16B
New Techniques for P.E.T. Developement
Daniel Mason University of Michigan

Kiosk: 17C
Novel Drugs for the Treatments of Alzheimer’s Disease: Secondary and Tertiary 1-(3-pyridyl) Cyclic Amidines
Steven McDaniel Eastern Washington University

Kiosk: 13B
Going for the Little Gold: A Fiber-optic Chemical Sensing Application Utilizing Gold Nanoparticles
Benjamin Mitchell Kennesaw State University

Kiosk: 11A
A Responsive Concentration-independent Contrast Agent for Magnetic Resonance Imaging (MRI)
Stephanie Neal Wayne State University

Kiosk: 14B
Investigation of Vanadium Pentaoxide as a Possible Electrocatalyst for an Amperometric Hydrogen Sulfide Biosensor
James Pander Penn State Erie, The Behrend College

Kiosk: 5C
Isolation of Natural Products from Hypericum canadense
Elyse Petrunak Susquehanna University

Kiosk: 12A
Enantioslective Reduction of Prochiral β-Halogenated Aryl Ketone for the Synthesis of Chiral Oxetanes
Lilinete Roldan Hernandez University of Puerto Rico

Kiosk: 19C
Photochemical fate of phytoestrogens in aquatic environments
Loan Tran Seattle University

8:30 a.m. - 9:50 a.m., Friday, April 16, 2010

Kiosk: 17B
Novel Aqueous Synthesis of ZnO Nanoparticles
Yamilarelis Travesio University of Puerto Rico

Kiosk: 16C
Novel and Rapid Determination of Threat Agents by Voltammetry
Christine Varghese, Nirmal John University of Houston-Downtown

Kiosk: 11B
Effect of Counter Ions on the Reaction of Iron (III) and Thiosulfate
Philip Weiser, Christine McCarl Moravian College

Kiosk: 13A
Extraction and Quantification of Tetrahydrocannabinol: A “Special” Method for “Special” Samples
Taylor Yuzwa The University of Montana

Civil Engineering

Kiosk:
1C Using Rapid Prototyping in Structural Engineering Analysis of Steel Connections
Heather Christensen Milwaukee School of Engineering

Computer Science

Kiosk: 2A
Visualization Software in the Teaching of Parameter Passing Methods
Tom Fairfield Xavier University

Electrical Engineering

Kiosk: 3B
3D Photonic Crystals Fabricated Through Direct Laser Writing
Meredith Henstridge Xavier University

Environmental Sciences

Kiosk: 10A
Susquehanna River: A Working Effort to Monitor the Physical, Chemical and Biological Properties
Siobhan Fathel Susquehanna University

Health and Human Performance

Kiosk: 29A
Reaction Time as a Predictor of Overtraining with a Controlled Training Program
Charis Buffington The University of Montana
Poster Sessions

Poster Session 4

8:30 a.m. - 9:50 a.m., Friday, April 15, 2010

Kiosk: 31A
The Absorption and Psychological Effects of the Speedo Fastskin
Jasmine Catto Western Oregon University

Kiosk: 28C
Power Test do not Detect Overreaching in Athletes
Tom Davis, Steven Pfahler The University of Montana

Kiosk: 25A
Impact of Acute Coordinative and Aerobic Exercise on Attention in Graduate Students
Timothy Douglas Elon University

Kiosk: 28A
Passive and Active Recovery Following Aerobic and Anaerobic Ergometer Tests
Jessica Erdmann, Lindley Cone, Dwayne Perry Furman University

Kiosk: 25B
Impact of Housing on Physical Activity among College Students
Robert Hixon Elon University

Kiosk: 29C
Reliability of High-Resolution Accelerometry and Mechanomyography in the Assessment of Balance
Sean Johnson Western Oregon University

Kiosk: 25C
Insidious Elbow Pain in a College Female
Brandy Jones Western Carolina University

Kiosk: 32C The Effects of Distance Running on Mood State
Vanessa Jones, Natalie Peters Gustavus Adolphus College

Kiosk: 30A
Scheuermann’s Kyphosis in a High School Football Player
Andrea Kaufman Western Carolina University

Kiosk: 26A
Let’s Play: Observing physical activity in children at day care centers. Clare Kaufman University of Wisconsin-La Crosse

Kiosk: 28B
Patients Decision Making for Non-Emergent Use of the Emergency Department
Abhinav Krishnan Wayne State University

Kiosk: 30C
Short Term Kinesiological Effects of Heavy Rugby Ball Pass Training
Timothy Linn Western Oregon University

Kiosk: 30B
Sex on the Beach: An interactive look at perceptions of sexual behavior and alcohol consumption in college students on Spring Break
Stephanie Navarre University of Wisconsin-La Crosse

Kiosk: 31C
The Development of a Breaststroke Swim Paddle
Darren Pattison, JD Welch, Anna Reponen Western Oregon University

Kiosk: 32A
The Effectiveness of Different Cueing Devices for People with Parkinson’s disease with Gait Initiation Difficulties
Ryan Pope University of Central Lancashire

Kiosk: 27B
Parental Influence on Child Weight Loss in a 12-Week Family Based Pediatric Obesity Treatment Program
Maggie Sass University of Nebraska, Kearney

Kiosk: 29B
Relative Exercise Intensity as a Marker of Physiologic Thresholds
Aimee Schneider, Erica Wherry University of Wisconsin-La Crosse

Kiosk: 27C
Parental Influence on Child Weight Loss: Initial Three-Week Results from a 12-week Pediatric Intervention
Charles Sepers University of Nebraska, Kearney

Kiosk: 32B
The Effects of Different Running Stride Frequencies on Perceived Exertion, Heart Rate, and Accumulation of Blood Lactate
Adam Shultz Gustavus Adolphus College

Kiosk: 27A
Nurse Alarm Notification System (NANS) for Patients Receiving Opioids via Patient-Controlled Analgesia Postoperatively
Monica Singh University of Michigan

Kiosk: 26C
No difference in core and skin temperature for three clothing types in trials of simulated wildland firefighting
Katie Smith, Joseph Garrison The University of Montana

Kiosk: 31B
The Comparison of Blood Lacatate Levels At VO2 Max Between A Cycle Ergometer And Treadmill
Doris Yu Furman University
Poster Session 4

Kiosk: 26B
Mother’s Influence on Child’s Weight Loss Success
Britney Zeller  University of Nebraska, Kearney

History

Kiosk: 33A
The Green Revolution: its socio-economic and environmental effects in Mexico and India
Christoph Berenotto  University of Montevallo

Kiosk: 34B
Vietnam War: A Journey Through An American Soldier
Jaclyn Pugsley  Bridgewater State College

Kiosk: 33B
The Implications of the Voting Rights Act of 1965
Erik Samuelson  Winona State University

Kiosk: 33C
The Ojibwe and Their Fight for Their Home in Wisconsin
Wendy Schmidt  University of Wisconsin-River Falls

Humanities

Kiosk: 34C
Cervical Cancer Among Hmong Women
Mai Ze Vang  University of Michigan

Mathematical Sciences

Kiosk: 1B
Multicollinearity in Regression Analysis
Terrence Brooks  Alabama A and M University

Kiosk: 1A
A Class of Series and Their Sums
Carlos Gonzalez  Alabama A and M University

Kiosk: 35B
Adjacencies in State Transition Digraphs Associated to Self Avoiding Walks
Francheska Lebron  University of Puerto Rico

Kiosk: 35A
A Computational Study of Stability in the Restricted Three Body Problem
Garrett McCormack  Truman State University

8:30 a.m. - 9:50 a.m., Friday, April 16, 2010

Kiosk: 36C
Finite Element Method Simulations of Composite Materials
Abner Ortiz-Camacho, Greichaly Cabrera-Cruz  University of Puerto Rico

Kiosk: 36A
Biodiversity’s Affect on Modeling the West Nile Virus
Katherine Ott  University of Wisconsin-La Crosse

Kiosk: 35C
An Analysis of Alliances, Strategies, and Solutions in Three Player Games
Wesley Springs, Nicolas Kiely  North Carolina State University

Kiosk: 36B
Computational models of microorganism swimming motions
Christina Yee  Tulane University

Mechanical Engineering

Kiosk: 37A
Remote Controlled Multi-directional Rotating Platform for Stage Performances
Savage Brent  University of South Florida

Kiosk: 37C
X-ray diffraction study of nanoaluminum powder to 16 GPa
Trevor Hannon  Texas Tech University

Kiosk: 37B
An Assessment of the Feasibility of Measuring the Transient Temperature Response of a Droplet Impinging onto a Heated Surface using Micro-Thermocouples
Philip Lin  Villanova University

Microbiology

Kiosk: 4C
T-RFLP Analysis of Microbial Biofilm Communities in an Acid Mine Drainage Impacted Creek
Elizabeth Lawrence  Susquehanna University

Molecular Biology

Kiosk: 38C
Enhancing Solubility of the DNA Cytosine Deaminase and HIV-1 Restriction Factor APOBEC3F
Brett Anderson  University of Minnesota, Twin Cities

Kiosk: 39A
Analysis of lampricide-induced expression of programmed cell death-inducing genes in yeast
Chad Anderson  Norwich University
Poster Session 4

Kiosk: 39B
Genomic Characterization and PCR Cloning of Double-stranded (ds) RNA from Rhizoctonia solani
Jonathan Henninger Indiana University of Pennsylvania

Kiosk: 38B
Engaging Budding Scientists and Summer High School Students in Molecular Biology
Andrew Miyashiro Kapiolani Community College

Kiosk: 38A
Distribution of NK-1, NK2, MUC1 and MUC 3 receptors and anterograde tracing study in the palate of Rana pipiens
Frances Morales, Auryvelisse Collazo, Frances Morales University of Puerto Rico

Kiosk: 39C
Hypoxia Induces Lipid Droplet Accumulation in THP-1 Derived Macrophages
Alexander Noll University of Central Florida

8:30 a.m. - 9:50 a.m., Friday, April 15, 2010

Pharmacy and Pharmacology

Kiosk: 2C
Effects of Epigallocatechin Gallate (EGCG) on the Regulation of Multidrug Resistance Protein-2 (MRP-2)
Heather Grome Xavier University

Psychology

Kiosk: 2B
Examining the influence of realistic job preview on job acceptance and voluntary turnover
Lauren Hurley Xavier University

Women’s Studies

Kiosk: 23A
Conception + College = The Challenge: Pregnant College Women: Alternative Resources to Abortion
Danielle Gavin University of Florida

Zoology

Kiosk: 7C
Reading between the (drag) lines: Can male wolf spiders assess female number, male competition, and temporal order of silk deposition by silk cues alone?
Neil Kohler Susquehanna University

Kiosk: 7B
Bachelor number one or bachelor number two? Examining the effects of male body condition on female mating decisions and offspring survival in Pardosa milvina (Araneae: Lycosidae)
Alexander Sweger Susquehanna University

Kiosk: 7A
A possible bias in paleocommunity studies from a Quaternary cave in Central Pennsylvania
Brian Tanis Susquehanna University

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172
Poster Session 5

Biology

Kiosk: 6A
SAS1R, An Oocyte Specific Egg Membrane Metalloprotease Receptor for a Sperm Acrosomal Ligand: Candidate Drug Target for a NextGen Contraceptive?
Ritesh Agnihothri  University of Rochester

Kiosk: 9C
Spin Embryoid Bodies as an Improved Method of Blood Cell Differentiation in Human Embryonic Stem Cells and Induced Pluripotent Stem Cells
Rebecca Armstrong  University of Minnesota

Kiosk: 11A
Spinal Muscular Atrophy in Drosophila
Priscilla Auduong  University of Utah

Kiosk: 10A
The bullfrog neuroventilatory response to hypercapnia is unaffected by cannabigeric potentiation
Nicholas Bajada, Cord Brundage  University of Alaska Fairbanks

Kiosk: 7C
Singing behavior of the New Zealand Robin (Petroica australis)
Arthia Balagot, Arzina Khan, Vanessa Morales  Dominican University of California

Kiosk: 8A
Skeletal Muscle Atrophy in Critical Illness Myopathy Associated with Muscle Specific Apoptotic Responses
Benjamin Barnes  University of Kentucky

Kiosk: 17A
The Neuroprotective Effects of Hypothermia on Focal Brain Ischemia
Danielle Bazzi  Wayne State University

Kiosk: 9A
Social Status Indicators In Dog Urine
Danielle Bilgo  University of Wisconsin-Whitewater

Kiosk: 14B
The effects of pharmaceuticals on the growth of a model land plant, Arabidopsis thaliana
Kyle Butzine  University of Wisconsin-Whitewater

Kiosk: 14A
The Effects of Natural Landmarks on the Pilfering Behavior of Eastern Gray Squirrels
Alexandra Byrne  Hendrix College

10:00 a.m. - 11:20 a.m., Friday, April 16, 2010

Kiosk: 11C
The Effect of Eccentric Eye Position on Sound Localization
Kathryn Cooper  University of Rochester

Kiosk: 13C
The Effects of High-Volume Pharmaceutical Products on a Model Land Plant, Arabidopsis thaliana
Jasmine Crafton  University of Wisconsin-Whitewater

Kiosk: 6C
Short-term Diabetes Reduces Tendon Reflexes
Corbin Darling, Brandon Sowell, Joshua Jones, Jordan Johnson  Morehouse College

Kiosk: 19C
Understanding Glutamate Neurotransmission Before, During, and After Status Epilepticus in Young and Aging Rats
Megan Deel  University of Kentucky

Kiosk: 20A
Understanding Mosquito Host-finding Behavior: Implications for Human Public Health
Sean Ehlman  University of Kentucky

Kiosk: 4C
Quantification of Proteins Involved in the Etiology of Hypertension Using Western Blotting Techniques
Martha Fagan, Jessica Boone  University of Wisconsin-Stout

Kiosk: 17B
The Pro-Apoptotic Active Caspase-3 Enzyme is not Solely Associated with Apoptosis in a PC-3 Prostate Cancer Cell Line
Katelynn Faulk  Texas Tech University

Kiosk: 13B
The effects of caffeine and triclocarban on Gammarus pseudolimnaeus
James Fietzer  University of Wisconsin-Whitewater

Kiosk: 2A
Osmoregulation in Desert-living Lepidopterans
Brian Foster  University of Montana

Kiosk: 16C
The Impact of Historical Reforestation Efforts on Contemporary Forest Composition
Patra Foulk  Kapiolani Community College

Kiosk: 12C
The Effect of VHL on Renal Cell Apoptosis
Michael Gallo  Adelphi University
Poster Session 5

Kiosk: 14C
The effects of predatory birdcalls on the foraging behavior of gray squirrels (Sciurus carolinensis)
Nora Gibbons  Hendrix College

Kiosk: 20B
Understanding The Potential Impacts of an Invasive Marine Mussel: A Field Study Examining the Growth and Survival of Mytella chaurnana
Aaron Godwin  University of Central Florida

Kiosk: 20C
University Compost Against Competitive Sources
Max Hart  University of Wisconsin-River Falls

Kiosk: 19B
Trogocytosis Efficiency is Dependent on TCR Affinity for MHC:Peptide Ligands
Timmon Hayes  University of Montana

Kiosk: 5B
Rivers as Transport Vectors for Invasive Zooplankton
Benjamin Heggestad  University of Minnesota, Duluth

Kiosk: 13A
The Effects of Cache Location on the Pilfering Habits of Gray Squirrels
Patty Hill  Hendrix College

Kiosk: 18B
The role of TRPM5 channels in fatty acid signaling in enteroendocrine cells
Douglas Holt  Utah State University

Kiosk: 3B
Photoprotective effects of P. leucotomos via epidermal keratinocytes
Hyeondo Hwang  City College of New York

Kiosk: 15C
The Effects of Vegetation, Nutrition, and Sex Ratio on the Reproductive Cycle of Fundulus heteroclitus in the Laboratory
Alton Johnson  Barry University

Kiosk: 16B
The Function of Vacuolar Protein Sorting 4 Homolog B in Breast Cancer
Brittany Jones  Bowie State University

Kiosk: 4B
Purification and thermal-denaturation of human red cell water channel, Aquaporin 1 (AQP1)
Ameen Kazerouni, Adam Wharton  University of West Georgia

Poster Session 6

Kiosk: 12A
The effect of in vivo and in vitro administration of gossypol on p65 expression in dystrophic muscle
Katherine Kuhn  Truman State University

Kiosk: 9B
Social stress in potter traps
Brenna Lawson  University of Montana

Kiosk: 2B
Ovine GM1-Gangliosidosis: The Value of Animal Models in Scientific Research
Kehaunani Malama  University of Portland

Kiosk: 15A
The Effects of Rapid Cold Hardening on Courtship in Drosophila melanogaster
Alyssa Milano  Moravian College

Kiosk: 17C
The Role of PAX3-FKHR Regulated Histone Deacetylase 5 in the Pathogenesis of Alveolar Rhabdomyosarcoma
Vanessa Moore  Wells College

Kiosk: 6B
Seeking to generate “induced pluripotent stem” (IPS) cells from the cervical cancer cell line, HeLa.
Tim Morris, Samuel Lifton  University of Wisconsin-River Falls

Kiosk: 3C
Phylogenetic Analysis: Where Did H1N1 Come From?
Maressa Nazari  University of Wisconsin-Whitewater

Kiosk: 19A
Tissue Adhesion Defects in the Zebrafish bubble tail Mutation Cause Hemorrhage, Epidermal Finfold Degeneration and Lethality
Charles Phillips  University of Wisconsin-River Falls

Kiosk: 10B
Taking the Easy Way Up: Wing-Assisted Incline Running & Power Output in Pigeons
Jema Rushe, Brett Klaassen, Van Oorschot, Laura Hoon-Hanks  University of Montana

Kiosk: 8C
Smooth Muscle Layers are Diminished in Gastrointestinal Tract of Sparse Mutant Zebrafish
Lauren Saeva  State University of New York, Brockport

Kiosk: 15B
The Effects of Ultra-Violet Light on Rainbow Trout (Oncorhynchus mykiss) Embryos
Beth Shedden  Montana State University, Bozeman
Poster Sessions

Poster Session 5  10:00 a.m. - 11:20 a.m., Friday, April 16, 2010

Kiosk: 16A
The Function of DEK Oncoprotein in Colon Tumor Cells
Julie Sizemore  University of Toledo

Kiosk: 12B
The Effect of Pharmaceuticals in Effluent on Daphnia magna
Brentttesae Smith  University of Wisconsin-Milwaukee

Kiosk: 1C
Ornithodiplodostomum ptychocheilus (OP) Metacercariae Effects on Fathead Shoaling Activity
Emilia Sola-Gracia  University of Rochester

Kiosk: 3A
Phage Discovery and Characterization Engaging Students from all Levels of Education
Cory Sonnemann  Montana Tech of the University of Montana

Kiosk: 10C
TGF-ß inhibits expression of several cdks and cyclins but not p53 and p21
Shakima St Clair  Barry University

Kiosk: 7A
Sickle Cell Solubility Testing-Applications to 3rd World Countries
Ray Stanford, Justin Clark, Nicholas Noble  Weber State University

Kiosk: 4A
Plant fitness and seed dispersal in large-leaved avens, Geum macrophyllum
Robin Tellefson, Roshni Shah,  North Hennepin Community College

Kiosk: 18A
The Role of TPC and Na+/Ca2+ Exchanger in Mediating TGFß-Induced Pancreatic Cancer Cell Motility
Ornelas Tiffany  University of California, San Diego

Kiosk: 5C
Rotenone treatment slows gastrointestinal transit in the zebrafish
Kevin Tylock  State University of New York, Brockport

Kiosk: 7B
Signal Transduction Interactions of Orexin A and Endocannabinoids on Neuronal cAMP Production
Blandine Victor  Barry University

Kiosk: 1B
Oligodendrogenesis after hypoxic-ischemic stroke in mouse brain
Cameron Waites  University of Michigan-Flint

Kiosk: 2C
Oviposition Preferences of the Milfoil Weevil Euhrychiopsis lecontei
Kristy Williams  Concordia College

Kiosk: 18C
Therapeutic Window for Administration of Ketone Bodies after Trauma in the Juvenile Brain
Kathleen Xu  University of California, Los Angeles

Kiosk: 8B
Slimy, Smelly, and Superfun(d): Investigating water quality, invertebrate communities, and pyrethroid insecticides in the Duwamish River ecosystem
Lindsey Youngquist  Seattle University

Education

Kiosk: 23C
Continuing to Leave Children Behind: Retention, Social Promotion, and The No Child Left Behind
Ashley Ferguson  Dominican University of California

Kiosk: 23B
Building a Greater Number of Effective African American Math Students. Closing the African-American mathematics achievement gap
Jessica Johnson  University of Wisconsin-Whitewater

Kiosk: 21B
An Egg Cell Model of the Cell Membrane and Two Methods of Instruction with their Students
Andrea Kornowski  University of Wisconsin-Whitewater

Kiosk: 23A
Boys vs. Girls: A look at Teachers’ Philosophies and Interactions
Melissa Maffei  Dominican University of California

Kiosk: 22B
Are St. Olaf Placement Exams Working?: An analysis of chemistry placement data
Ashley Petersen, Alyssa Frazee, Ashley Loomis  Saint Olaf College

Kiosk: 24C
How Involvement in Extra-Curricular Activities Affect High School Seniors’ GPA and Graduation Rate
Aislynn Pounds  University of Wisconsin-Whitewater

Kiosk: 22C
Assessing Constructivist Teaching and Learning in the Ohio Mathematics Coaching Program
Christina Restrepo  University of Central Florida
Poster Session 5

10:00 a.m. - 11:20 a.m., Friday, April 16, 2010

Kiosk: 24A
Discovering Innovative Ways to Promote Science Education
Anthony Seranko  Seton Hill University

Kiosk: 21C
An exploration of how children’s diverse literacy practices are used and valued in the classroom
Leslie Taylor  Dominican University of California

Kiosk: 21A
A Comparison of Intervention Approaches for Improving Literate Language Use by Children with Language Impairments
MaKenzie Taylor, Kristina Morrey, Kelsi Bailey, Lichelle Slater  Utah State University

Kiosk: 24B
Factors Influencing Library Use in English- and Spanish-speaking Families with Preschool Children
Emilie Trimberger  University of Wisconsin-Whitewater

Nursing

Kiosk: 25C
Nurses’ Experiences In Caring for Incarcerated Patients During Perinatal Care
Lydia Busiahn  Gustavus Adolphus College

Kiosk: 26A
Old Idea, New Questions: Outcomes of Water Birth in Minnesota
Caitlin Cleary  University of Minnesota

Kiosk: 25B
Intentions to perform Breast Self Exams (BSE): Risk x age interactions
Oluwadamilola Ekundayo, Gifty Asiamah, Solange Francios, Tina Brown, Michele Schlehofer  Salisbury University

Kiosk: 27A
Quantity and Quality of Sleep and Serum Cortisol of Nurses Of the Midlife Weight Loss Study
Jamie Hartung  University of Minnesota, Twin Cities

Kiosk: 27C
What Caribbean Women Want and Need to Know about HPV, Cervical Cancer and Condom Use
Ruth Ivalis, Jori Russ  University of Wisconsin-Milwaukee

Kiosk: 25A
Implementing Palliative Care Programs for Critical AIDS Patients
Heather Lytle  Montana State University, Bozeman

Kiosk: 26B
Parents’ and Children’s Evaluation of a Child Asthma Self-Management Program
Kristyn Mickley, Kelly Leech, M. Erin Alvey  University of Kentucky

Kiosk: 27B
Substance Abuse Among Nurses: The need for a universal approach to education, prevention, recognition and treatment.
Edwin Stow  Lubbock Christian University

Kiosk: 26C
Predictors of Sexuality Concerns Among Ovarian Cancer Survivors
Chantel Umberger  University of Pittsburgh

Political Science

Kiosk: 28B
Russian Energy Politics in the Putin/Medvedev Era
Lainna Fader  Occidental College

Kiosk: 29A
The Influence of Mail-In Voting on College Student Turnout Rates
Lisa Maloney  Winona State University

Kiosk: 28A
HIV/AIDS Related Stigma in the Workplace: Perspectives of UN Agencies
Beatrice Roger  Hendrix College

Kiosk: 28C
Social Capital: Theory into Action on College Campuses
Nathan Summerfield  University of Nebraska, Kearney

Kiosk: 29C
Town versus Gown: Student and Community Member Perceptions Regarding Binge Drinking
Codi Wood, James McGuire  Winona State University

Kiosk: 29B
The Politics of Military Dominance: Weaponizing Orbital Space
Joseph Zimmerman  University of Minnesota, Twin Cities

Psychology

Kiosk: 37B
Fear of AIDS and the Alpha: If you guide the leader, the pack will follow
Kristen Altenau  Miami University
Poster Session 5

Kiosk: 33A
The Influence of Motivational, Behavioral Inhibition and Behavioral Activation Systems on Smoking Cessation through Contingency Management Treatment
Danica Maureen Aquino Wayne State University

Kiosk: 37C
fMRI and DCM modeling reveal inefficient and imbalanced interactions in developmentally vulnerable adolescents
Neil Bakshi Wayne State University

Kiosk: 11B
Sleep patterns and mood in recent tropic migrants to Minnesota and Minnesota natives
Jennifer Dada-Samuel University of Saint Thomas

Kiosk: 30B
Childhood and Adolescent Trauma is Associated with Increased Problematic Gambling Beliefs
Nathaniel Diede Black Hills State University

Kiosk: 31B
Deficits in a Novel Location Task Caused by Audiogenic Seizures are Mitigated by Environmental Enrichment
Chase Francis Appalachian State University

Kiosk: 39A
How Does Attachment to God Relate to Well-Being?
Paul Glanzer, Stan Pichinevskiy Eastern Washington University

Kiosk: 34A
Effects of an interpersonal cognitive problem-solving intervention on maternal self-efficacy, parenting stress, and perceived change in children’s social behavior
Sarah Hahl Adelphi University

Kiosk: 30A
Childhood and Adolescent Trauma and Risky Sex Behavior
Heidi Hankerson Black Hills State University

Kiosk: 38A
Focusing your attention: Is this determined by demands on perception processes and everyday distractibility?
Rebecca Harris University of Central Lancashire (UK)

Kiosk: 33B
Early Life Stress Associated with Increased Impulsivity in both Men and Women
Jim Hellekson Black Hills State University

Poster Session 5

10:00 a.m. - 11:20 a.m., Friday, April 16, 2010

Kiosk: 36B
Exergaming and Schizophrenia: Neuropsychological Effects on Exercise
Veronica Hopkins Union College

Kiosk: 32C
Drinking intentions predict depression and anxiety symptoms beyond frequency of intoxication among emerging adults
Aisha Howard University of South Florida

Kiosk: 31A
Cortisol Stress Reactivity and Spiritual Well-being After Traumatic Brain Injury
Paul Hubbarth Wayne State University

Kiosk: 38B
High School Gay-Straight Alliances, Religious Identification and Alcohol Use Behaviors Among Sexual Minority Youth
Scott Hulett University of Montana

Kiosk: 37A
Exploring the Synergy Between Dopamine and Glutamate in Brain Reward Mechanisms
Lucas Kuehn University of Wisconsin-Whitewater

Kiosk: 34C
Effects of Culture on Gendered Stereotypes of Emotion
Leigh Lampley Elon University

Kiosk: 30C
Comfort Mood: Clothing Choices and Emotional Intelligence
Alexandra Leach-Wick Miami University

Kiosk: 31C
Discriminative Validity of the Learning Behaviors Scale
Cassandra Ledvina Eastern Illinois University

Kiosk: 33C
Effects of an Academic Honor Code on Social Norms: A Study of Students’ Perceptions of Academically Dishonest Behavior
Laura Masse Wells College

Kiosk: 35C
Establishing convergent and discriminant validity in the Farm Ranch Stress Inventory (FRSI).
Erick Messler University of South Dakota

Kiosk: 36A
Sound induced seizure severity is altered by environmental enrichment in developmentally primed rats
Andrew Murray Appalachian State University
Poster Session 5

10:00 a.m. - 11:20 a.m., Friday, April 16, 2010

Kiosk: 36C
Exploring Possible Interrelations Among Social Knowledge Complexity, Social Competence, and Childhood Depression.
Caitlin O’Connor  University of Utah

Kiosk: 39B
Impact of Victim and Defendant’s Photographs on Decision Making in Trial
Tsing Ching, Pun Ji Yoon Lee, Sarah Gilbert
Austin College

Kiosk: 35B
Emotional Intelligence Awareness in Undergraduate Students: Development and evaluation of EI materials
Claire Roper  University of Central Lancashire

Kiosk: 32B
Does Happy at Home Mean Happy at Work? Life Satisfaction and Sales Performance
Meaghan Rowe-Johnson  University of Wisconsin-La Crosse

Kiosk: 22A
Social Perceptions of a Woman’s Sexuality
Kristin Schillings  Elon University

Kiosk: 32A
Do men really have superior spatial navigation abilities? Results of experiment point to no.
Gregory Shuler  Western Carolina University

Kiosk: 34B
Effects of Chronic Forced Exercise on Cocaine Conditioned Place Preference in Adolescent Male and Female Lewis Rats
Andrew Tucci  Stony Brook University

Kiosk: 38C
How Do Reality Television Shows Affect Young Women’s Body Image?
Jessica Vazquez  Bowling Green State University

Kiosk: 39C
Adolescent crowd affiliation: A comparison of two methodological approaches
Amy Wax, Evan Shore, Dorian Vaughn  Occidental College

Kiosk: 35A
Emotional closeness between mothers and their children with autism
Karen Yoshida  Ithaca College

Zoology

Kiosk: 1A
Vertebrate faunal reconstruction at a Holo-Pleistocene cave in Central Pennsylvania
Brian Tanis  Susquehanna University
Poster Session 6

Aeronautical/Space Engineering

Kiosk: 36A
Why Haven’t Mars Rovers Landed Where They Were Expected to?
Andrew Badger North Carolina State University

Biology

Kiosk: 15A
Loss of Cortical Microcircuitry in Alzheimer’s Disease and Mild Cognitive Impairment: Different Cortical Regions Show Different Patterns of Dendritic Spine Loss.
Stephen Aradi University of South Florida

Kiosk: 4B
Fibrocyte’s role in tissue healing and fibrosis
Molly Belisle University of Michigan

Kiosk: 14B
Lipocalin-7: A new regulator of angiogenesis?
Leslie Brown, Allan Albig, Mariam Alawoki Indiana State University

Kiosk: 12A
Insight on the development of neuroventilatory GABA-mediated inhibition in bullfrog tadpoles
Carla Cartagena, Cord Brundage, Barbara Taylor University of Alaska Fairbanks

Kiosk: 9C
Identification of Potential Drugs for Heart Failure
Paul Casper University of Wisconsin-River Falls

Kiosk: 8B
Heavy Metal Concentration in Sturgeon Liver and Tissue
Emily Castellanos University of Wisconsin-Whitewater

Kiosk: 8A
Growth and survival of delta smelt fed field-collected copepods
Benjamin Colteaux Dominican University of California

Kiosk: 19C
Neural Regions Associated with Stress in Mallards
Sarah Coons University of Wisconsin-Whitewater

Kiosk: 8C
Behavioral Abnormalities in Rapid-Onset Dystonia Parkinsonism
Mark DeAndrade University of Alabama, Birmingham

Kiosk: 1B
Elucidating the Structure of Phospholamban
Adam Dillman University of Evansville
**Poster Session 6**

**Kiosk: 4A**

*Extracellular Assembly: Focus on the Drosophila Svm7 Protein*

Tasha Hefter  
*Marquette University*

**Kiosk: 19A**

*Multivariate Preference Functions and Sexual Selection in Enchenopa Treehoppers*

Brett Heim  
*University of Wisconsin-Milwaukee*

**Kiosk: 20C**

*News from the proteomic front line in the fight against invasive strains of Alliaria petiolata and Phalaris arundinacea in Wisconsin.*

Rahsaan Hill  
*University of Wisconsin-Stout*

**Kiosk: 19B**

*Myofilament structure in muscle from tissue specific Bmal1 KO mice*

Jessica Houtz  
*University of Kentucky*

**Kiosk: 11A**

*In Vivo Persistence of Campoletis sonorensis Ichnovirus Genomic Segments Into Heliothis virescens DNA*

Philip Houtz  
*University of Kentucky*

**Kiosk: 13B**

*It is darkness and not light: depression-like behaviors of Nile Grass rats maintained on a short daylight schedule*

Jesse Juetten  
*University of Minnesota, Duluth*

**Kiosk: 1A**

*Elucidating the molecular mechanism of fusion activation by the measles virus hemagglutinin protein: engineering ‘cantilevers’ to trigger fusion independent of the native receptors*

Leah Kay  
*Concordia College, Moorhead MN*

**Kiosk: 18C**

*Molecular simulations of MHC-TCR-peptide complex related to autoimmune diabetes*

Matthew Kheir  
*University of Michigan*

**Kiosk: 16C**

*Matrix Metalloproteinase Expression in the Hypothalamus and Spinal Cord Following Spinal Cord Induced Neuropathic Pain*

Kevin King  
*University of Wisconsin-Madison*

**Kiosk: 16B**

*Marker-assisted inbreeding in the advanced generations of the Collaborative Cross: Chromosomes 2, 10 and 13*

Sarah Koon  
*College of St. Scholastica*

**Kiosk: 6B**

*Genetic Analysis of Nuclear Receptor Genes in Caenorhabditis Elegans Dauer Recovery*

Kaitlin Larimer  
*University of Wisconsin-Whitewater*

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**2:30 p.m. - 3:50 p.m., Friday, April 16, 2010**

**Kiosk: 15C**

*Male reproductive success differs between ploidy levels and water availability in Solidago altissima: a study of pollen size and viability*

Chantal Liepold  
*University of Minnesota, Duluth*

**Kiosk: 18A**

*Metabolic Parameters in C57BL/6 mice: A 4 Way Diet Study*

Taneka Marshall  
*Bowie State University*

**Kiosk: 7A**

*Genomic and Functional Analysis of Cellulose Degradation Biofuel Enzyme Xylanase A in Soil Bacteria Cellulomonas flavigena*

Tim Mayerhofer  
*Saint Johns University*

**Kiosk: 10A**

*Identifying Sources of Fecal Contamination in Hazel Creek and Forest Lake Using Bacteroides Host Specific Primers*

Sarah Meyer  
*Truman State University*

**Kiosk: 20A**

*Neurexin 3 gene and relations to Impulsivity*

Brett Montieth  
*Black Hills State University*

**Kiosk: 12B**

*Intraspecific and interspecific schooling behavior in the fathead minnow and common shiner in response to a chemical alarm cue*

Charles Murphy  
*North Hennepin Community College*

**Kiosk: 14A**

*Linking behavioral ecology in the Nerita picea and the science of ancient Hawaiians*

Cockett Patricia  
*Kapiolani Community College*

**Kiosk: 5B**

*Foraging Behavior of Nocturnal Rodents is Influenced by Both Direct and Indirect Cues of Predation Risk*

Natalie Pilakouta  
*State University of New York, Brockport*

**Kiosk: 9A**

*How many Lichen? How many Trees? Island Biogeography in the Boundary Waters Canoe Area Wilderness*

Kate Pischke, Sarah Ames, Josh Pletzer, Nick Schoenfuss, Zach Snobl, Jessica Soine  
*University of Wisconsin-Eau Claire*

**Kiosk: 10C**

*IL-2 Stimulated Allogeneic NK Cells in an In Vivo Ovarian Cancer Model*

Lee Pribyl  
*University of Minnesota, Twin Cities*

**Kiosk: 17A**

*Measuring Reactivity Trends of Tumor Biomarkers in Ovarian Cancer Recurrence*

Sruthi Renati  
*Wayne State University*
Poster Session 6

Kiosk: 16A
Mapping Human Mutations: Looking for Natural Selection in Europe
Putler Rosemary  University of California, Los Angeles

Kiosk: 3A
Evolutionary Origins of Ion Channel Proteins
Yakov Rubinchik  Wofford College

Kiosk: 5C
Functional analysis of potential heme binding nuclear receptors in the parasitic nematodes Brugia malayi and Dirofilaria immitis
Brian Schippers  University of Wisconsin-Whitewater

Kiosk: 20B
New Jersey’s Swamp Pink: Genetic Diversity and What it Means for Conservation
Amy Sharma  Rutgers University

Kiosk: 7B
Genomic RNA characterization and PCR cloning of Tomato Mosaic Virus RNA
Andrea Stein  Indiana University of Pennsylvania

Kiosk: 11B
Independent and mixed-species decomposition of Russian olive and cottonwood leaf litter
Evan Suhr  University of Nebraska, Kearney

Kiosk: 15B
Love under pressure: Does stress regulate gonadotropin-inhibitory hormone in free-living white-crowned sparrows?
Nicole Suleiman  Seattle University

Kiosk: 1C
Empowering Biology Education Through Computer Analysis of Whale Origins
Courtney Thompson  University of Wisconsin-Whitewater

Kiosk: 14C
Little Bugs in the Big City: Investigation of Litter Invertebrates along an Urbanization Gradient
Michael Van Nuland  Seattle University

Kiosk: 3B
Examining the relationship of an invasive plant, Euphorbia esula (Euphorbiaceae), on native bee abundance.
Daniel Venturella  University of Montana

Kiosk: 2B
Eurasian Phragmites australis Haplotype M in Minnesota Waterways
Robbyn Weaver  Minnesota State University - Moorhead (TC Campus)

2:30 p.m. - 3:50 p.m., Friday, April 16, 2010

Kiosk: 17C
Mercury Concentrations in Aquatic Insect Larvae among Different Functional Feeding Groups in Minnesota Streams
Stefanie Wolf  University of Minnesota, Twin Cities

Kiosk: 10B
Identifying the Expression Pattern of Methuselah-like G Protein-coupled Receptors
Rami Zein  Wayne State University

Kiosk: 4C
Fishing Phytophthora in Maryland
Xiaojie Zhang  University of Maryland, College Park

Computer Science

Kiosk: 33C
iCope: Training Resilient Computing Students using Wireless Digital Media Players
Jason Booth  Radford University

Kiosk: 33B
Can illegal file sharing be filtered by intrusion prevention systems?
Benjamin Christen  Youngstown State University

Kiosk: 31B
A Parallel Approach to Ramsey Numbers through CUDA programming
Ben Ferenchak, Bernard Liberati  Widener University

Kiosk: 32A
An Integration of Graphical Dynamic MPI Formal Verification Within the Eclipse PTP
Alan Humphrey  University of Utah

Kiosk: 31C
A Visual Approach for Modeling Agent Intelligence
Philip Jensen  Trinity University

Kiosk: 33A
Building A PHP Framework to Promote Better Human-Computer Interaction
Adam Magana  Youngstown State University

Kiosk: 34A
Intent model for supporting medical trauma treatment
LQ McDonald III, Adam Olson  University of Wisconsin-Whitewater
Poster Session 6

Kiosk: 32B
Automated Segmentation of Liver Tumors From CT Data With A Two-Stage Multi-resolution Approach
Nabin Mulepati  
Susquehanna University

Kiosk: 32C
Automatic Classification of Medical Images by Modality
Drew Onderko  
University of Wisconsin-Milwaukee

Kiosk: 34B
Modeling Traffic in a Multi-Agent System with Geographic Information Systems (GIS)
Joaquin Rodriguez, Patricia Perez  
University of Texas, Austin

Economics

Kiosk: 36C
The Relationship Between Educational Spending and the Social Distribution of Achievement
Caroline Bredal  
Augsburg College

Kiosk: 36B
Seasonal Adjustment: Find the Real Trend of Economic Index and Predict Future
Kejia Hu  
University of California, Davis

Kiosk: 35A
Frankenstein Food: An analysis of the consumption of industrial food and the rise of Type 2 Diabetes, and contributing socio-economic factors
Kelly Keener, Tiffany Sayers  
Edinboro University of Pennsylvania

Kiosk: 35B
Industry-Specific Effects of NAFTA on Kentucky International Trade
Rachel Keller  
University of Kentucky

Kiosk: 35C
Mafiaconomics: The Effect of Organized Crime & Corruption on FDI Inflows in Italy
Chris Purcell  
Augsburg College

Kiosk: 34C
Does the augmented Solow model still largely explain variations in income per capita?
Michael Schwieters  
Saint Johns University

Engineering

Kiosk: 21C
Seat Belt Usage and Design in Rural Emergency Response Vehicles
Tawny Hoyt  
Montana State University, Bozeman

2:30 p.m. - 3:50 p.m., Friday, April 16, 2010

Kiosk: 22A
Streamlining the File Conversion Process for Rapid Prototyping Patient-Specific Hearts
Maria Soto  
Milwaukee School of Engineering

Kiosk: 21B
Phase Separation Kinetics of Polymer Membranes
Ka’Laun Westry  
Clark Atlanta University

Environmental Sciences

Kiosk: 37C
Effects of Carbon Dioxide on Rainbow Trout Larvae: Application for Invasive Fish Eradication
Jason Baldes  
Montana State University, Bozeman

Kiosk: 37B
Effect of habitat restoration efforts on stream macroinvertebrate and fish communities
John Corbin, Jennifer Mead  
Moravian College

Kiosk: 38C
Environmental Impacts on Nuclear Reprocessing Solvents
April Gillens  
North Carolina Agricultural and Technical State University

Kiosk: 39C
Going Green: From The Top Down
Ryan Goetz, Katarina Rybarova  
University of Wisconsin-Milwaukee

Kiosk: 39B
Gaining Insight into New York’s Climatic Future By Analyzing Climate Trends of Its Past
Brian Kateman, Jonathan Rossi, Gayathri Sudarsanan, Mallory Goe, Jenna Calderon  
Macaulay Honors College at Staten Island College, CUNY

Kiosk: 37A
Effect of bush honeysuckle, an invasive plant species, on mycorrhizal growth in native tree species
Christina Kuchle  
University of Kentucky

Kiosk: 38B
Effects of Rhamnus cathartica (common buckthorn) stand age on decomposition
Samantha Miller  
Carthage College

Kiosk: 39A
Farmworkers and Pesticides: Contemporary and Historic Issues and Solutions
Sage Stowell  
University of Montana
Poster Session 6

Kiosk: 38A
Effects of Reed Canary Grass (P. arundinacea) on Stream Macroinvertebrates Depend Upon Stream Restoration Age
Camille Thorson  University of Wisconsin-Stout

Gender Studies

Kiosk: 22B
Sex Workers and HIV/AIDS: The Implementation of Local Models of Education and Prevention in Mumbai, India
Sara Amri  Occidental College

Kiosk: 22C
The Perfect Couple: Examining Levels of Perfectionism in College Student Relationships
Lauren Thomas  Miami University

Geography

Kiosk: 23B
Upstream to Downstream Changes in Channel Morphology of the Whitewater Creek Watershed
Julia Ganja, Michelle Eisenhauer  University of Wisconsin-Whitewater

Kiosk: 23C
Urban Real Estate Research Using GIS and Spatial Analysis
Zawadi Mageni  Carthage College

Kiosk: 23D
The Impact of CRP on Natural Habitats in Jefferson County, WI
Bryan Stueck  University of Wisconsin-Whitewater

Psychology

Kiosk: 21A
What Really Happened?: Contemporary Role of Inhibitory Mechanisms in Susceptibility of Verbal and Visual Misinformation
Alexander Agnor  Moravian College

Kiosk: 21B
Role of Cholinergic and GABAergic NBM neurons in timing and divided attention
Alyssa Cain  Bowling Green State University

Kiosk: 27C
Relationship Quality with Parents, Peers and Romantic Partners: Influences Over Young Adult’s Important Life Decisions
Jennifer Kutzner, Shannon Long  Westminster College

2:30 p.m. - 3:50 p.m., Friday, April 16, 2010

Kiosk: 2A
Racial self-characterization and its relationship to important psychological outcomes in a sample of female HBCU students
Sequoyah Sherrill  Hampton University

Sociology

Kiosk: 28A
Perceptions of Feminism in 2009
Katie Bloomquist  University of Montana

Kiosk: 28B
Religious Affiliation and Religiosity: Variations on Perceptions of Domestic Violence
Amelia Carey  University of Central Florida

Kiosk: 27A
Mentoring Latinas in High School
Brianne Coffey  University of Wisconsin-Whitewater

Kiosk: 25C
Development of college students from diverse family structures
Erin Fordyce  University of Evansville

Kiosk: 24B
An Extra Piece of Sex Candy For The Soul: A Study of African American Swingers
Tranicia Hankins  Indiana University - Purdue University

Kiosk: 28C
Substance Use: Why do they do that?
Robert Jones  University of Wisconsin-Stout

Kiosk: 26B
Homophobia: How Sex and Locale Affect Homophobic Attitudes
Stephanie Niemeyer  Eastern Illinois University

Kiosk: 24C
Attitudes toward Unionization and Variations among Religious Denominations
Lisa Piasecki  Eastern Illinois University

Kiosk: 24A
American Indians in Special Education
Ronnie Ricker  Montana State University, Bozeman

Kiosk: 25B
Conspicuous Consumption’s Twenty-First Century Validity
Myrah Scruggs  University of Kentucky
Poster Session 6

2:30 p.m. - 3:50 p.m., Friday, April 16, 2010

**Poster Session 6**

Kiosk: 26A
Effects of School Income Level on the Disproportionate Suspension of African American Male Students
Christa Steiner  
Montana State University, Bozeman

Kiosk: 26C
Martin Luther King, Jr., Schools: Does the Reality Fit the Stereotype?
Julia Wessel  
University of South Dakota

Kiosk: 25A
College Students’ Definitions of Infidelity,
Alyssa Zander, Brittany Antolik  
University of Wisconsin-Stout

**Theatre/Drama**

Kiosk: 29A
Cat Chow & Me: Working with a famous contemporary artist to achieve costume nirvana
Megan Moore  
University of Northern Iowa

**Zoology**

Kiosk: 31A
Morphometric Comparisons and Fluctuating Asymmetry in Several Populations of Mexican Free-Tailed Bats (Tadarida brasiliensis)
Hallmark Alesia  
Oklahoma State University

Kiosk: 29B
Behavior of the Hawaiian Coot (Fulica alai)
Jason Alstad  
Kapiolani Community College

Kiosk: 30B
DNA Barcoding Reveals the Diversity of Shore Flies from Great Salt Lake
Krystle Minear  
Weber State University

Kiosk: 30A
Discovering Callisto nubila nubila
Britzy Rivera  
Pontifical Catholic University of Puerto Rico

Kiosk: 29C
Changes in Behavior Patterns of the King and Queen Termite, Reticulitermes flavipes
David Sanders  
Morehouse College

Kiosk: 30C
Examining the frequency of bacterial exchange between wild ungulates
Wesley Sarmento  
University of Montana

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**Poster Session 7**

**Biology**

Kiosk: 2B
Use of fish parasites as an index of stream health in the San Francisco Bay Area.
Angelina Andrews  *Dominican University of California*

Kiosk: 3C
Wingless and Decapentaplegic Expression in Horn Development of Allomyrina dichotoma
Jessica Corean, Thomas Bassett  *The University of Montana*

Kiosk: 2C
Using an Index of Biotic Integrity to measure the effects of a tributary (Parker Creek) on the biotic integrity of the Kinnickinnic River
Kristina Gorshe  *University of Wisconsin-River Falls*

Kiosk: 3B
Visual recognition of color and shape in the African cichlid, Melanochromis auratus: the key to understanding speciation in an explosive radiation
Didion Jeremy  *Bowling Green State University*

Kiosk: 1C
Upright Macroalgal Biomass Inside and Outside Marine No-take Reserves in Little Cayman, Cayman Islands, in 2007
Krames Jeremy  *Dominican University of California*

Kiosk: 1A
Life history of, Klambothrips myopori, a serious pest of Myoporum laetum
Daphne Li  *University of California, San Diego*

Kiosk: 3A
Using RNA Interference to Investigate the Function of Novel Histone Demethylases in Drosophila Melanogaster
Michael Murillo  *University of Evansville*

Kiosk: 2A
Upright Macroalgal Cover Inside and Outside Marine No-take Reserves in Little Cayman, Cayman Islands, in 2007
Paul-Michael Organist  *Dominican University of California*

**Chemistry**

Kiosk: 4B
Synthesis and biological activity of new 4-aza-2,3-didehydropodophyllotoxin Derivatives
William Amaro  *University of Puerto Rico*

Kiosk: 6C
Synthesis of Biodegradable and Superabsorbent Hydrogels
Marcus Arieno  *Eastern Washington University*

Kiosk: 5C
Synthesis of 2-Naphthamidine derivates for affinity membrane separation of plasminogen activators.
Christian Benitez  *University of Puerto Rico*

Kiosk: 8B
Synthesis of Novel Flavanoid Benzisoxazole-N-oxides
William Boylan  *Penn State Erie, The Behrend College*

Kiosk: 5A
Synthesis and Purification of Branched Chain a-Ketophosphonic Acids for the Study of Maple Syrup Urine Disease
Tatiana Dial, Olin Anderson  *Eastern Washington University*

Kiosk: 9B
Synthesis of Tyrosinase Inhibitors:Designing Chalcones
Gabrielle Diaz  *St. Marys College of California*

Kiosk: 4C
Synthesis and Inhibition Activity of N-benzylbenzamides
Lindsay Flint  *St. Marys College of California*

Kiosk: 12A
Toxicological study of PCB-nanoparticle complexes
Elani Fourie  *University of Kentucky*

Kiosk: 6B
Synthesis of a Potential Hydrogen Atom Acceptor through the Combination of Electron and Proton Transfer Agents
Jonathan Geruntho  *Albright College*

Kiosk: 8A
Synthesis of Novel Benzisoxazole-N-oxides
Olivia Hoermann  *Penn State Erie, The Behrend College*

Kiosk: 8C
Synthesis of tetra(4-sulfonatophenyl)chlorin from tetra(4-sulfonatophenyl)porphyrin
Ashley Kanupp  *Appalachian State University*

Kiosk: 5B
Synthesis and Structural Characterization of Photochromic Platinum(II) Complexes
Yungwirth Kathleen  *Penn State Erie, The Behrend College*
**Poster Session 7**

**8:30 a.m. - 9:50 a.m., Saturday, April 17, 2010**

**Environmental Sciences**

Kiosk: 39B
The effect of human activity on the movement of the Idaho Giant Salamander
Jonathan Ebel  
*The University of Montana*

Kiosk: 13B
Understanding Patterns and Reducing Littering at a University Campus Dormitory
Loren Klein  
*Dominican University of California*

Kiosk: 14A
Waikalua Loko: The Life Sustaining Parameters of An ancient Hawaiian Fish Pond
Youngsu Kwon  
*Kapiolani Community College*

Kiosk: 12B
The Effects of Natural versus Artificial Alkalinity in Headwater Streams on Streamside Salamanders in Southwestern Pennsylvania
Kenneth Primeaux  
*Saint Vincent College*

**European Studies**

Kiosk: 14B
Dealing with the EU Demographic Time-Bomb: How Can Employment Rates Be Increased?
Katelyn Parker  
*Hendrix College*

**Film Studies**

Kiosk: 14C
Different Names for the Same Thing: Appropriation of Germanic Names in The Rocky Horror Picture Show
Harold Collins  
*University of West Georgia*

**Geology/Earth Sciences**

Kiosk: 15B
Phosphates and Bio/organic Compounds: A Link to Mars
Daniel Aspden  
*The University of Montana*
**Poster Session 7**

**Kiosk: 15C**
Predicting the effects of locked, partially locked, and liberated minerals in copper leaching

Abraham Jurovitzki  
*University of Utah*

**Kiosk: 16C**
Using Ca-Sulfate Minerals to Assist in the Detection of Bio/organic Compounds on Mars

Kyle Kouri  
*The University of Montana*

**Kiosk: 16A**
Quaternary Glacial Mapping Using Soil Survey Information

Betsy Oehlke  
*University of Wisconsin-River Falls*

**Kiosk: 15A**
Mineralogical Analysis of Mafic Microgranular Enclaves within Sheared Granitic Rocks in Mountain, WI

Michael Siegner  
*University of Wisconsin-Whitewater*

**Health and Human Performance**

**Kiosk: 17B**
The Effects of High-Intensity Strength Training on Bone Mineral Density Among Collegiate Females

Mark Austad, Horton Fraser  
*Gustavus Adolphus College*

**Kiosk: 22B**
Validity of Estimated Versus Measured Residual Volume in Males and Females

Brooke Borden  
*The University of Montana*

**Kiosk: 20B**
The Prevalence of the Female Athlete Triad Among College Students

Jennifer Bossi  
*Wingate University*

**Kiosk: 21B**
The Symptoms of Success: A Look at the Health and Well Being of High Achieving Women in Pakistan

Sohaila Dadelahi, Matthew Widdekind, Kandi Raymond  
*Montana State University, Bozeman*

**Kiosk: 23B**
Wireless e-Technology Accelerometry in the Measurement of Mechanomyography

Jeffrey Eggeleson, John Jones  
*Western Oregon University*

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**Poster Session 8:30 a.m. - 9:50 a.m., Saturday, April 17, 2010**

**Kiosk: 18A**
The Effects of Nutritional Interventions on Military Physical Training Performance Tests

Jocelyn Head, Kendra Hovland, Shamus McCarthy  
*The University of Montana*

**Kiosk: 22C**
Vision in Action Strategies involving Experienced and Inexperienced Baseball Umpires

Bridget Hines  
*University of Minnesota, Duluth*

**Kiosk: 18C**
The Effects Of Yogilates And Abdominal Crunch Exercises On Abdominal Circumference And Muscular Endurance

Heidi Janzig, Megan Trahms  
*Gustavus Adolphus College*

**Kiosk: 17A**
The Effects of Fatigue on Measures of Balance Using High-Resolution Accelerometry and Mechanomyography

Sean Johnson  
*Western Oregon University*

**Kiosk: 21C**
The Relationship Between Total Caloric Intake and Estimated Maximal Oxygen Consumption in College-Age Women

Angela Koich, Riley Blythe  
*Gustavus Adolphus College*

**Kiosk: 22A**
Validation of the PRETIE-Q Against Measures Obtained from an Objective Physical Activity Monitor

Stephanie Lane  
*Elon University*

**Kiosk: 19B**
The Influence of Concussion History on Cognitive Performance

David Lawton  
*Elon University*

**Kiosk: 20C**
The Relationship Among Heat Cramps And Relative Weight Loss Of Collegiate Football Athletes During Pre-Season Training Camp

Scott Mangen, Jordan Becker  
*Gustavus Adolphus College*

**Kiosk: 18B**
The Effects of Passive and Active Warm-up on Hamstring Flexibility

Marietta Meuli, Lacey Ehnes  
*The University of Montana*
Poster Session 7

8:30 a.m. - 9:50 a.m., Saturday, April 17, 2010

Kiosk: 23C
You’re Good but Not Good Enough: Shifting Standards for Male Nurses
Candice Raymond, Sohalia Dadelahi, Tony Heintz, Jessi Smith
Montana State University, Bozeman

Kiosk: 23A
Vision in Action Strategies involving Experienced and Inexperienced Softball Umpires
Melissa Smith
University of Minnesota, Duluth

Kiosk: 20A
Acute Shoulder Injury in a Collegiate Football Player
Amanda Taylor
Western Carolina University

Kiosk: 19C
The Influence of Visual Attention on Balance Beam Performance
Laurel Urquhart Melanie Deutsch
Gustavus Adolphus College

Kiosk: 19A
The Impact of Parity on Physical Activity in Healthy Women
Natalie Van Tongeren
University of Utah

Kiosk: 17C
The Effects of Music, and Television on the 20 K time Trail Performance
Alicia Wheatley
The University of Montana

Kiosk: 24A
Ztherapies presents Massage, Health and Wellness
Jennifer Zimmerman
University of Montevallo

Linguistics

Kiosk: 1B
Neuroimaging of Word Processing in Bilinguals
Lisa Pyun
University of Maryland, College Park

Pharmacy and Pharmacology

Kiosk: 26A
Understanding the Mechanism of Nano-Zinc Oxide Toxicity in Colon Cancer Cells
John Griggs
University of Utah

Kiosk: 24C
Genetic Components of Chemotherapy Efficacy
Heather Harby
The University of Montana

Kiosk: 25A
Neural Stem Cells and a Potential Treatment for Parkinson’s Disease: Evaluating the Therapeutic Effects of a Novel Compound
Mario Pita
University of Central Florida

Kiosk: 25B
P-glycoprotein’s function in multiple drug resistance and its effect in improved pharmaceutical intervention
Scott Steiger
The University of Montana

Kiosk: 26B
Will Cation Binding in the G-quadruplex Cavity Lead to Enhanced Efficacy?
Matthew Weaver
The University of Montana

Kiosk: 25C
Synthetic modification and purification of a chiral piperazine headgroup
Benjamin Williams
The University of Montana

Philosophy

Kiosk: 4 A
An Evidence-Based Study of the Evolutionary Behavioral Sciences
Kara Cohen
University of Pittsburgh

Kiosk: 13C
Food Fads
Christopher Nelson
Utah Valley University

Kiosk: 27C
Few layer graphene crossed with tin oxide nanoribbons crossed for device and sensor applications
Katherine Carrasquillo
University of Puerto Rico

Kiosk: 29A
Solar Observations During Solar Minimum Using a Small Radio Telescope
Gary Forrester
Bridgewater State College

Kiosk: 28A
Filter Paper Based Disdrometer
Benjamin Fullerton
University of Nebraska, Kearney

Kiosk: 26C
East-West Asymmetry of Muon Flux in Nashville, TN
Sean Nomoto
University of Wisconsin-River Falls

Kiosk: 29B
The CSB/SJU All-Sky Camera
Joshua Novacheck
Saint Johns University

Kiosk: 28C
On the Nature of Infrared Microspectroscopy in vivo Biological Specimen
Matthew Rohr
University of Wisconsin-Milwaukee

Kiosk: 27A
Electrospun Tin Oxide Nanofibers Decorated with Ag Nanoparticles
Santa Joshua Robles
University of Puerto Rico
Poster Sessions

Poster Session 7

Kiosk: 28B
Multiple Lens Planes in Gravitational Lensing
Scott Schlef Bridgewater State College

Kiosk: 27B Ethanol, and Its relationship to accelerated wear and efficiency in SNRE’s
Kyle Smydra University of Nebraska, Kearney

Kiosk: 29C
The Polarizing Efficiency of Lyotropic Chromonic Liquid Crystals
Jeremy Stromer University of Nebraska, Kearney

Psychology

Kiosk: 31B Is Gist or Activation-Monitoring Responsible for False Memories in the DRM Paradigm?
Alexander Claxton Hamline University

Kiosk: 34B
Negotiations of Multiethnic Identity: Effect of Gender, Ethnicity, and Parental Involvement
Jennifer Derri Adelphi University

Kiosk: 30B
Influence of Marijuana Use on the Effects of d-Amphetamine
Sean Durkin University of Kentucky

Kiosk: 30C
Interactive Effects of Maternal Iron Deficiency and Fetal Alcohol Exposure on Neurobehavioral Outcomes in Weanling Rats
Sheffer Ellen East Carolina University

Kiosk: 32A
Measuring Sexual Empowerment
Amy Else The University of Montana

Kiosk: 39A Obese Women with Greater Impulsivity Show Reduced Executive Function Brain Activation During Delay Discounting
Kishinevsky Felix University of Alabama, Birmingham

Kiosk: 35C
Parent-Child Connections during a Cooking Activity: A Study of Guided Participation and Intersubjectivity
Lauren Finn Elon University

Kiosk: 36A Parental Problem Drinking and its Effects on Child Hypothalamic-Pituitary-Adrenal Axis Activity
Lisa Fioretti University of Kentucky

Kiosk: 33A
Motivational Factors Associated with Sport and Exercise
Kayla Gaulke University of Wisconsin-River Falls

Kiosk: 36C
Perceived Success and Gender Stereotypes in the Workplace
Kiley Gottschalk Hendrix College

Kiosk: 37B
Perceptions of the Dangers of Third-Hand Smoke
Ivy Hageman Peace College

Kiosk: 39C
Psychopathic Personality Traits, Family History of Substance Abuse and Somatic Markers: The Relationship to Risky Decision Making and Physiological Responses.
Allan Heritage Hamline University

Kiosk: 36B
Perceived Parental Investment and the Development of Future Parental Investment
Amanda Hoock, Joseph Coleman State University of New York, Brockport

Kiosk: 33B
Music’s Effect on Mood and Helping Behavior
Farren Huda, Jaden Ganser University of Wisconsin-La Crosse

Kiosk: 37A
Perceptions of Parent-Child Relationships and Coping in Emerging Adulthood
Paige Hurtig-Crosby Gonzaga University

Kiosk: 38B
Playing to the Crowd: How the Complexity of a Lie is a Function of its Strategic Goal
Andrea Kuenzli, Elizabeth Corrigan, James Michael The University of Montana

Kiosk: 38A
Playing the Ladybug Game Again: Changes in Children’s Numeracy and Parent Guidance Strategies Over Time
Sara Loving Elon University

Kiosk: 34C
Nutrition, Spirituality, and the Transtheoretical Model of Change
Abigail Mayer Miami University

Kiosk: 37C
Personal planners and personality: What can we tell about you from the dates that you keep?
Molly McGurk Miami University

Kiosk: 32B
Measuring the Intelligence of Human-Computer Teams
Lisa McManus Union College

8:30 a.m. - 9:50 a.m., Saturday, April 17, 2010
Poster Sessions

Poster Session 7

Poster Session 7  8:30 a.m. - 9:50 a.m., Saturday, April 17, 2010

Kiosk: 32C
Mothers’ and Fathers’ Guidance during Play with Preschoolers
Carly Price  Elon University

Kiosk: 35A
Object and Spatial Recognition in the Ischemic Gerbil
Cameron Robinson, John Old Elk  Montana State University, Bozeman

Kiosk: 38C
Problematic Alcohol and Marijuana Use and the Transtheoretical Model
Angela Sberna  Miami University

Kiosk: 31C
It’s Abuse
Michael Schilling, Brittney Wells, Sophia Whitehouse, Anna Kyaio  Capital University

Kiosk: 34A
Negative Childhood Experience and Problematic Eating
Hillary Schwab  Black Hills State University

Kiosk: 35B
OMG! Can Using My Cell Phone Lower My Grades? A Study of Correlations between Cell Phone Use and Academic Performance
Alec Shern  Saint Johns University

Kiosk: 31A
Intergenerational Transmission of Parenting Beliefs
Ann Stachowski, Bryan Blumlein  State University of New York, Brockport

Kiosk: 30A
Impulsivity and Its Association With Risky Driving Behaviors in Young Adults.
Charity Ward  Black Hills State University

Social Work

Kiosk: 24B
‘Suicide awareness, knowledge, and attitudes – LGBTQQIA (lesbian, gay, bisexual, transgender, queer, questioning, intersex, ally) students at the University of Kentucky’
Matthew Hufford  University of Kentucky

Kiosk: 33C
A Comparative Study of the Maternal and Child Health System and Status of the United States and Nepal
Sapana Upadhyay  University of Nebraska, Kearney

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Poster Session 8

Botany

Kiosk: 28A
One Small Branch on the Tree of Life: Assessing Marker Utility for Phylogeny Reconstruction in Perennial Spring Beauties
Jessica Allen  Eastern Washington University

Kiosk: 27C
Innovative Growing Containers May Potentially Expand Consumers Choice of Trees for Replacing Disappearing Ash Trees
Anthony Celley  University of Wisconsin-River Falls

Kiosk: 26A
Biochar Applied as a Soil Amendment for Fertility Improvement and Possible Carbon Sink in Welsh Soils
Ann Marie Fair  Weber State University

Kiosk: 27A
Evolution of Southern Hemisphere Clematis
Paul Galewski  University of Wisconsin-Milwaukee

Kiosk: 26C
Effects and feasibility of LED lights in commercial greenhouse chrysanthemum production.
John Letourneaux  University of Wisconsin-River Falls

Kiosk: 28B
Within- and between-generation effects of drought stress for leaf hair production and flowering time in Arabidopsis thaliana
Lydia Meador  Oklahoma State University

Kiosk: 26B
Disarming the Novel Weapons of Alliaria petiolata
Brian Pauley  University of Wisconsin-Eau Claire

Kiosk: 27B
Growth Inhibition and Antioxidant Properties of Aqueous and Methanolic Extracts of the Leaves from a Variety of Hosta Plants
Alhagie Tobb  Holy Family University

Business

Kiosk: 30B
The Economic Impact of Passive Load Reduction
Dustin Andre  University of Nebraska, Kearney

Kiosk: 29B
“Examining the human resource management practices of Brinker International Inc. and how these practices have contributed to the firm’s ability to expand despite unfavorable economic conditions.”
Hannah Armstrong, Parker Jacobs  Western Carolina University

Communications

Kiosk: 1C
My mother, my friend?: A Thematic Analysis of Turning Points in Mother-Daughter Relational Deterioration
Leah Garrett  Weber State University

Kiosk: 1B
International Perceptions of Global Communication
Alison Garza, Samantha Molnar  Hope College

Kiosk: 2A
Second language acquisition and motor learning: Applications to prosody and phonology
Elizabeth Peters  University of Northern Iowa

Kiosk: 1A
College Roommate: Friend or Nemesis?
Carol Tweten, Kristen Halley, Nathan Ellering  Concordia College, Moorhead MN

Computer Science

Kiosk: 2B
Parallel Algorithms and High Performance Computing with Multi-Core Machines
Cedric Carter  North Carolina Agricultural and Technical State University
Poster Session 8  10:00 a.m. - 11:20 a.m., Saturday, April 17, 2010

Kiosk: 4A
WeatherSeer: A Customizable Weather Radar Application
Nick Gewecke  University of Nebraska, Kearney

Kiosk: 3C
Roulette Game – Application of Modeling under Uncertainty
Richard Lilja  University of Wisconsin-Whitewater

Kiosk: 2C
Privacy Risks by Selecting Online Vendors: An Investigation
Octavia Nelson  Talladega College

Kiosk: 3B
Reliability Analysis for Software Product Line Architectures
Lindsay Stetson  Seattle University

Kiosk: 3A
Privacy Scrubber: A Program to Secure Private Data on Windows Computers
Michael Walker  Youngstown State University

Criminology

Kiosk: 4B
A Fingerprint Search Program Validation Study
Aaron Hall, Robert Ryberg  Utah Valley University

Kiosk: 4C
Death Behind Bars: An Examination of Inmate Mortality in Jail and Lockup Custody
Christopher Powell  Marquette University

Education

Kiosk: 8B
The Relationship Among Socioeconomic Status, Education, and Maternal Book-Sharing Practices
Allisa Blackburn, Jessica Shaw, Allisa Blackburn  Utah State University

Kiosk: 6C
The Society for Undergraduate Research, Scholarly and Creative Activities (SURSCA)
Ashley Graef, Felicha Colbeth  University of Wisconsin-River Falls

Kiosk: 6A
Statistical Reasoning & Thinking Summer Series
Catherine Graves  University of South Dakota

Kiosk: 6B
Succeed or Fail: An exploration of elementary school teachers’ perceptions of success and failure and how these perceptions translate into the classroom setting and onto their students
Torrey Hughes  Dominican University of California

Kiosk: 5A
Immigration and Higher Education Access
Ronell Jackson  University of Michigan

Kiosk: 9A
Understanding Why Hispanic Females in Utah Choose Not to Attend College
Nicolle Johnson  Utah Valley University

Kiosk: 7B
The African American Dream: A Progressive Discussion of Academic Achievement in African American Students
Martinque Jones  University of Texas, Austin

Kiosk: 7C
The Impact of Otitis Media with Effusion on Expressive Language Output in Infants and Toddlers
Aubrey Martin  University of Montana

Kiosk: 5B
Life & Loss: An Examination of How Teachers & Schools Can Help Children Develop a Lifelong & Healthy Relationship With Loss
Kaitlin Sessi  Dominican University of California

Kiosk: 7A
Survivor Guilt in the Academic Domain: An educational and psychological perspective
Jackson Wray  University of Arizona

Kiosk: 8A
THE LANGUAGE BARRIERS IN A CLASSROOM FOR FIRST GENERATION ENGLISH LANGUAGE LEARNERS
Thang Xiong  University of Wisconsin-Whitewater
Poster Session 8  
10:00 a.m. - 11:20 a.m., Saturday, April 17, 2010

**Environmental Sciences**

Kiosk: 31C  
Susceptibility of Residential Properties to Emerald Ash Borer, Agrilus Planipennis, in Whitewater, Wisconsin  
Katelyn Ludwig  University of Wisconsin-Whitewater

Kiosk: 32B  
Switching to solar energy at a university campus: preliminary analysis of the economic costs and environmental benefits  
Lawrence Nardi  Dominican University of California

Kiosk: 31B  
Stress Hormone Levels in White-Tailed Deer (Odocoileus virginianus) in High Versus Low Deer Density Areas  
Kayla Palyas  Saint Vincent College

Kiosk: 32A  
Sustainability in High School Curriculums: Changing Attitudes and Behaviors Through Education  
Elizabeth Roberts  Juniata College

**Finance**

Kiosk: 9B  
Market Reactions to the Adoption of FAS 157: An Examination of the Effects of Mandatory Disclosure in Illiquid Markets  
Stephen Rubino  Lafayette College

**Geology/Earth Sciences**

Kiosk: 33A  
Characterizing Organic Matter in Sediments of a Tropical Rift Lake  
Ryan Birkemeier  University of Minnesota, Duluth

Kiosk: 32C  
Apatite fission track dating of the eastern flank of the Queen Charlotte Basin, British Columbia  
Meilani Bowman-Kamaha’o  Occidental College

Kiosk: 34B  
Kinematics of Kalaye Escarpment, Northern Zambia: Providing International Research Experience for Students  
Ryan Jordan  Oklahoma State University

Kiosk: 34A  
Gastropods as Key Biological Indicators of Water Quality in South Eastern WI Watersheds  
Deanna Nickey  University of Wisconsin-Whitewater

Kiosk: 33B  
Determining the failure potential of Milltown Dam Overlook  
Matt/Kyle Ruskey/Durrett  The University of Montana

**Graphic Design**

Kiosk: 9C  
"Measuring creativity in musicians"  
Angela Miller  University of Minnesota, Twin Cities

**Literature**

Kiosk: 10A  
The Analysis of Mythological Allusions from Harry Potter and the Half-Blood Prince in Relation to Modern-Day “Muggle” Issues  
Sarah Khaddage  Virginia Commonwealth University

Kiosk: 10C  
Weighing The Confessions of Max Tivoli  
Joseph McGlenn  The University of Montana

Kiosk: 10B  
Andy Phelps  University of Wisconsin-River Falls

**Management**

Kiosk: 34C  
Business Development in Urban Communities  
Angel Ashley  University of Wisconsin-Whitewater

Kiosk: 36A  
Impact of Facebook in the Job Selection Process  
Thomas Henderson, Shawn Gust  Saint Johns University

Kiosk: 35C  
Generational Differences in the Workplace: The Impact of New Communication Technologies on Human Resource Management  
Cynthia Vencill  University of Nebraska, Kearney

Kiosk: 35A  
Diversity and Financial Success in Corporate America  
Kellee Wilbourn  University of Wisconsin-Whitewater

**Marketing**

Kiosk: 36B  
Measuring Alumni Engagement through Non-monetary and Monetary Giving  
Deidre Kiefer, Kelly Hawley, Robert Smith  Saint Olaf College
**Poster Session 8**  
10:00 a.m. - 11:20 a.m., Saturday, April 17, 2010

**Microbiology**

Kiosk: 39A Poxvirus A35 Gene Suppresses Immunity and Allows for Increased Viral Replication in Target Organs  
Tiffany Graham  East Carolina University

Kiosk: 38A Investigation of the correlation between viability and optimal oxygen demand of dormant Mycobacterium avium subsp. paratuberculosis  
Lauren Kinkead  Minnesota State University, Mankato

Kiosk: 36C  
Effect of Probiotic Escherichia coli on Antibiotic Treatment of Salmonella typhimurium  
McKenzie Oldham, Leslie Denson, Jeri Hampton, Jason Rignell  Weber State University

Kiosk: 38B  
Microbial Survey of West Texas Well Water in Relation to Storm Run-Off and the Influence of Migratory Birds  
Richard Roper  Lubbock Christian University

Kiosk: 38C  
Novel Immune Regulation by Poxvirus A35R: Improved Poxvirus Platform Vaccines  
Parteek Singla  East Carolina University

Kiosk: 38A  
The role of sigma factors in the activation of gene expression in the Lyme disease agent  
Brenn Stacey  The University of Montana

Kiosk: 37C  
Identification of novel anti-influenza drugs with potential resistance against pandemic strains  
Catherine Stevenson  University of Rochester

Kiosk: 37B  
Hydrogenobaculum Population Genomics  
Theodore Weatherwax  Montana State University, Bozeman

Kiosk: 39C  
The Stability and Infectivity of VHSV in a Post-Mortem Host  
Steven Zhang, Mrinalini Modak  Cornell University

**Molecular Biology**

Kiosk: 13A  
Regulation and Potential Role of microRNA let-7d in Epithelial Mesenchymal Transition (EMT) and Lung Fibrosis  
Giuseppe Delulius  University of Pittsburgh

Kiosk: 14A  
The Role of Insulin and Glucose Utilization in the Aging Brain: Causal Links to Type II Diabetes and Alzheimer’s Disease  
Laura Feder  University of Kentucky

Kiosk: 12A  
Mining the Borrelia Genome: A Search for Virulence Factors in the Causative Agent of Lyme disease  
Benjamin Gilboe  The University of Montana, Western

Kiosk: 14B  
Using Splice Junction Sequence Conservation to Amplify Zebrafish Exons  
Daniel Kretzschmar, Lance Gregorich  University of Wisconsin-Stout

Kiosk: 13C  
The l(3)7E103 gene is required for dorsal closure in Drosophila melanogaster  
Nancy Ann Little  University of Utah

Kiosk: 11C  
Malarial Parasite Infection and MHC Variability in the White Winged Junco  
Jess Moser  Black Hills State University

Kiosk: 13B  
The Interaction of Protein Arginine Methyltransferase 2 and Thyroid Hormone Receptor-a  
Meghan Reppen  University of Wisconsin-Madison

Kiosk: 12C  
Quantitative PCR Measurements Reveal Increased Expression of A Receptor Protein Tyrosine Phosphatase Following Neural Trauma  
Jasmine Sethi  University of California, San Diego

Kiosk: 11A  
Identification of Rift Valley fever virus nucleocapsid-host protein interactions  
Joshua Vogel  Stevenson University

Kiosk: 11B  
Identifying the Lentiviral Vif-Binding Region in Primate APOBEC3F Proteins  
Jessalyn Weaver  Hamline University
Poster Session 8

10:00 a.m. - 11:20 a.m., Saturday, April 17, 2010

MV5C and AHU-F: Novel Sulfolobus spp. from Central American Volcanic Hot Springs
Jeffery Zwicker  The University of Montana

Music

The Social and Economic Impact of the South Dakota Arts Council’s Artist in the Schools Program
Jami Buttke  University of South Dakota

Women Composers in Europe and the United States
Virginia Carlson  University of Wisconsin-River Falls

An Examination of the Attitudes Towards Online Music Sharing and Downloading
Alex Durante, Nicholas Pepe, Andrew Herschman, Derek Little  The College of New Jersey

The Effects of Community Drum Music on Anxiety and Academic Performance in Teenagers
Meganne Moore  Weber State University

The Concept of Breathing
Jordan Warfield  University of Wisconsin-River Falls

The Effects of Specialized String Instruction on a High School String Ensemble
Nashira Young  University of Wisconsin-Milwaukee

Jack Stamp: The Man behind the compositions
Nikki Zeleny  University of Wisconsin-River Falls

Nutrition and Food Science

The Effects of Green Tea Supplementation on Subjects with Metabolic Syndrome
Morgan Kinsey  Oklahoma State University

Emergency Meal Packets
Allison Strand  University of Wisconsin-Stout

Occupational Safety and Health

Reducing Manual Materials Handling Injuries Associated with the Building and Construction Trades
Kenneth Brocker  University of Wisconsin-Whitewater

Effect of stone dust on lung and lung function tests of stone quarry workers in Sri Lanka
Nishan Gunaratna, Madushan Jinadasa, T.D.P Tharanga, PD Wijerathne, K.A.N Lankathilake  University of Colombo Sri Lanka

Ergonomics at the Workdesk of Utah Valley University Employees
Chris Wigginton  Utah Valley University

Psychology

The Effects of Perceived Risk and Temperament on Frequency of Casual Sex
Gregorio Coronado  Weber State University

The Effects of Subgroup Stereotype Priming on Behavior
Melanie Morse  Hendrix College

Social Work

Birth Order and its Relation to Personality
Heather Bonnell  Hope College

Milk and Medicine Research: A Program for Orphans and Vulnerable Children in Zambia
Bethany Braaksma  Hope College

Is America Starving?
Michael McLamb  Western Carolina University

Jean Neal  University of Wisconsin-Oshkosh
# Poster Sessions

## Poster Session 8

### 10:00 a.m. - 11:20 a.m., Saturday, April 17, 2010

| Kiosk: 20C | Relational Competency Among Teen Parents | Angela Sielicki, Kimberly Moran, Troy Spielmann | University of Wisconsin-Milwaukee |
| Kiosk: 25B | Who Are the Unclaimed Dead? | Shytiererra Gaston | Indiana University - Purdue University |
| Kiosk: 23C | The Relationship between Gender & Perceived Body Image | Courtney Hendrickson, Krista Lau | University of Wisconsin-Stout |
| Kiosk: 21B | The Attitudes of Male Inmates Towards Recidivism | Adam Kaiser | University of Wisconsin-Stout |
| Kiosk: 21C | The Attitudes of Parents toward Assimilation of Their Internationally Adopted Child | Candice Maier, Tarisa Helin | University of Wisconsin-Stout |
| Kiosk: 23B | The Relationship between Childhood Obesity & Competitive Foods from the Elementary Teacher Perspective | Andrea Nesbitt, Cami Polfuss | University of Wisconsin-Stout |
| Kiosk: 21A | Texting and the Family | Denise Rice | University of Nebraska, Kearney |
| Kiosk: 24B | The Virgin of Guadalupe: The Catholic and Syncretic Face of the Aztec Goddess Coatlicue | Maria Rodriguez | University of Wisconsin-Whitewater |
| Kiosk: 25A | Trust & Reciprocity: The Social Capital of Runaways | Tra-Linn Scott | Westminster College |
| Kiosk: 22C | The impact of health insurance on college students' lives | Emma Jo Severson, Julia Johnson | University of Wisconsin-Stout |
| Kiosk: 23A | The Prevalence of Eating Disordered Behaviors Amongst College-Aged Women | Kelsey Siverling, Katie Borschke | University of Wisconsin-Stout |
| Kiosk: 24A | The Super Charger Try: Securing a New Chargers Stadium | Brigit Stadler | Montana State University, Bozeman |
| Kiosk: 22B | The Factors That Influence College Students' Attitudes Towards Homosexuality | Megan Thornwall, Meghan Lehman | University of Wisconsin-Stout |
| Kiosk: 22A | The College Male Perspective on Unexpected Pregnancy | Marie Walters, September Barebo | University of Wisconsin-Stout |

### Studio Art

| Kiosk: 25C | Painting the Town, Inside and Out | Kurt Coppersmith | University of Utah |
# Performing and Visual Arts Sessions

## Session 1

**Thursday, April 15, 2010**

### 1.35 Studio Art Gallery of Visual Arts
- **8:40-9:00 a.m.** An Artistic Study of Conceptual Reality  
  Robert D’Almeida  
  *The University of Montana*
- **9:00-9:20 a.m.** Blind Communication  
  Amber Prouty  
  *The University of Montana*
- **9:20-9:40 a.m.** Legacy  
  Shane Sorensen  
  *The University of Montana*
- **9:40-10:00 a.m.** The Viewmaster project: Portraits of Common Objects  
  Kathryn Hilmer  
  *The University of Montana*

### 1.36 Studio Art UC Art
- **8:40-9:00 a.m.** Formation of Identity  
  Katherine Cain  
  *The University of Montana*
- **9:00-9:20 a.m.** Measuring Life  
  Mara Vinton  
  *The University of Montana*

### 1.37 Studio Art UC Lounge
- **8:40-9:00 a.m.** Missing 3 Ways, Low and Slow  
  Jose Chavez  
  *The University of Montana*
- **9:00-9:20 a.m.** Opportunity  
  Kendra McKlosky  
  *The University of Montana*
- **9:20-9:40 a.m.** Out Beyond Ideas  
  Jennifer Bardsley  
  *The University of Montana*

### 1.38 Music Music 105
- **8:40-9:00 a.m.** Repetition, Seduction, Anxiety, Despair;Berlioz’s “Symphonie Fantastique” as Anticipatory of Kierkegaard’s “Philosophy of Actuality”  
  William Pomeroy  
  *Salisbury University*
- **9:00-9:20 a.m.** Sequences, Chromaticism, and Linear Movement in a Chopin Polonaise  
  Hannah Price  
  *Appalachian State University*
- **9:20-9:40 a.m.** Students as Teachers: The Effects of a Student-Run Music Tutoring Center  
  Johanna Albrecht  
  *Appalachian State University*

### 1.39 Music Music Recital Hall
- **8:40-9:00 a.m.** “Je te l’abandonne!” The Transformation of E.T.A. Hoffmann’s tale “Die Geschichte von verloren Speigelbilde” into Jacques Offenbach’s Enigmatic Opera, Les Contes d’Hoffmann  
  Melissa Gross  
  *University of Kentucky*

## Session 2

**Thursday, April 15, 2010**

### 2.41 Studio Art UC 330
- **1:30-1:50 p.m.** Beauty is Pain: A Mixed Media Exploitation  
  Argieline Mitra  
  *Jacksonville University*
- **1:50-2:10 p.m.** Clay As Canvas: Reimagining the Potential of the Ceramic Surface  
  Paula Traut  
  *College of Saint Benedict*
- **2:10-2:30 p.m.** Drawing a Dew Drop: Connecting the Dissimilar through Imagery  
  Ellen Schroeder  
  *Xavier University*
- **2:30-2:50 p.m.** EXPERIMENTAL HYDRAULIC FORMING  
  Gretchen Yeo  
  *University of Wisconsin-Whitewater*

### 2.42 Studio Art UC Lounge
- **1:30-1:50 p.m.** ARTIFICIAL HUMANITY: A SERIES OF MONOPRINTS  
  Jenna Zavala  
  *Xavier University*
- **1:50-2:10 p.m.** Artistic Appetite  
  Amy Sturtevant  
  *Salisbury University*
- **2:10-2:30 p.m.** Ceramic Furniture: Southern Culture and Personal Memory.  
  Kenneth Adams  
  *Jacksonville University*
- **2:30-2:50 p.m.** Conceptual Process: A Contemporary Investigation of Encaustic Painting  
  Jason Adams  
  *University of North Carolina, Asheville*

### 2.44 Music Music 105
- **1:30-1:50 p.m.** Sunrise, Sunset: Fiddler on the Roof as an allegory of Women’s changing roles in the 1960s  
  Susannah Cragwick  
  *The University of Montana*
- **1:50-2:10 p.m.** TEACHING RUSSIAN REPERTOIRE TO AMERICAN STUDENTS  
  Yelyzaveta Shpileyko  
  *The University of Montana*
- **2:10-2:30 p.m.** Teaching Technique with Musicality: The Need for Clear Pedagogical Methods When Teaching Beginning Percussion Students  
  Evan Small  
  *Elon University*
Performing and Visual Arts Sessions

Session 3    Thursday, April 15, 2010

3.42    Studio Art UC 330
3:00-3:20 p.m.  Heoric Anit-Hero’s
Cynthia Sullivan   Jacksonville University

2:45    Theater/Drama Masquer Theater PAR/TV
1:30-1:50 p.m.  BREAKING THE CODE: PRACTICAL
APPLICATION OF THE KATHERINE J. FARMER
SEMIOTIC MODEL
Wendy Gourley   Utah Valley University

2:46    Dance    PAR/TV Open Space
1:30-1:50 p.m.  Women in Dance: Overcoming Objectification
and Subordination
Brigid Gillis   State University of New York, Brockport

1:50-2:10 p.m.  AN OTHER PEACE: AN INTEGRATED APPROACH
TO MENTAL AND EMOTIONAL WELL-BEING
Ashley Hannan   Utah Valley University

2:10-2:30 p.m.  Butoh Reflects Japanese Culture
Nichol Christensen   Utah Valley University

2:30-2:50 p.m.  Gender and Kathakali: Is the “Essence” of
Femininity enough?
Megan Wiltshire   The University of Montana

3.43    Studio Art UC Lounge
3:00-3:20 p.m.  Correct?
Devin LaSarre   North Central College

3:20-3:40 p.m.  Germ Warfare and Contemporary Art
Emily Fray   University of Toledo

3:40-4:00 p.m.  Investigation of Casting Slip in Conjunction with
Wire and Paper Armatures
Nicole LaMere   University of Wisconsin-Whitewater

4:00-4:20 p.m.  Silver-Coated Insects: Concept and Perception
Meghan LaPointe   University of Wisconsin-Whitewater

3.45    Music    Music 105
3:00-3:20 p.m.  The Arab Influence on Spain’s Music
Amy Teutenberg   University of Wisconsin-Whitewater

3:20-3:40 p.m.  The Golden Age: An Examination of American
20th Century Flute Literature
Christen Beckstrand   College of Saint Benedict

3:40-4:00 p.m.  The Mountain Electroacoustic Laptop Ensemble:
A Workshop on Structured Improvisation
McBride Clint, Andrew Saltzman, Phil Maher,
Aaron Minnick, Tommy Perts, Geoffrey Schuler
The University of Montana

4:00-4:20 p.m.  The Role of the “not so solo” tuba in the Vaughn
Williams Concerto for Bass Tuba and Orchestra
Keegan Watson   Appalachian State University
### Performing and Visual Arts Sessions

#### Session 4

**Friday, April 16, 2010**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.46 PM</td>
<td>Music Recital Hall</td>
<td>Classical Composition influenced by Progressive Rock</td>
<td>Christopher Everingham</td>
<td><em>The University of Montana</em></td>
</tr>
<tr>
<td>3:00-3:20 PM</td>
<td>3.46 PM</td>
<td>Christian Harmony: A 19th Century Tradition in the 21st Century</td>
<td>Nicholas Gatts</td>
<td><em>Western Carolina University</em></td>
</tr>
<tr>
<td>3:20-3:40 PM</td>
<td></td>
<td>Christmas Behind Barbed Wire: Two Polish Szopki from Holocaust</td>
<td>Cynthia Dretel</td>
<td><em>Moravian College</em></td>
</tr>
<tr>
<td>3:40-4:00 PM</td>
<td></td>
<td>SG: Christmas Behind Barbed Wire: Two Polish Szopki from Holocaust</td>
<td>Cynthia Dretel</td>
<td><em>Moravian College</em></td>
</tr>
<tr>
<td>3.47 PM</td>
<td>Theatre/Drama</td>
<td>Masquer PAR/TV</td>
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<tr>
<td>3:00-3:20 PM</td>
<td>3.47 PM</td>
<td>Joseph Smith Jr.</td>
<td>Tia Kuran</td>
<td><em>The University of Montana</em></td>
</tr>
<tr>
<td>3:20-3:40 PM</td>
<td></td>
<td>Marat/Sade : Découvert</td>
<td>Elizabeth Cook, Laura Neill</td>
<td><em>University of Northern Iowa</em></td>
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<tr>
<td>3:40-4:00 PM</td>
<td></td>
<td>Martial Combat Misrepresentation in Media</td>
<td>Jesse Fister</td>
<td><em>The University of Montana</em></td>
</tr>
<tr>
<td>3.48 PM</td>
<td>Dance</td>
<td>PAR/TV Open Space</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:00-3:20 PM</td>
<td>3.48 PM</td>
<td>Modern Dancers Awareness of Proper Pelvic Alignment</td>
<td>Emilee Newell</td>
<td><em>Utah Valley State College</em></td>
</tr>
<tr>
<td>3:20-3:40 PM</td>
<td></td>
<td>Paul Taylor’s Black Tuesday and the Great Depression</td>
<td>Fiona Nelson</td>
<td><em>Utah Valley University</em></td>
</tr>
<tr>
<td>3:40-4:00 PM</td>
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<td>Pendet Temple Dance: A Gateway to Balinese Culture</td>
<td>Faith Morrison</td>
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#### 4.43 PM

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<td>UC Lounge</td>
<td>Structure: Chaos</td>
<td>Christopher Allen</td>
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<td>Kelly McConigal</td>
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<td>Understanding Perception and Aesthetic Value of the Interiors of</td>
<td>Megan Seifried</td>
<td><em>University of North Carolina, Asheville</em></td>
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<td>Common Devices through the Process of Drawing</td>
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<td>Contemporary Society: Changing the Concept and Identity of Jewelery</td>
<td>Alison Bailey</td>
<td><em>University of Wisconsin-Whitewater</em></td>
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#### 4.46 PM

| Music 105  | The XpresStic; Construction of a New Computer Music Controller       | Aaron Minnick                      | *The University of Montana*             |
|           | Vocal Jazz for the Classical Singer                                  | Mary Ann Thornton                  | *The University of Montana*             |
|           | Wolfgang Amadeus Mozart and Prague: An Unlikely Combination          | Kelly Bylica                       | *Valparaiso University*                 |
|           | Charles Ives’s Fourth of July: History in Music                      | Stevens Corey, Amelia Baran        | *Ithaca College*                        |

#### 4.47 PM

<table>
<thead>
<tr>
<th>Music Recital Hall</th>
<th>Computers in the Music Industry: A Critical Look at Technology’s Effect on Artistic Integrity</th>
<th>Rebecca Lauter</th>
<th><em>Western Carolina University</em></th>
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<tr>
<td>8:30-8:50 AM</td>
<td>Exploring Deconstruction In Music</td>
<td>Jennifer Starler</td>
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<td>8:30-8:50 AM</td>
<td>Fiddling Traditions of the Toe River Valley</td>
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<td>8:30-8:50 AM</td>
<td>Free Masonry and Mozart: A Look at the Simple Woman</td>
<td>Courtney Allen</td>
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<td>8:30-8:50 AM</td>
<td>The Actor and the Tattoo : Worst Enemies to Best Friends</td>
<td>Rebecca White</td>
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| 4.48 PM | Theatre/Drama | Masquer PAR/TV | William Ritter | *Western Carolina University* |
Performing and Visual Arts Sessions

8:50-9:10 a.m. The Visions of Women Created by Three Major Female African American Playwrights of the Twentieth Century: Georgia Blanche Douglas, Lorraine Hansberry, and Suzan-Lori Parks
Lizandra Lopes Bridgewater State College

9:10-9:30 a.m. When Hell Freezes Over: The Underworld of Sarah Ruhl’s “Eurydice”
Laramy Applekamp The University of Montana

9:30-9:50 a.m. Postcards From Life
Julie Marie Muskat, Joshua Haines, Kayla Harley, Brandi Breshears, Scott Holdridge Dominican University of California

4.49 Dance PAR/TV Open Space
8:30-8:50 a.m. Remembrances: An Abstract Exploration of the Past
Jessica Moore, Stacia Sleight State University of New York, Brockport

8:50-9:10 a.m. Robert Rauschenberg: American Pop-Artist, Painter, ...Choreographer?
Stacia Sleight State University of New York, Brockport

9:10-9:30 a.m. Wish - A Dance Exploring the Tibetan Pilgrimages
Haiya Zhang University of Wisconsin-River Falls

9:30-9:50 a.m. Dance through the Lens of Neurology:
Improving Audience Attraction
Kristin Arredia, Rachel Mitchell North Central College

Session 5 Friday, April 16, 2010

5.45 Studio Art UC Lounge
10:00-10:20 a.m. Cover Your Eyes: Considering Empathetic Response in Reviewing Visual Art Conveying Trauma
Rebekah Frank Texas State University-San Marcos

10:20-10:40 a.m. Gender Reflection
Shelby Sand University of Wisconsin-River Falls

10:40-11:00 a.m. Interpreting Children’s Stories: Sculptural Depictions of Fables, Parables, and Tall Tales
Lily Lovins Xavier University

11:00-11:20 a.m. Noise on Our Landscapes: A Series of Screenprints
Jake Ferry Xavier University

5.49 Music Music Recital Hall
10:00-10:20 a.m. From a Step in Harlem: A Musical Exploration of the Poetry of Langston Hughes
Alyssa Baty The University of Montana

10:20-10:40 a.m. Mozart and the Flute
Traci Kutzeb The University of Montana

10:40-11:00 a.m. Mozart to Mendelssohn: The Evolution of the Violin Concerto
Catherine Williams Appalachian State University

11:00-11:20 a.m. Music is Worth More Than 99 Cents: Mapuche Music’s Significant Link to its Cosmovision
Sara Zanussi Luther College

Session 6 Friday, April 16, 2010

6.44 Studio Art UC Lounge
2:30-2:50 p.m. Public Art Intervention: Activating Democracy
Broc Blegen University of Minnesota, Twin Cities

2:50-3:10 p.m. The Essence of Landscape
Cheyenne Mallo University of Wisconsin-River Falls

3:10-3:30 p.m. Unified Image Transfer to Multifaceted Ceramic Surface
Bill Pariso University of Wisconsin-Whitewater

3:30-3:50 p.m. Holocaust Commemoration: From the Present to the Past
Julie Champlin, Lauren Bartshe Hendrix College

6.47 Music Music Recital Hall
2:30-2:50 p.m. Music of the Ottoman Empire: An Exploration of the Makam System
Matthew Ahrens Bridgewater State College

2:50-3:10 p.m. Music Theory: The Musical Elements that Give Life to Lyrics
Alyssa Gillikin Western Carolina University

3:10-3:30 p.m. Pablo Elvira: La Voz de Barítono under the Big Sky
Joseph Licitra The University of Montana

3:30-3:50 p.m. Playing Like a Girl: An Analysis of the Role of Gender in Trumpet Performance
Leslie Aboud University of Northern Iowa
Lazzaro Andrea 06.15
Leach Raymond P3 30B
Leach-WickAlexandra P5 30C
LeBlanc Tanisha 03.50
Lebron Franchesca P4 34B
Leckie Elizabeth P3 30C
Ledford Dustin 06.43
Ledvina Cassandra P5 31C
Lee Brittany P2 17B
Lee Ji Yoon P5 39B
Lee Juyhun 02.15
Lee Paul 04.09
Lee Tommy O1.40
Leech Bethany O7.17
Leech Kelly P5 26B
LeFevre Janice 05.29
Leffler Andrew 03.07
Legg Cyrus 03.13
Leguillu Jaysiska P4 20A
Lehman Meghan P8 22B
Leiderman Stephanie 06.28
Leigh Nicholas P4 14A
Leipold Tania O6.46
Leonard Amanda P1 33C
Leonard Maureen P2 29C
Lerner Joan 01.68
Leserra Ashly 03.50
Letourneaux John P8 26C
Lewandowski Kevin P3 36B
Levinson Michael O8.09
Leverentz Cortney P3 38A
Levesque Amanda O6.53
Levinson Michael O6.09
Lewandowski Kevin P3 36B
Lewis Alexander O1.18
Lewis Allen Michael P1 20B
Lewis Dana 02.03
Lewis Jacqueline O5.24
Lewis John O1.18
Lewis Korey O5.24
Lewis Sydney O5.39
Li Daphne P7 1A
Li Xia P3 10C
Liberati Bernard P6 31B
Licitra Joseph O6.47
Liedl Max 05.36
Liegold Chantal P6 15C
Lifton Sam FAN 1.2
Lifton Samuel P6 5B
Lightfoot Laura O2.51
Liktor William O5.38
Li Ji P3 26B
Li Xi P6 31B
Lichtenfels P6 8B
Lindea Joseph O6.47
Lindbergh Samantha P3 88
Linder Samantha P2 48
Lindquist Nicholas P2 31A
Lindsey Kaneakualoha 03.13
Lin Er P3 10C
Lingle Carrie P2 4C
Linn Timothy P4 30C
Linne Keith P2 278
Linstrom John O2.32, 03.33
Lithio Andrew P3 30A
Little Derek P8 14C
Little Morgan O2.37
Little Nancy Ann P8 13C
Little Samantha O4.52
Littrell Danielle DP7.1
Liu Mengfei P2 5C
Liuzzi Anthony 02.28, 06.32
Livingston Stephen 03.13
Liz Jordan O6.17
Lockshin Emefah P1 27C
Loch Kyle O7.13
Locken Allen 02.14
Lockwood Amanda 05.04
Loftus Patrick 01.03
Lohmeyer Edwin O4.36
Lombardo Krista O6.06
Long Shannon 06.6C
Lorrins Ashley P5 22B
Lopes Lizaunda P4.48
Lopez Gabriel O8.02
Loporx Kyle O5.41
Lopez Maria O8.22
Loper Sergio O7.35
Lora Jesse O5.53
Lord Spencer O3.51
Lorenz Hope O6.51
Lorenzo Cristina O2.12, 03.11
Los Cristina P1 28C
Los Mona P1 34A
Lott Megan O6.07
Lou Xiaoying P2 7B
Loun Laura O2.01
Loveless Angela O4.37
Loving Sara P7 38A
Lovins Lily O5.45
Lowe Andrea P1 1A
Lowe Brodie O1.14
Lowman Nathaniel O1.39
Loya Bradon P2 22C
Lozano Valentina P1 37B
Ludwig Katelyn P8 31C
Lund Emily O2.10
Lundblad Erica O6.17
Lunde Erin O1.23
Luney Jessie O3.17
Lyden Tim FAN 1.2
Lykkseth Jonathan P2 38B
Lynn Emma O6.43
Lynn Conley 02.26
Lynn Samantha O5.46
Lysak Matthew O5.12
Macedo Nikole O7.34
MacGregor Melissa O3.39
Macleod Jennifer P6 29B
MacKenznie Jennie P2 39A
Mackenzie Austin O3.30
Maddox Jessica O7.36
Maftei Melissa P5 23A
Magana Adam P5 33A
Magazu Eric O1.14, DP7.2
Mageni Zawadi P6 23C
Mahdi Meriem O1.31
Maher Maggie O4.52
Maher Philip O3.45
Mahoney Jacob P2 10A
Mai Minhuyen DP5.1
Maidla Richard 05.15
Maier Candice P8 21C
Malama Kehauanen 03.28
Malla Samiridhi O4.18
Mallo Cheyenne O6.44
Malmberg Jeremy O5.08
Maloney Kurt P4 18B
Maloney Lisa P5 29A
Maly Matthew O1.11
Man Tran 06.21
Mangen Scott P7 20C
Manges Kirstin P1 13C
Manigault Alexandre P1 19C
Mann Jessica O3.38
Manning Alaina 07.11
Mansoor Mauren 05.23
Mansor Mauren O4.42
Mapp Jeremy 05.52
March Madison O7.25
Marchace Allison P3 37B
Marchille Kate O8.12
Margot Sean 08.10
Mariotti Jadon O3.22
Marinica Alexander O7.02
Marino Elise O6.11
Marin Kyle O5.14
Marney Ronald O6.19
Marone Michael P7 10B
Marshall Gordon 04.41
Marshall Taneka P6 18A
Martin Aubrey P8 7C
Martin Louis P4 16A
Martin Lydia O5.23
Martinez John O7.35
Martinez Lara 08.24
Martinez Priscilla O4.23
Martinez Pagan Karen O6.49
Mason Daniel P4 16B, P4 18A
Mason Ki-Al P1 41B
Massarelli Nicole P3 27A
Masse Laura P5 33C
Matea John FAN 1.4
Matta Shambo P6 30C
Mattson Jens P5 29C
Matthews Tracey O1.25
Matthews Angelica P3 34A
Matthews Alyssse P4 4A
Maturlich Phillip O7.19
Maurer Alexandra O4.04
Mayer Abigail P7 32B
Mayerhofen Tim P6 7A
Mayman David O3.49
May-Shinagle Gabby O6.10
Meadra Mary Kay O5.30
McCall Andrew O4.33
McCampbell Darcey O7.21
McCarl Christine P4 11B
McCarthy David O8.23
McCarthy Shame P7 18A
McClary Matthew O2.05
McClirell Maranda P3 37C
McClung Kimberly O6.27
McColough Kade O5.15
McCouvell Kaitlyn O5.13
McCormack Garrett P4 35A
McCorvey Jessica O4.38
McCoys Matthew 08.04
McCune Melanie O6.45
McDaniel Steven P4 17C
McDermott Sara P4 30B
McDonald Circe O6.34
McDaniel Steven P4 17C
McMillian Jacob P6 18A
Madden Alejandro P3.38
McGill Mariah P3 33C
McGinness Chantelle 02.03
McGlen Joseph P8 10C
McGonigal Kelly O4.43
McGregory John O7.17
McQuire James P5 29C
McGurr Molly P7 37C
McIntire Connor P3 4C
McIntosh Hadley P1 27A
McKay Tyler P8 24C
McKerns Kendra O1.37
McLamb Michael P6 19C
McLane Lisa P5 8C
McLaughlin Rebecca O3.35
McManus Lisa P7 32B
McMillan Jacob O6.33
McMurchie Alex O3.40
McNair Jenna O3.30
McNary Brenda O3.31
McNeil Kyle O6.05
McShane Dylan O8.28
McShane Dylan O7.32
McShane Dylan O7.33
Meade Michael O4.29
McVey Allison P1 33B
McVey Allison O7.19
Meador Lydia P8 28B
Mecwan Marvin O3.14
Meggs Carrie O1.34
Mehood Mustafa P1 29B
Meisel Cayly O3.41, 04.16
Meja Christian P2 35A
Melby Elizabeth O2.32
Melica Selamawet P7 1A
Meloney Andrew O6.48
Melusky Michael O5.25
Mench Marilyn P4 3C
Meno Nathan O6.34
Meros Amy O6.32
Merrell Elizabeth O8.03
Merritt Angela O5.27
Merten Zachary P3 10B
Mervolo Stephanie O5.49
Mesches Katelyn O5.15
Messen Komi O4.07
Messick Joshua O2.36
Messer Erick P5 35C
Metropoulos Jon O7.37
Meuli Marietta P7 18B
Meyer Katherine O4.45, 05.26
Meyer Sarah P6 10A
Michael James P7 38B
Mickell David P6 18A
Mickle Kristyn P5 26B
Micklat Chris Lorenzo O4.19
Milan Alexandra O7.32
Milano Alyssa P5 15A
Miles Benjamin O2.09
Miles Jalisia O2.13
Miller Angela P8 9C
Miller Christina P3 32A
Miller Daniel O6.35
Miller Samantha P6 27B
Mills Brandon O8.05
Mills Naa Koshie O5.22, 05.25
Millward Allison P3 13A
Milton Jamie O6.10
Minors Alina O3.08
Minckler Maxwell O3.32
Minar Kyle P6 30B
**Index by Institution**

<table>
<thead>
<tr>
<th>Institution</th>
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<td>St Clair Shakima</td>
<td>P5 10C</td>
<td></td>
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<tr>
<td></td>
<td>Victor Blandine</td>
<td>P5 7B</td>
<td></td>
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</tr>
<tr>
<td>Beloit College</td>
<td>Symanietz Kevin</td>
<td>O4.22</td>
<td></td>
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</tr>
<tr>
<td>Berry College</td>
<td>Hoover Jessica</td>
<td>O5.34</td>
<td></td>
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</tr>
<tr>
<td>Black Hills State University</td>
<td>Bandalos Cara</td>
<td>O8.20</td>
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<tr>
<td></td>
<td>Bauerly Aaron</td>
<td>O4.28</td>
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<tr>
<td></td>
<td>Burggraft Justine</td>
<td>O3.28</td>
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<td></td>
<td>Burnett Crystal</td>
<td>O7.19</td>
<td></td>
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<tr>
<td></td>
<td>Diede Nathaniel</td>
<td>P5 30B</td>
<td></td>
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<tr>
<td></td>
<td>Engel Brian</td>
<td>O7.24</td>
<td></td>
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<tr>
<td></td>
<td>Gibson Gabriel</td>
<td>O2.28</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Hankerson Heidi</td>
<td>P5 30A</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hellekson Jim</td>
<td>P5 33B</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hotz Monika</td>
<td>O8.22</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>McDonald Joshua</td>
<td>O3.22</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Montieth Brett</td>
<td>P6 20A</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Moser Jess P8 11C</td>
<td>O4.29</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Nelson Samantha</td>
<td>O7.26</td>
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<tr>
<td></td>
<td>Quinn Shanna</td>
<td>O3.32</td>
<td></td>
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<tr>
<td></td>
<td>Reiter Benjamin</td>
<td>O4.29</td>
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<tr>
<td></td>
<td>Sauter Ava P2 40A</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Schwab Hillary</td>
<td>P7 34A</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sheets Jordan</td>
<td>O8.22</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Stampe Brian</td>
<td>O8.23</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bowling Green State University</td>
<td>Biksackcy Lauren</td>
<td>O2.24</td>
<td></td>
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<tr>
<td></td>
<td>Bryan Allison</td>
<td>P4 18C</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cain Alyssa</td>
<td>P6 27C</td>
<td></td>
<td></td>
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<td>Cook Kate</td>
<td>O5.41</td>
<td></td>
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<tr>
<td></td>
<td>Cosgrove Maureen</td>
<td>O2.23</td>
<td></td>
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<td></td>
<td>Didion Jeremy</td>
<td>P7 3B</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Donahue Thomas</td>
<td>P2 41B</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Reed Andrew</td>
<td>O6.27</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Vazquez Jessica</td>
<td>P5 38C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bridgewater State College</td>
<td>Ahrens Matthew</td>
<td>O6.47</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Bousquet Amy</td>
<td>O3.26</td>
<td></td>
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<tr>
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<td>Bruolley Melissa</td>
<td>P2 1C</td>
<td></td>
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<td>Cabral Liza-Anne</td>
<td>O5.40</td>
<td></td>
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<td></td>
<td>Canha Mary</td>
<td>O2.54</td>
<td></td>
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<td>Collishaw Kathleen</td>
<td>O5.21</td>
<td></td>
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<td></td>
<td>Colon Mabel</td>
<td>O4.21</td>
<td></td>
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<td></td>
<td>Cooper Angel</td>
<td>O8.26</td>
<td></td>
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<tr>
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<td>DeMello Ashley</td>
<td>O6.11</td>
<td></td>
<td></td>
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<tr>
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<td>Dineen Jessica</td>
<td>O3.38</td>
<td></td>
<td></td>
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<tr>
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<td>Flint Adriann</td>
<td>O1.30</td>
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<td>Forrester Gary</td>
<td>P7 29A</td>
<td></td>
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<td>Galanis Allison</td>
<td>P6 11C</td>
<td></td>
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<td>Guzman Lisa-Marie</td>
<td>O2.38</td>
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<td>Hall Taylor</td>
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<td>Hurley Ashley</td>
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<td>Keeley Daniel</td>
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<td>Macedo Nikole</td>
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<td>Mahdi Meriem</td>
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<td>Mann Jessica</td>
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<td>McLaughlin Rebecca</td>
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<td>Moore Jr Jeffrey</td>
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<td>Morgan Stefanie</td>
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<td>Olsen Katelyn</td>
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<td>Pugsley Jaclyn</td>
<td>P4 34B</td>
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<td>P7 28B</td>
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<td>Ray Amanda</td>
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<td>Briggs Shawnita</td>
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<td>Marshall Taneka</td>
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<td>Miles Jalissa</td>
<td>O2.13</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| brukmanduin enter reback to the top

211
Index by Institution

Brigham Young University
Baker Mary O7.18
Darsow Eric O6.49
Dunstan Adam O6.16
Jackman Corinne O6.52
Rushton Patricia FAN 1.3

Cabrini College
Cusmiani Matt O2.08
Gogno Neil O2.08
Higgins Lauren O2.08
Lewis Dana O2.03
Phillips Melissa O2.08
Rosica Amanda O2.08
Stanley Heather O2.03

California State Polytechnic University, Pomona
Kumar Ravin O6.15
Bramson Pavilina O5.12
Cuny Blair P2 42C
Davidson Lynnette O3.38C, O7.09
Dee Alex O5.12
Doyle Megan P2 42C
Jaladoni John P3 38C, O7.09
Jones Jacob P2 42C, P3 38C, O7.09
Lysak Matthew O5.12
Nygard Sara O5.12
Pehrsson Denise P2 42C
Thurairajah Alahaswaran O7.13

California State University Channel Islands
Farach Gaby O1.10
Kee Kimmy O7.09
O’Leary Gaby O1.10
Vasquez Jessica O1.10
Villalobos Bianca O1.10
Watson Kelly O1.10
Welsh Allison P3 38C, O7.09

California State University, Fresno
Thompson Johnathon O7.08

California State University, Los Angeles
Scott Alison O1.02

California State University, Monterey Bay
Benz Ben O3.15
Villa Enrique P1 17A

Capital University
Becker Mackenzie O8.26
Breznicki Helen P3 15C
Cheevers John Kerry FAN 2.4
Downs Janet P2 21B
Eldersma Tiffiny P3 9C
Kyaio Anna P7 31C
Lanning Michael P3 9C
Mescher Katelyn P3 15C
Mitchell Audrey O4.35

O’Shaughnessy Katherine O3.9C
Schilling Michael P7 31C
Stadler Jennifer O4.47
Thiery Megan P3 9C
Tonsette Kelly O5.42
Webb Michelle O2.54
Wells Britney P7 31C
Whitehouse Sophia P7 31C
Yoho Rachel O1.03

Carroll College
Blankenstein Kellie O5.54

Carthage College
Eigner Amanda O2 24B
Hertie Stephanie P2 21C
Mageni Zawadi O6 23C
Miller Samantha O6 38B

Case Western Reserve University
Fischione Andrea P6 5A

Central Connecticut State University
Bednarz Sheri O2.11
Elliott Laura O2.25
Golder Keenan O5.08

Central Michigan University
Brooks John O4.32

Central Washington University
Griffin Pearl O1.21
Hagen Mikaela O8.14

Cerritos College
Carroll Jessica O7.27
Koya-Adako Isaac O4.18
Kwon Julia P3 25B
Turpin Alina O4.30

Childrens Hospital Los Angeles
Sullivan Shea O2.03

The City College of New York, CUNY
Hwang Hyeondo P5 3B
Monte Patrick O1.43
Powanda Nor O4.22
Salmeron Lili O1.18
Shin Ko O4.20

Clark Atlanta University
Westy Ka’Laun P6 21B

Coe College
Thihier Nicole O7.15

Colgate University
Counter Max O5.39
Davey Elyse O3.06
Dunn Nicole O2.07
Etinger Justin O8.31
Furutani Lea O2.40

Connecticut College
Linder Samantha P2 4B
Taylor Kelsey P2 4B

Cornell University
Modak Mininali O4.04, P8 39C
Monroe Anthony O6.05
Nguyen Kim-Yen P1 22B
Zhang Steven O4.04, P8 39C

CUNY - Brooklyn College
Robinson Larry O1.39
Dixie State College of Utah

van der Watt Nadia 01.15

Dominican University of California

Andrews Angelina P3 12C, P7 2B
Anlag Jannika P3 3B, P3 14B
Armes Phillipa 02.55
Balagot Arthia P5 7C
Beltran Marlen 02.18
Betigia Christopher P3 12C
Block Jeremy 08.13
Breshers Brandi 04.48
Bright Lindsey 05.43
Brito Carmen 02.18
Calling Gabrielle P7 40A
Campi Elizabeth 07.31
Cardenas Claire 04.28
Cardenas Rosebelle 07.30
Castaneda Daisy 04.51
Castner Jaime 08.25
Colteaux Benjamin P6 8A
DePond Margaret 08.18
Ferguson Ashley P5 23C
Fleming Leaigh 01.41, 04.40
Grant Christen P3 10A
Goricki Katherine P6 7C
Gutierrez Mark P3 14B
Haines Joshua 04.48
Harley Kayla 04.48
Harris Janelle 08.33
Hill Mark 08.19
Hilton Leighann 08.18
Holdridge Scott 04.48
Huezo Stephanie P3 10A
Hughes Torrey P6 6B
Jimenez Rebecca P3 14B
Khan Arzina P5 7C
Klein Loren P7 13B
Kraner Jeremy P7 1C
Leung Vanessa 07.28
Lewis Sydney 05.39
Lightfoot Laura 02.51
Lillard Jennie Alice 03.32
Luzzi Anthony 02.28, 06.32
Maffei Melissa P5 23A
McDonald Circe 06.34
McMurchie Amy 03.40
Miranda Allyssa 01.15
Morales Vanessa P5 7C
Morse Sierra 04.50
Moss Nicole P3 14B
Muskat Julie Marie 04.48, 06.22
Nardi Lawrence P8 32B
Nicholl-Lewandowski Nora 08.15
Organist Paul-Michael P7 2A
Perry Kristyn 04.02
Phan Han 05.50
Ponton Giselle P3 12C
Ramirez Domingo 01.25
Ramirez III David P3 3B
Ridpath Robyn 08.21
Rivera Nicholas 06.33
Rodriguez Ariana P3 14B
Rubin Ashley P7 40A
Ruddell Mahala 05.27
Ryan Anne 03.36
Sadacca Rachel 03.31
Salabasheva Ana 03.56, P3 14B
Sessi Katlin P8 5B
Spain Diara P3 3B
Standridge-Folsom Cosette 02.18
Taylor Leslie P5 21C
Tsui Iris 04.51
Tucker Maryah 07.36
Umali Kathleen P3 14B
Urso Chappell 04.50
Witte Walker 03.39
Wycoff Eulalia 05.50

Dordt College

Boone Kiley P4 22C
Veldkamp Joel 04.24

Duke University

Dathan Anupama 05.53
Sypek Alexis 04.25

East Carolina University

Blackburn Jacqueline 04.51
Brooks Baylus 01.19
Ellen Sheffer P7 30C
Graham Tiffany P8 39A
Ravindranathan Deepak 01.07
Roome Megan 04.51
Singla Parthek P3 38C
Thalhammer Sarah 03.02

East Tennessee State University

Thomas Jesse 03.09

Eastern Illinois University

Bolokowicz Andrew P4 24C
Cler Alex 06.49
Dallas Nicole 05.52
Hampton Mara 02.51
Henderson Kathryn 02.11
Hisanaga Ayaka 05.10
Hursey Molly 05.52
Larson Caroline 05.40
Ledvina Cassandra P5 31C
Lorenz Hope 06.51
Niemyer Stephanie P6 26B
Payea Matthew P2 12C
Pescitelli Stephani P2 22B
Pisceki Lisa P6 24C
Roy Heather 04.37
Trainor Kathleen 07.36
Wolf William 05.13

Eastern Washington University

Allen Jessica P8 28A
Anderson Olin P7 5A
Annable Marcus P1 25A
Arieno Marcus P7 6C

Edinboro University of Pennsylvania

Dines Samuel 05.50
Keener Kelly P6 35A
Sayers Tiffany P6 35A

Elizabeth City State University

Whidbee Jeremy 07.03

Elmhurst College

Littrell Danielle DP7.1
Pirazzini Kaia P2 25A

Elon University

Bleam Ryan 08.11
Brown Amanda 02.12
Costigan Molly 04.21
Decker Anna 01.41
Diemer Andie 07.38
Douglas Timothy P4 25A
Finn Lauren P7 35C
Folsom Katrina 07.06
Frederick Jordan 03.31
Hixon Robert P4 25B
Hopkins Kate 08.31
Kay Alexandra P3 18B
Kennison Amanda 06.33
Index by Institution

Lampley Leigh P5 34C
Lane Stephanie P7 22A
Lawton David P7 19B
Little Morgan 02.37
Lovelace Angela 04.37
Loving Sara P7 38A
Lyons Conley 02.29
McGreavy John 05.07
McNair Jenna 03.30
Meyer Katherine 05.26
Milan Alexandra 07.32
Morriss Phoebe 08.23
Morrison Taylor 05.11
Mottle Lauren 03.26
Pasquinelli Sara 06.26
Price Carly P7 32C
Raimondi Sierra 07.14
Ramer S. Angela 03.15
Rawlings Nichole 04.44
Schipper Janet 01.01
Schillings Kristin P5 22A
Serdy Patricia 03.10
Small Evan 02.44
Stackhouse Kathryn 02.02
Stevenson Erin 07.27
Strayer Molly 07.03
Sypek Kirby 03.52
Varner Arwen 03.29
Vavreck Sarah 02.51
Wall Clementine 05.17
Williams Hannah 01.30

Emory University
Ali Moiez P2 1A

Fisk University
Clarke Edwina P4 15A
Tillman Kimberly P1 26B

Florida International University
Diaz Haydn O1.26
Giordano Florencia O5.22
Leipold Tania O6.46

The Florida State University
Francois Joery 07.16

Frostburg State University
Evans Hashim 01.09

Furman University
Barnhill Andrew 08.16
Boykin Clayton P1 2A
Cone Lindsey P4 28A
Erdmann Jessica P4 28A
Ethridge Jason 02.45
Johnson Christina 02.43
Perry Dwayne P4 28A
Tackett Rachel 08.14
Thompson Lauren 01.17
Yu Doris P4 31B

Georgetown University
Paige Chelsea 03.21

Gettysburg College
Bray Jennifer 03.27
Cook Joseph 05.31
Deen Andy 06.54
Flynn Kathleen 03.29, 08.21
Flynn Sarah 02.31
Haas Katherine 04.16
Harrison Samuel 04.29
Meros Amy 06.32
Santangelo Katherine 08.33
Tevlin Cheryl 05.32
Williams Gwendolyn 08.33

Gonzaga University
Cloke Ryan 02.07
Hurtig-Crosby/Paige P7 37A

Goshen College
MacGregor Melissa 03.39
Yoder Leah 03.39

Grand Valley State University
Genovese Lisa 01.08
Michel Elliot 03.08
Steinbach Tracy 08.06

Grinnell College
Fan Yuyang 03.05
Fleck Alissa 05.33
Hsieh Ivy 06.04
Preston Ross 03.33

Gustavus Adolphus College
Arnold Sheila P2 28A
Austad Mark P7 17B
Baumann Ashley P3 11B
Becker Jordan P7 20C
Blyth Riley P7 21A
Busiahn Lydia P5 25C
Carney Jillian P2 31A
Cichowski Katherine P2 28C
Deutsch Melanie P7 19C
Dove Becky P3 11B
Fraser Horton P7 17B
Halvorsen Jennifer P2 26C
Janzig Heidi P7 18C
Jones Vanessa P4 32C
Koich Angela P7 21A
Kolstad Stephanie P2 28A
Lindquist Nicholas P2 31A
Linne Keith P2 27B
Mangen Scott P7 20C
Matties Angelica P3 34A
McGill Mariah P3 33C
O'Brien Kelly P3 34B
Poon Jennifer P3 11B
Peters Natalie P4 32C
Rakishya P2 9A
Williams Gwendolyn 08.33

Hamline University
Alfaro Loren 02.30
Atwater Alicia 02.25
Barr Terrill 02.27
Brake Bradley 01.32
Brunton Sara 04.38
Cici Matthew 01.34
Claxton Alexander P7 31B
Dougherty Laura P3 13C
Edmunds Rebecca 08.13
Ericson John P1 30A
Gagne Carrie 07.24
Glissmann Rachel 04.26
Gorkhali Rakishya P2 9A
Harris Adam 02.16
Heritage Allan P7 39C
Hollenkamp Bethany 06.33
Huskinson Kimberly 01.22
Johnson Adrienne 06.30
Khoury-Hanold William 07.04
Korinek Micah 02.33
Lampfer Natalie 08.33
Langer Etta 01.21
Langer Etta 07.26
McCarty David 08.23
Melfa Selamawit P7 7A
Moffet Mikayla 08.22
Monson Benjamin P7 9C
Moscowitz Brianna 07.25
Nelson Andrew 06.21
Oehrlein Amanda P1 27C
Park Young Shin 07.32
Perry Kristin 02.37
Plouff Abbie 07.18
Schrall Adrian 07.24
Schutter John 04.35
Shovein Zachary 01.20
Stallman Caitlin 04.20
Wallace Matthew 08.11
Walter Jeff 08.05
Warnes Andrew 02.27
Weaver Jessalyn P8 11B
Wegscheid Naomi 08.12
Wetschka Krista 01.24
Zagoria Adam 06.38
Zimmerman Stephanie 05.44

Hampton University
Sherrill Sequoyah P6 2A

Hartwick College
Brady Victoria 06.18
Dimant Daniel 03.16
Dooley Sean 06.17
Liz Jordan 06.17
### Hendrix College

<table>
<thead>
<tr>
<th>Name</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assaf Lara</td>
<td>03.19</td>
</tr>
<tr>
<td>Bartshe Lauren</td>
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### Indiana University of Pennsylvania

<table>
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<tr>
<td>Belsky Deanna</td>
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<td>Strein Andrea</td>
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### Indiana University, South Bend

<table>
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### Ithaca College

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### ITT-Tech Institute - Albany, NY

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### Indiana State University

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### Henry Ford Community College

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### Hope College

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### Humboldt State University

Shook David 07.08

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### Indiana State University

Asante Winfred P3 21A
Blackgrove Tiffany P3 19B
Gaddy Anna 07.02
Gaston Shytiera P8 25B
Hankins Trancia P6 24B
Jordan Patricia P1 15A
Pratt Andrew P2 4A
Index by Institution

James Madison University
Battaglia Anne P1 4B
Bradley Matthew O4.05
Danzig Brittany P1 4C
Galway Allison O3.56
George Kelly P1 5A
Hardcastle Joseph O6.09
Hensley Winston O4.09
Herge Nicholas O1.08
Kroon John O5.09
Phillips Jennifer P1 5B
Weber Kelly O6.26
Wiggins Patrick P1 5C
Willis Christopher O5.09

John Brown University
Cooke James O2.25
DeFriese Jesse O4.42
Greenlee Jonathan O8.18
Jurca Brittany O2.54
Mullison Kendra O3.31
Neff Kristie O5.52
Nuss Emily O2.25
Seader Lindsey O2.55
Szczerpanik David O2.36
Wulf Kristen O7.20

Johns Hopkins University
Overley Nicole O4.38

Johnson C. Smith University
Bounthion Brittany P1 8C
Cadet Perpetue P1 8C

Juniata College
Bailey Matthew P2 5A
Baker Michael O4.35
Bunce Ashton O2.02
Cutshall Cole O6.48
Dennehy Paul P2 5A
Drake Dustin O7.35
Edgerton Jared O5.38, O6.37
Farbaugh Gregory O6.14
Frederick Amidia O5.07
Glesk Ivan O6.14
Hilliard Kristie P3 3C
Hnatuck Jennifer O6.48
Karkoska Kristine O1.01
Keserich Andrew O7.35
Kilbride Gregory O6.14
Lopez Sergio O7.35
Martinez John O7.35
Meloney Andrew O6.48
Meruelo Stephanie O5.48
Rea Bennett O6.24
Rekoski David O2.34
Roberts Elizabeth P8 32A
Roth Douglas O6.14
Shontz Phillip O6.48
Spadafora Adam O7.35
Tundel Johnathan O7.35
Yamamoto Takako P7 13A
Zinobile Tiffany O6.48

Kapiolani Community College, University of Hawaii
Aldan Thomas Jessie P2 34C
Alstad Jason P6 29B
Boomla Sherine DP3.3
Cockett Patricia P6 14A
Daud Christian O3.13
Foulk Patra P5 16C
Griffith Jeff P1 1B
Johnson Dana P1 1B
Kwon Youngsu P7 14A
Legg Cyrus O3.13
Lindsey Kanekawa P3 34C
Myashiro Andrew P4 38B
Nguyen Hoang-Yen P2 34C
Pham Andy O3.13
Shimakuburo Corey O3.13

Kennesaw State University
Mitchell Benjamin P4 13B

Kenyon College
Karpilow Quentin O7.28

Lafayette College
Abdulla Anam O2.17
Adelman Michael O7.13
Bellantoni Michael O5.19
Bochner Laura O6.08
Clark Banks O4.36
DeCamp Paul O5.39
Dimitrov Ivan O6.25
Fisher Clara O3.19
Greenfield Lindsey P1 42C
Hilbig Bridget P3 18A
Islerwood Jennifer O7.10
Leigh Nicholas P4 14A
Malla Samridhhi O4.18
Minckler Maxwell O3.32
Nardone Evan O1.14
Rincio Claudia O4.18
Rubino Stephen P8 9B
Shoemaker Jeffrey P2 18C
Wnuck Stephanie P3 26B
Yan Xing O5.19

Lamar University
Burnes James O4.07
Paris Beverly O3.52

Lee College
Dorsett Betsy O4.34
Grubb Vesta O8.20
Moseley Samuel O4.34
Vega Daisy O7.30

Liberty University
Miller Daniel O6.35

Long Island University
Cabibbo Tracy O7.25
Celeste Alane O3.32
Dawkins Alanna O5.53
Fuh Katherin O4.05
Fuchs Bella O2.02
Gauthier Colette O4.03
Gordon Rebekah O2.23
Gorella Theresia O2.16
Guiuerez Ana O6.07
Martinez Lara O8.24
Oo Zin O8.02
Smith Ian O8.25
Wallace Christopher O6.07

Longwood University
Honey Daniel O4.13

Louisiana State University, Baton Rouge
Cazenave Ross O5.15
Maidla Richard O5.15
McCollough Kade O5.15
Thomason Tyler O5.15

Lubbock Christian University
Adair Jennifer O1.25
Butler Katharine O2.53
Roper Richard P8 38B
Stow Edwin P5 27B
Vander-Plas Stephanie P3 2B

Luther College
Best Tyler O5.17
Carr Maria P1 13B
Fuller Laura O1.21
Garvens Bonnie O1.02
Hanson Julie O1.02
Hayakawa Koji O4.23
Jipp Jacob P1 12C
Leffler Andrew O3.07
Lunde Erin O1.23
Manges Kirstin P1 13C
Mans Kelsey O5.23
Nelson Heather P1 13A
Reed Brandon O4.18
Sushikumar Karishma O4.17
Wilcox Daniel O1.29
Zanussi Sara DP1.1, O5.49

Macaulay Honors College at Hunter College, CUNY
Blondell Daniel O3.34
Eng Christopher O4.40
<table>
<thead>
<tr>
<th>Institution</th>
<th>Name</th>
<th>Year</th>
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<td>Flocken Sarah O5.32, O5.33</td>
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<tr>
<td>Griffin Kathryn P4 11C</td>
<td></td>
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<tr>
<td>Jackson Christopher O6.51</td>
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<tr>
<td>King Erik O3.03</td>
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<td>LaPorte David O1.16</td>
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<td>LaRose Alexander O8.14</td>
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<td>Leung Nicole P3 15A</td>
<td></td>
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<tr>
<td>McNary Brenda O3.31</td>
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<tr>
<td>Meggs Carrie O1.34</td>
<td></td>
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<td>Mitchell Julian O5.34</td>
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<td>Moore Chelsea O2.20</td>
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<tr>
<td>Murphy Madison O6.43</td>
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<td>Park Sharon DP 4.4</td>
<td></td>
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<td>Paulsen Mark O5.06</td>
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<td>Quinn Molly O4.29</td>
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<td>Rutledge Elisabeth P7 11A</td>
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<td>Shore Evan P5 39C</td>
<td></td>
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<td>Vaughn Dorian P5 39C</td>
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<td>Wax Amy P5 39C</td>
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<td>Yajian Anahid O1.25</td>
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<tr>
<td>Zhou Zhengyi O3.17, O6.13</td>
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<td><strong>Ohio Northern University</strong></td>
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<td><strong>Ohio State University</strong></td>
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<td>Mookerjee Priyanka O8.20</td>
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<td>Nichols Lindsay P8 17B</td>
<td></td>
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</tr>
<tr>
<td><strong>Oklahoma State University</strong></td>
<td></td>
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<td>Hallmark Alesia P6 31A</td>
<td></td>
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<td>Jordan Ryan P8 34B</td>
<td></td>
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<td>Kelley Dalton P1 36B</td>
<td></td>
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<tr>
<td>Kinsey Morgan P8 17C</td>
<td></td>
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<td>Meador Lydia P8 28B</td>
<td></td>
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<td>Mock Andrew P1 20A</td>
<td></td>
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<td>White Lauren O3.04</td>
<td></td>
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<td><strong>Ottawa University</strong></td>
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<td>McMillian Jacob O6.33</td>
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<td><strong>Pacific Lutheran University</strong></td>
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<td>Kzmarzick Rebecca O5.07</td>
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<tr>
<td>Linde Alayna O5.07</td>
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<tr>
<td><strong>Peac College</strong></td>
<td></td>
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<tr>
<td>Dellinger Ashley O5.12</td>
<td></td>
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<tr>
<td>Freeman Abry O6.31</td>
<td></td>
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<tr>
<td>Hagerman Ivy P7 37B</td>
<td></td>
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</tr>
<tr>
<td>Lilley Stephanie O2.28</td>
<td></td>
<td></td>
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<tr>
<td>Lopez Maria O8.22</td>
<td></td>
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<tr>
<td>Olney Alexandra O7.26</td>
<td></td>
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<tr>
<td>Rous Lauren O1.10</td>
<td></td>
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<tr>
<td>Smith Mary O7.09</td>
<td></td>
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<tr>
<td>Zullo Kimberly O4.04</td>
<td></td>
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<tr>
<td><strong>Penn State Erie, The Behrend College</strong></td>
<td></td>
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</tr>
<tr>
<td>Benson Azelin P1 25B</td>
<td></td>
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<tr>
<td>Boyle William P7 8B</td>
<td></td>
<td></td>
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<tr>
<td>Hoermann Olivia P7 8A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yungwirth Kathleen P7 5B</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kristufek Samantha O2.07</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Maloney Kurt P4 18B</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Pander James P4 14B</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Penn State University</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Moore Jacob O8.04</td>
<td></td>
<td></td>
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<tr>
<td><strong>Pontifical Catholic University of Puerto Rico</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cruz Rosa Jaiman P3 14C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Malave Jennifer Claudio P3 14C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rivera Britzy P6 30A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Torres Gomez Karylsa P3 14C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Providence College</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Burchett Luke O4.52</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chen Ye O5.51</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Morisi Krista O3.50</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Radford University</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Booth Jason P6 33C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Randolph College</strong></td>
<td></td>
<td></td>
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<tr>
<td>Allen Kathyne O7.05</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Poudyal Rosha P6 04.03</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pyakurel Poojan P6 04.04</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Shrestha Rebika P6 04.06</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

218
### Index by Institution

#### Rhodes College and St. Jude Childrens
- Shedden Brittney O2.43
- Jenkins Emily O2.43
- McCune Melanie O6.45

#### Ripon College
- Simpson Celena O1.28

#### Rockhurst University
- Horn Elizabeth DP1.3
- Manning Alaina O7.11
- Morokuma Keiji DP1.3
- Parvanov Vencislav DP1.3
- Powers Jeanette O3.08

#### Roger Williams University
- Levinson Michael O8.09
- Nguyen Thy O5.14
- O’Hear Patricia O5.14
- Trimbach Henry O8.09

#### Rutgers School of Arts and Sciences
- Thompson Caitlin O3.52

#### Rutgers University
- Chen Mingyu O6.18
- Gordonov Simon P2 16C
- Shah Pratik O2.15
- Sharma Amy P6 20B
- Skalenko Kyle DP2.2

#### Sacramento State University
- Thomas Brittany-Arpel O2.38

#### Saint Johns University
- Bach Melissa P3 4C
- Beck Matthew O6.50
- Cherrico Joel O1.37
- Duff Nick P8 24C
- Gust Shawn P8 36A
- Henderson Thomas P8 36A
- Iversen Jeremy O8.09
- Kent Elizabeth P3 10B
- Mayerhofer Tim P6 7A
- McIntee Connor P3 4C
- Merten Zachary P3 10B
- McKay Tyler P8 24C
- Novacheck Jhosua P7 29B
- Nusbaum Kurtis O4.13
- Pollard Jenna P3 4C
- Schwieters Michael P6 34C
- Shern Alec P7 35B
- Tulloch Alastair P3 4C

#### Saint Olaf College
- Flaaten Benjamin P3 29C
- Frazee Alyssa P5 22B
- Hawley Kelly P8 36B
- Kiefer Deidre P8 36B
- Langholz Benjamin P3 30A
- Lithio Andrew P3 30A
- Loomis Ashley P5 22B
- Matson Jens P3 29C
- Petersen Ashley P5 22B
- Roetker Nicholas P3 30A
- Smith Robert P8 36B

#### Saint Peters College
- Chitrakar Alisha P3 9A

#### Saint Vincent College
- Boland Mary Regina P3 5C
- Pahyas Kayla P8 31B

#### Salisbury University
- Aisamah Gifty P5 25B
- Audley Robert O4.24
- Brown Stacy O5.12
- Brown Tina P5 25B
- Davis Charles O5.02
- Ekundayo Oluwadamilola P5 25B
- Etzel Kristen O3.37
- Fitzpatrick Christopher O5.20
- Francios Solange P5 25B
- Gebhardt Timothy O7.23
- Gray Charles O2.17
- Hall Simon O7.06
- Haney Lindsey O3.19
- Horn Dashelle O4.31
- Kopishke Lauren O5.20
- Langton Courtney O8.32
- Marney Ronald O6.19
- Massarelli Nicole P3 27A
- Messick Joshua O2.36
- Parker Zachary P4 5A
- Pomeroy William O1.38
- Protzko Ryan P2 13A
- Reyes Alexandra O6.39
- Schlehofer Michele P5 25B
- Steele Lindsey O8.19
- Sturtevant Amy O2.42
- Willoughby Amelia O4.24

#### Salish Kootenai College
- McDonald Katie O2.08

#### Samford University
- Franklin Sarah O6.52
- Welty Morgan O6.52

#### Seattle University
- Abrahamson-Richards Teresa 03.44
- Barnard Wynn O8.17
- Bayuga George O6.21
- Burruss Kathryn O2.24
- Cumberland Sharon FAN 1.3

#### Harvey Hayden O8.26
- Hericks Allison O3.27
- Holt Emily O2.29
- Kecskes Mariska O8.17
- Munitke Junya P3 15A
- Muul Kerstil O7.06
- Osborne Kevin P3 24C
- Petukhova Vera O3.44
- Rinkel Amanda O3.30
- Rolston Hannah O2.22
- Sheils Natalie O7.11
- Skogerbøe Kristen FAN 2.4
- Stetson Lindsay P8 3B
- Suleiman Nicole P6 15B
- Sullivan Michael P3 21C
- Tran Loan P4 19C
- Van Nuiland Michael P6 14C
- Weidner Christina O4.25
- Whidbey Christopher O2.35, O7.05
- Wykowski Margaret O6.41
- Youngquist Lindsey P5 8B

#### Seton Hill University
- Knobloch Leah P3 15B
- Seranko Anthony P5 24A

#### Shippensburg University
- Davis Elisabeth O7.21

#### Southern Polytechnic State University
- McGinness Chantelle O2.03

#### Southern Polytechnic State University
- Garcia Courtney O8.05
- Hubin Timothy FAN 1.2

#### Spelman College
- Brown Denette P2 35B
- Flowers Rebekah P2 35C
- Jackson Asia O6.06
- Subramanian Jayla O1.07

#### St. Edwards University
- Venegas Leon O8.01

#### St. Marys College of California
- Diaz Gabrielle P7 9B
- Flint Lindsay P7 4C
- Nenzel Michelle P4 21B

#### St. Norbert College
- Richards Jessica O7.35
- Schneider Cyle O2.49
- Steiner Kevin O3.17

#### State University of New York, Brockport
- Anderson Ian O3.05
- Babb Vanessa O7.16
- Blumlein Bryan P7 31A
- Byrnes Matthew O5.14
- Coleman Joseph P7 36B
- Edgell Rebekah O8.01
Index by Institution

State University of New York, New Paltz:
- Fox Kathleen O1.13
- Marone Michael P7 10B
- Slivko-Bathurst Heather O1.13

State University of West Georgia:
- Pandolfi Kayleigh P5 17B

Stetson University:
- Hermann Tyce P2 7A

Stevenson University:
- Griffith Leah P3 17C
- Vogel Joshua P8 11A

Stony Brook University:
- Tucci Andrew P5 34B

Susquehanna University:
- Basti Michael P4 9B
- Becker Amie P4 5B
- Bohman Krisy P4 8A
- Cicioni Jessica P4 8A
- Closter Caitlin P4 9B
- Cobun Heather O5.24
- Connors Kaitlyn P4 9A
- Fathel Siobhan P4 10A
- Gardner Margaret P4, 9B, P4 9C
- Gilbert Brian O3.22
- Kerns Aileen P4 8A
- Kohler Neil P4 7C
- Lawrence Elizabeth P4 4C
- Los Cristina P1 28C
- Matthews Alyse P4 4A
- Melusky Michael O5.25
- Mench Marilyn P4 3C
- Mulepati Nabin P6 32B
- Petrunak Elysse P4 5C
- Procopio Rachel P4 8A
- Rosenzweig Jenna P4 6A
- Smith Chelsea O5.2B
- Snyder Kristin P4 8B

Talladega College:
- McDonald Mesha P5 05.05
- Nelson Octavia P8 2C

Texas A and M University, Kingsville:
- Alvarado Erica O5.35
- McEwin Arielle O6.53
- Rodriguez Kimberly O2.10
- Villanueva Miriam P4 01.20

Texas State University-San Marcos:
- Frank Rebekah P4 05.45
- Narioka Kosaku P7 07.32

Texas Tech University:
- Faulk Katelyn P5 17B
- Gulley Phillip O5.24
- Hannon Trevor P4 37C
- Jones Gilbert P4 57.47
- Loya Bradon P2 22C

Transylvania University:
- Edge Joshua O3.20

Trinity University:
- Jensen Philip P6 31C
- Maly Matthew O1.11
- Swords Cameron O4.13
- Welch Aaron O1.12

Tulane University:
- Yee Christina P4 36B

Union College:
- Akoon Anil O5.19
- Barringer Daniel P1 23B
- Brown Lauren P1 35B
- Camille Mor O1.17
- Eastman Rachel P2 9B
- Fagin Thomas O1.22
- Fidel Rivka O2.05
- Gallo Krystle O2.15
- Haider Moosa O6.18
- Hopkins Veronica P5 36B
- Lopez Kelly O5.41
- McManus Lisa P7 32B
- Meyer Katharine O4.45
- Miles Benjamin O2.09
- Nunez-Bibby Alexandria O6.40
- O’Connor Kathleen P3 4B
- O’Hern Patrick O7.01
- Russo Michelle P3 38B
- Simeone Alyssa O6.02
- Tureck Kimberly O2.10
- Yergeau Sarah O1.43

United States Military Academy:
- Barton Thomas O3.12
- Hickey Patrick O2.14
- Hoover Monte O1.11
- Kimmit John O3.13
- Renggli Alois O1.12
- Schafer Joseph O1.11
- Steele Michael O2.13
- Sullivan Kyle O3.12
- Webber Kristopher O2.13
<table>
<thead>
<tr>
<th>University of California, San Diego</th>
<th>University of California, Riverside</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of California, Davis</td>
<td>University of California, Los Angeles</td>
</tr>
<tr>
<td>University of Central Florida</td>
<td>University of Central Lancashire (UK)</td>
</tr>
<tr>
<td>University of Chicago</td>
<td>University of Evansville</td>
</tr>
<tr>
<td>University of Florida</td>
<td>University of Georgia</td>
</tr>
<tr>
<td>University of Hartford</td>
<td>University of Houston - Downtown</td>
</tr>
<tr>
<td>University of Kentucky</td>
<td>University of Maryland, College Park</td>
</tr>
</tbody>
</table>

**United States Naval Academy**
- Baker Kaitlin 04.14
- Gobble Michael 03.13
- Gregorian Dro 07.12
- Iiams Jeffrey P3 22B
- Lazzaro Andrea 06.15
- Leckie Elizabeth 01.12
- Margot Sean 08.10

**University of Alabama**
- Boardman Wilson 06.50
- Dover Laura 06.50
- Shirley Erin 06.50

**University of Alabama, Birmingham**
- DeAndrade Mark P6 8C
- Kishinevsky Felix P7 39A
- Talbot Logan 06.23
- Woods Natalie 06.20

**University of Alaska**
- Bajada Nicholas P5 11A
- Brundage Cord P3 8C, P5 11A, P6 12A
- Cartagena Carla P6 12A
- Golub Michael P7 38A
- Harrod Bronwyn P4 23C
- Irving Brita P1 24B
- McLane Lisa P3 8C
- Taylor Barbara P6 12A

**University of Arizona**
- Wray Jackson P8 7A

**University of California, Davis**
- Baig Saif P3 24A
- Bolin Michael 04.28
- Hu Keja P6 36B
- Nayak Avinash 04.14
- Rutaganira Florentine P7 9A
- San Jose Nicole 04.15

**University of California, Los Angeles**
- Baweja Abinav 01.06
- Cha Yuseb 08.14
- Gu Sophia 08.21
- Hamilton Henry 03.44
- Cohn Jenae 03.29
- Man Tiffany 06.21
- Moore Benjamin 04.22
- Putler Rosemary P6 16A
- Truong Carrie DP5.2
- Xu Kathleen P5 18C
- Yuen Ming Chak Wilson 04.24
- Zhang Lillian 01.05

**University of California, Riverside**
- Carillo Jorge P1 31C
- Juarez Andrew P1 31C
- Kandah Ruby P1 31B
- Leung Jacob P1 31C
- Lopez Gabriel 08.02
- Patil Akshay 08.02

**University of California, San Diego**
- Amin Ramina 01.05
- Clark Danielle 08.29
- Li Daphne P7 1A
- Ornelas Tiffany P5 18A
- Sethi Jasmine P8 12C

**University of Central Florida**
- Biscardi Paul 06.54
- Carey Amelia P6 28B
- Godwin Aaron P5 20B
- Noll Alexander P4 39C
- Palmeira Matthew 02.44
- Pita Mario P7 25A
- Prutt Marcus 08.28
- Restrepo Christina P5 22C
- Stein Sabrina 05.25

**University of Central Lancashire (UK)**
- Andrews Sally P1 41C
- Brightman Michael P8 6C
- Harris Rebecca P5 38A
- Matia Shambo P8 30C
- Morris Rochelle 06.28
- Pope Ryan P4 32A
- Rooper Claire P5 35B
- Sahotra Nikhil 04.06
- Stokes Christine P4 08
- Taylor Katrina P3 16C

**University of Chicago**
- Osborne Appledene P3 4A

**University of Colombo (Sri Lanka)**
- Gunaratna Nishan P8 18A
- Jinadasa Madushan P8 18A
- Lankathilake K.A.N P8 18A
- Tharanga T.P. P8 18A
- Wijerathne PD. P8 18A

**University of Evansville**
- Dillman Adam P6 1B
- Fordyce Erin P6 25C
- Fotsing Kombo Eddy Frank 05.19
- McNeil Kylie 06.05
- Murillo Michael P7 3A
- Nolting Kristen 02.05
- Stinnett Jennifer 03.36
- Thompson Alexander 03.36
- Underwood Sarah 01.10

**University of Florida**
- Anthony Clarence 05.52
- Colbourne Katrina 06.12
- Depass Patrick 02.38
- Dovil Michelle 06.40
- Dunlop Brittney 02.53
- Gavin Danielle P4 23A
- Murphy SaRanda P1 18C

**University of Georgia**
- Sellers Matthew 05.34

**University of Hartford**
- Pelliccione Christopher 03.08

**University of Houston - Downtown**
- Choudhary Preetif P4 17A
- Baig Nameera P4 12C
- Chan Melissa P4 12C
- Jangda Abdul P4 21A
- John Nirmal P4 16C
- Mehmoord Mustafa P1 29B
- Varghese Christine P4 16C

**University of Kentucky**
- Alvey M. Erin P5 26B
- Barnes Benjamin P5 8A
- Combs Michelle 05.48
- Deel Megan P5 19C
- Dunn Elizabeth P3 31A
- Durkin Sean P7 30B
- Ehlinman Sean P5 20A
- Elza Lindsay P1 20C
- Feder Laura P8 14A
- Fields Lauren P3 31A
- Fioretti Lisa P7 36A
- Flores Roel 08.06
- Fourie Elani P7 12A
- Gay Amber P1 35C
- Gilland Eric 03.03
- Grant Jason 04.32
- Gross Melissa 01.39
- Hayden Reiya P6 6A
- Houtz Jessica P6 19B
- Houtz Philip P6 11A
- Hufford Matthew P7 24B
- Ighodaro Adesuwa 06.01
- Jawahir Nazeetha P2 13C
- Jean-Louis Melinda DP6.2, 07.13
- Keller Rachel P6 35B
- Kuchle Christina P6 37A
- Leech Kelly P5 26B
- Lowe Andrea P1 1A
- McVey Allison P1 33B
- Mickley Kristyn P5 26B
- Mroz-Barrett Meaghan 05.20
- Schultz Megan P2 8A
- Scruggs Myrah O2.39, P6 25B
- Willand Zachary P1 15C
- Xiong Fei P2 8C
- Yson Alyssa P2 3C
- Zhurbich Oksana P2 22A

**University of Maryland, College Park**
- Aquino Jillian P3 17A
- Dong Tuo P2 33C
- Geller Margarita 07.31
- Gill Mallory 03.15
- Gorelik Mariya 07.31
- Kim Elizabeth 07.31
- Kulp Rebecca 06.02
### Index by Institution

**University of Massachusetts, Amherst**

- Cloyes Mac 03.54
- Magazu Eric 01.14, DP7.2

**University of Memphis**

- Allen Elizabeth 08.21
- Arnett James 04.11
- Daigle Rosaire 03.09
- Holt Samantha 01.22
- Houston III Lawrence 06.10
- Jordan Sara 08.07
- Mecwan Marvin 03.14
- Murray Melissa 05.17
- Myers John 08.31
- Null Holli 04.08
- Patton Samantha 01.09
- Phung Thien-Chuong Phung 04.09
- Sims Richard 06.34
- Sinden-Redding MacKenzie 05.09

**University of Miami**

- Stavola Lindsey 03.02

**University of Michigan**

- Belisle Molly P6 4B
- Carpenter Garrett P4 18A
- Casper Siera 03.53
- Frost Christopher 04.15
- Gjoka Ena P3 7A
- Ho Michelle DP4.2
- Iyer Nikhil P2 9C
- Jackson Ronell P8 5A
- Khei Matthew P6 18C
- Khei Michael 03.55
- Lee Paul 04.09
- Lcocoh Emefah P1 14B
- Mason Daniel P4 16B, P4 18A
- Nwodo Nkemdilim P1 14A
- Singh Monica P4 27A
- Tran Melody P2 14C
- Vandeven Natalie 07.04
- Vang Mai Ze P4 34C

**University of Michigan-Flint**

- Waites Cameron P5 1B

**University of Minnesota, Crookston**

- Donati-Lewis Heather 08.05

**University of Minnesota, Duluth**

- Asad Jawed 07.12
- Bender Ricci P1 39A
- Birkenmeier Ryan P8 33A
- Fealey Michael P3 14A

The University of Montana

- Abel Cassandra 04.04
- Allen Christopher 04.43
- Alversen Jeremy P2 11A
- Anderson Bradley P2 26B
- Anderson Eric 04.11
- Applekamp Laramy 04.48
- Aspden Daniel P7 15B
- Bahnmaier Lucas 08.32
- Banner Katharine 06.13
- Bardsley Jennifer 01.37
- Barker Amanda 02.49
- Barnett Kevin 07.15
- Bartelli Jeff 02.29
- Bassett Thomas P7 3C
- Bates Danica P2 27C
- Bents Jan 06.42
- Bergman Heather 02.49
- Berlin Matthew 04.06
- Bloomquist Katie P6 28A
- Borden Brooke P7 22B
- Bradley Parker 04.01
- Brammer JoAnna P2 29A
- Brekke Kyle P2 10B
- Brewer Kevin 03.37
- Briggs Aaron 01.30
- Buffington Charis P4 29A
- Burke Sean 02.33
- Caffrey Sarah 02.08
- Cain Katherine 01.36
- Cann Emily 02.50
- Carey Kristen 05.22
- Carlson Megan 01.31
- Carter Lindsey P2 24A
- Chavez Jose 01.37
- Cleveland Rachel 06.39
- Cole Callie 05.05
- Coleman Robert 04.26
- Coleman Thomas 05.07
- Colwell Clinton 06.08
- Cook Patrick 04.41
- Corean Jessica P7 3C
- Corrigan Elizabeth P7 38B
- Crabtree William 04.39, 08.28
- Cragwick Susannah 02.44
- Crosby Lindsay 05.12
- Cuplin Karra 06.36
- Curry Laurel Ann DP3.1
- Dallman Jessica 05.12
- D'Almeida Robert 01.35
- Damrow Peter 06.40
- Davis Tom P4 28C
- Douglas Carrie 08.02
- Drwenski Andrew P1 40C
- Duncan Jane 03.33
- Durrett Kyle P8 33B
- Dusek Andrew 03.25
- Dyana Lucas P6 2C
- Ebel Jonathan P7 39B
- Ecret Chris 04.54
- Ehnes Lacey P7 18B
- Eickholt Emily 03.55
- Elison David 03.05
- Else Amy P7 32A
- Engleson Claire 01.34
- Everingham Christopher 03.46
- Everson Micah 05.37
- Ewald Michael 03.07
- FauntLeRoy Jason 07.37
Index by Institution

Fister Jesse O3.47
Foster Allyson 04.39, 07.33, 08.28
Foster Brian P5 2A, 07.01
Fulton Eric O3.12
Garcia Augustina P2.27C
Garrison Joseph P4 26C
George Carmen O7.32
Gesler Megan O7.10
Giles Amanda P2 29A
Goldberg Joshua O6.02
Goldes Matthew P2 7C
Gould Matthew O8.02
Haas Leslie P1 8B
Habein Claire P1 40A
Hall Robert O1.27
Halverson Kendra O2.39
Hammond Susan O1.32
Hansen Winslow O4.17
Harby Heather P7 24C
Hardy Stacy O7.38
Hayes Timmon P5 19B
Head Jocelyn P7 18A
Heck Nicholas P5 38B
Hendrickson Russ O3.41
Higgins Kendra O7.37
Hilmer Kathryn O1.35
Hilty Shannon O6.03
Hogan David O1.34, 03.41
Hoon-Hanks Laura O1.04, P5 10B
Hovland Kendra P7 18A
Hulett Scott P5 38B
Hunter Tia O7.01
Ingram Heather DP4.1
Janzer Matt O1.34
Jaskel Lily O4.19
Jenkins Laura O6.01, 08.02
Jessop Amber O7.07
Johnson Arlo O1.08
Johnston Erik O3.06
Jones Hunter P4 19A
Jones Vera O4.21
Josephian Johanna O2.46
Kahn Jacob O5.30
Kelly Elizabeth P2 29B
Kieser Joshua O3.18
Klaassen Van Oorschot Brett 05.01, P5 10B
Kohsuke Kuribayashi P2 30A
Kouri Kyle P7 16C
Kuenzi Andrea P7 38B
Kuran Tia O3.47
Kutzleb Traci O5.49
Lanoue Teri Jo P4 20B
Lawson Brenna P5 9B
Leonard Maureen P2 29C
Lerner Joan P1 8B
Licitra Joseph O6.47
Loch Kyle O7.13
Lockwood Amanda O5.04
Lund Emily O2.10
Maher Phil O3.45
Malmberg Jeremy O5.08
Marcille Kate O8.12
Marshall Gordon O4.41
Martin Aubrey P8 7C
Mason Ki-Al P1 41B
McBride Clint O3.45
McCarthy Shamus P7 18A
McDermott Sara P2.27C
McDonald Mike O3.24
McFadden Mary P6.40
McGlenn Joseph P8 10C
McGonigal Kelly O4.43
McKlosky Kendra O1.37
McShane Dylan O7.33, 08.28
McTee Michael O6.05
Moosbrugger Courtney 05.41, 07.33, 08.28
Moraes Chelsea P2 2A
Morrison Faith O3.48
Munger Crystal P1 29A
Nelson Ty P2 313B
Ness Tara P2 14A
Ness Tara O5.02
Ogden John P2 32A
Oliver Whitney DP2.3
Olp Kathryn O3.23
Olsen Miles P2 37B
Olson Corrine O6.14
Ormesher Amanda O2.01
Page Rory O5.41, O7.33, 08.28
Perks Tommy O3.45
Petrie Jakob O8.08
Pfahler Steven P4 28C
Potter Teal O5.02
Powell Ronald P1 24A
Prouty Amber O1.35
Rasch James O7.33
Ray Sean O3.39
Red-Laird Sarah O6.07
Red Carley P2 26B
Ringer David O6.35
Roberts Teddi O5.18
Rosa Danielle O4.53
Roskilly Beth O1.02
Rostad Samuel O1.20
Roybal Nicole O4.39
Rushe Jena P5 10B
Ruskey Matt P8 33B
Saltzman Phil O3.45
Sarmento Wesley P6 30C
Schachenzki Maria O7.06
Scharf Jessica O8.16
Schmitz Shanna O3.53
Schuler Geoffrey O3.45
Seals Leila O5.03
See Wade P2 04
Selzter Sarah O7.33, 08.28
Sherwood Anne O8.27
Shinn Justin P1 8B
Shipleyo Yelyaeveta O2.44
Shyba Lori FAN 1.5
Smith Katie O4 26C
Smith Liana P2 29A
Sorensen Shane O1.35
Spurzem Kimberly O7.38
Stacey Brenn P8 39B
Stanbery Alison O3.02
Steiger Scott P7 25B
Stephens Samantha O1.16
Steven Samantha O5.35
Stibil Kymra O3.16
Stordahl David P2 30B
Stringam Jeremiah O2 3B
Strope Stephanie O2.22
Stucky Janna P1 40B
Stuker Donald 05.41, O7.33, 08.28
Swenson Brooke P2 14B
Theiler Kristen O1.34
Thornton Mary Ann O4.46
Tracy Spencer O3.41
Vair Ryan P2 30A
Vasquez Jose O4.38, 07.33
Veltkamp Joseph O1.34, O2.40, 04.41
Venturella Daniel P6 3B
Vinton Mara O1.36
Weaver Matthew P7 26B
Wemple Ariana P1 28B
Wheatly Alicia P7 17C
Williams Benjamin O7.25C
Williams Brittany O4.54
Wiltshire Megan O2.47
Womack Jack O6.23
Woodard Brandon O4.41
Yamauchi Ken O6.40
Youkin Alyssa O2.52
Yuzwa Taylor P1 19B, P4 13A
Zwicker Jeffery P8 12B

University of Montana, Western
Gilboe Benjamin P8 12A
Kortum Amanda P2 33B

University of Montevallo
Berenotto Christoph P4 33A
Casper Jesse O6.28
Crisler Megan P3 37B
Douglas Nathaniel P3 37B
Dye Gregory O7.05
Hanbury Dallas O3.24
Jones Mercedes O5 47
Marchase Allison P3 37B
McGee Mya O8.27
Nixon Ursula O1.09
Scott Alexander O1.09
Zimmerman Jennifer P7 24A

University of Nebraska, Kearney
Andre Dustin P8 30B
<table>
<thead>
<tr>
<th>Index by Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>University of Northern Iowa</strong></td>
</tr>
<tr>
<td>Aboud, Leslie 06.47</td>
</tr>
<tr>
<td>Bamford-Love, Jessica 08.24</td>
</tr>
<tr>
<td>Cook, Elizabeth 03.47</td>
</tr>
<tr>
<td>Cooney, Elizabeth 04.37</td>
</tr>
<tr>
<td>Horsted, Ali 03.47</td>
</tr>
<tr>
<td>Landhuis, Travis 07.27</td>
</tr>
<tr>
<td>Matteson, Tracey 01.25</td>
</tr>
<tr>
<td>McKinney, Meghan 02.46</td>
</tr>
<tr>
<td>Moore, Megan P6 29A</td>
</tr>
<tr>
<td>Musil, Jorunn 04.50</td>
</tr>
<tr>
<td>Neill, Laura 03.47</td>
</tr>
<tr>
<td>Peters, Elizabeth P8 2A</td>
</tr>
<tr>
<td>Storner, Abigail 05.35</td>
</tr>
<tr>
<td>Wiedenheft, Elizabeth 03.36</td>
</tr>
<tr>
<td><strong>University of Pittsburgh</strong></td>
</tr>
<tr>
<td>Cohen, Kara P7 4A</td>
</tr>
<tr>
<td>Delulissi, Giuseppe P8 13A</td>
</tr>
<tr>
<td>Gallagher, Timothy 04.07</td>
</tr>
<tr>
<td>Johnson, Amelia 03.07</td>
</tr>
<tr>
<td>Kantor, Ellen 05.54</td>
</tr>
<tr>
<td>Rishi, Shifa P3 32C</td>
</tr>
<tr>
<td>Song, Yeohan DP5.3</td>
</tr>
<tr>
<td>Tessin, Allyson 06.08</td>
</tr>
<tr>
<td>Umberger, Chantel P5 26C</td>
</tr>
<tr>
<td>Zlotnicki, Jason P2 8B</td>
</tr>
<tr>
<td><strong>University of Portland</strong></td>
</tr>
<tr>
<td>Malama, Kehaunani P5 2B</td>
</tr>
<tr>
<td><strong>University of Puerto Rico</strong></td>
</tr>
<tr>
<td>Amaro, William P7 4B</td>
</tr>
<tr>
<td>Benitez, Christian P7 5C</td>
</tr>
<tr>
<td>Ortiz-Camacho, Abner P4 36C</td>
</tr>
<tr>
<td>Carrasquillo, Katherine P7 27C</td>
</tr>
<tr>
<td>Carrasquillo, Tirado Nahomi P4 20C</td>
</tr>
<tr>
<td>Collazo, Aurvylelisse P4 38A</td>
</tr>
<tr>
<td>Fernandez, Yelitzhard P3 20C</td>
</tr>
<tr>
<td>Lebron, Francheska P4 35B</td>
</tr>
<tr>
<td>Leguiu, Jaysika P4 20A</td>
</tr>
<tr>
<td>Montañez, Stephanie 05.09</td>
</tr>
<tr>
<td>Morales, Frances P4 38A</td>
</tr>
<tr>
<td>Morales, John 04.13</td>
</tr>
<tr>
<td>Morales-Rosado, Joel 04.08</td>
</tr>
<tr>
<td>Ortiz-Camacho, Abner P4 36C</td>
</tr>
<tr>
<td>Pizarro, Kevin P4 17B</td>
</tr>
<tr>
<td>Reyna Liriano Maritza P2 36B</td>
</tr>
<tr>
<td>Rivera, Axel O4.13</td>
</tr>
<tr>
<td>Robles, Joshua P7 27A</td>
</tr>
<tr>
<td>Roldan Hernandez Llinete P4 12A</td>
</tr>
<tr>
<td>Santa, Luytzame P7 27A</td>
</tr>
<tr>
<td>Torres, Karen P7 6A</td>
</tr>
<tr>
<td>Travieso, Yamilarelisse P4 17B</td>
</tr>
<tr>
<td>Velazquez, Stephanie P2 12B</td>
</tr>
<tr>
<td>Yarely Davila P3 20C</td>
</tr>
<tr>
<td><strong>University of Rochester</strong></td>
</tr>
<tr>
<td>Agnihotri, Ritesh P5 6A</td>
</tr>
<tr>
<td>Bentsen, Gregory 07.08</td>
</tr>
<tr>
<td>Bogue, Jarrod 07.03</td>
</tr>
<tr>
<td>Cooper, Kathryn P5 11C</td>
</tr>
<tr>
<td>DeWaters, Meaghan 06.22</td>
</tr>
<tr>
<td>El Damaty, Shady 06.04</td>
</tr>
<tr>
<td>Gruters, Kurtis 03.10</td>
</tr>
<tr>
<td>Gryzbowksi, Emily P6 13A</td>
</tr>
<tr>
<td>Jia, Yuan 08.10</td>
</tr>
<tr>
<td>Jiang, Huan 01.40</td>
</tr>
<tr>
<td>Khaitan, Dev Ashish 04.08</td>
</tr>
<tr>
<td>Li, Xi P3 10C</td>
</tr>
<tr>
<td>Lombardo, Krista 08.06</td>
</tr>
<tr>
<td>Maurer, Alexandra 04.04</td>
</tr>
<tr>
<td>Pope, Andrew 04.24</td>
</tr>
<tr>
<td>Rapson, Valerie 04.09</td>
</tr>
<tr>
<td>Rath, Sneha 01.03</td>
</tr>
<tr>
<td>Remming, Ian 07.07</td>
</tr>
<tr>
<td>Sheehan, Patrick 02.09</td>
</tr>
<tr>
<td>Sola-Gracia, Emilia P5 1C</td>
</tr>
<tr>
<td>Stevenson, Catherine P8 37C</td>
</tr>
<tr>
<td>Worth, Shawnna P2 41A</td>
</tr>
<tr>
<td><strong>University of Saint Thomas</strong></td>
</tr>
<tr>
<td>Dada-Samuel, Jennifer P5 11B</td>
</tr>
<tr>
<td><strong>University of South Alabama</strong></td>
</tr>
<tr>
<td>Bulla, Nicole 08.04</td>
</tr>
<tr>
<td><strong>University of South Dakota</strong></td>
</tr>
<tr>
<td>Brueske, Rosalie P3 37A</td>
</tr>
<tr>
<td>Grady, Anne 05.05</td>
</tr>
<tr>
<td>Graves, Catherine P8 6A</td>
</tr>
<tr>
<td>Jones, Aubrey 04.05</td>
</tr>
<tr>
<td>May-Shinagle, Gabby 06.10</td>
</tr>
<tr>
<td>Messler, Eric P5 35C</td>
</tr>
<tr>
<td>Taylor, James P3 12B</td>
</tr>
<tr>
<td>Weisbeck, Stevie 06.10</td>
</tr>
<tr>
<td>Wessel, Julia P6 26C</td>
</tr>
<tr>
<td><strong>University of South Florida</strong></td>
</tr>
<tr>
<td>Aradi, Stephen P6 15A</td>
</tr>
<tr>
<td>Aragon, Stephanie P1 16A</td>
</tr>
<tr>
<td>Baso, Juan P1 28A</td>
</tr>
<tr>
<td>Bortnak, Denise 03.01</td>
</tr>
<tr>
<td>Brent, Savage P4 37A</td>
</tr>
<tr>
<td>Camacho, John P1 35A</td>
</tr>
<tr>
<td>Cruz, Daniel O4.14</td>
</tr>
<tr>
<td>Greene, Jennifer P1 42B</td>
</tr>
<tr>
<td>Howard, Alsha P5 32C</td>
</tr>
<tr>
<td>Ismail, Tahseen 06.54</td>
</tr>
<tr>
<td>Kennedy, Alyssa P4 19B</td>
</tr>
<tr>
<td>Landolfa, Samantha P1 26C</td>
</tr>
<tr>
<td>Lozano, Valentina P1 37B</td>
</tr>
<tr>
<td>Lundblad, Erica 06.17</td>
</tr>
<tr>
<td>Miller, Christina P3 32A</td>
</tr>
<tr>
<td>Motta, Sean 08.09</td>
</tr>
<tr>
<td>Myers, Tyler 06.20</td>
</tr>
<tr>
<td>Penugonda, Mythili O5.04</td>
</tr>
<tr>
<td>Schmidt, Amber P1 2B</td>
</tr>
<tr>
<td>Slama, Richard O3.55</td>
</tr>
<tr>
<td>Smith, Michelle P3 24B</td>
</tr>
<tr>
<td>Stamey, Brittany O2.27</td>
</tr>
<tr>
<td><strong>University of Southern California</strong></td>
</tr>
<tr>
<td>Wu, Daniel 03.38</td>
</tr>
<tr>
<td>University of Southern Indiana</td>
</tr>
<tr>
<td>--------------------------------</td>
</tr>
<tr>
<td>Huang Sunny O3.03</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>University of Texas, Austin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hammond James O6.29</td>
</tr>
<tr>
<td>Jones Martinique P7 8B</td>
</tr>
<tr>
<td>Lewis John O1.18</td>
</tr>
<tr>
<td>Perez Patricia P6 34B</td>
</tr>
<tr>
<td>Pilling Emily P3 34C</td>
</tr>
<tr>
<td>Rodriguez Gerardo O5.50</td>
</tr>
<tr>
<td>Rodriguez Joaquin P6 34B</td>
</tr>
<tr>
<td>Wainright Michael P3 25A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>University of Texas, San Antonio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boukhris Sarah O7.11</td>
</tr>
<tr>
<td>Bui Hoang P3 11A</td>
</tr>
<tr>
<td>Escobedo John O1.05</td>
</tr>
<tr>
<td>Eyestone Stephanie O7.02</td>
</tr>
<tr>
<td>Hua Jack P3 8A</td>
</tr>
<tr>
<td>Marino Elise O6.11</td>
</tr>
<tr>
<td>McClurg Kimberly O6.27</td>
</tr>
<tr>
<td>Osborn Sonja O3.34</td>
</tr>
<tr>
<td>Partida Madison O6.19</td>
</tr>
<tr>
<td>Ross Yaffa O1.33</td>
</tr>
<tr>
<td>Thusu Akshay O8.04</td>
</tr>
<tr>
<td>Vasquez James O4.25</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>University of the Incarnate Word</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alaniz Elyse O6.39</td>
</tr>
<tr>
<td>Evans Anna O8.08</td>
</tr>
<tr>
<td>Salazar Sarah O4.54</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>University of the Pacific</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barba Lloyd O5.27</td>
</tr>
<tr>
<td>Bernard-Hoverstad Anna O6.16</td>
</tr>
<tr>
<td>DeBoer Brett O3.49</td>
</tr>
<tr>
<td>Friedrich Lauren O3.49</td>
</tr>
<tr>
<td>Koike Glynnis O3.49</td>
</tr>
<tr>
<td>Kowalski Samantha O3.49</td>
</tr>
<tr>
<td>Mayman David O3.49</td>
</tr>
<tr>
<td>Rocha Ivan O3.49</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>University of the Virgin Islands</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hyacinth Leeanne O5.16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>University of Toledo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eby Jacob O5.04</td>
</tr>
<tr>
<td>Fray Emily O3.43</td>
</tr>
<tr>
<td>Sizemore Julie P5 16A</td>
</tr>
<tr>
<td>Spalding Alicia O1.42</td>
</tr>
<tr>
<td>Swedish Erin O3.09, O8.30</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>University of Utah</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auduong Priscilla P5 10A</td>
</tr>
<tr>
<td>Blair Cierra O2.03</td>
</tr>
<tr>
<td>Bowen Jonathan O1.40</td>
</tr>
<tr>
<td>Bowers Heather O3.54</td>
</tr>
<tr>
<td>Canfield Natalie O5.54</td>
</tr>
<tr>
<td>Coppersmith Kurt P8 25C</td>
</tr>
<tr>
<td>Davidoff Sherry O3.11</td>
</tr>
<tr>
<td>Deesing Michele O3.53, O7.37</td>
</tr>
<tr>
<td>Deeter Nicholas O3.53, O7.37</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>University of Washington Bothell</th>
</tr>
</thead>
<tbody>
<tr>
<td>Olsen Christie P3 26C</td>
</tr>
<tr>
<td>Larson Andrea O2.18</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>University of Washington - Seattle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hogue Krishy O3.19</td>
</tr>
<tr>
<td>Huynh Leticia P4 12B</td>
</tr>
<tr>
<td>Kinney Sean O5.28</td>
</tr>
<tr>
<td>Stroble Jamie O2.16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>University of West Georgia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baratz Tara-Lynn P4 23B</td>
</tr>
<tr>
<td>Bauch Charles O6.43</td>
</tr>
<tr>
<td>Black Joshua O5.43</td>
</tr>
<tr>
<td>Bowers Zachary O3.51</td>
</tr>
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</table>
## Index by Institution

### Washington State University
- **Williams** Robert 04.19

### Wayne State University
- **Ali** Syed 02.06
- **Aquino** Danica Maureen P5 33A
- **Bazzi** Danielle P5 17A
- **Byrnes** Renata 06.42
- **Debowska** Edyta 06.11
- **Eappen** Amy 01.06
- **Fei** Naomi P6 12C
- **Fenton** Katrina P3 30C
- **Gopalakrishna** Ajay P6 3C
- **Hubbarth** Paul P5 31A
- **Kassab** Christopher 06.14
- **Krishnan** Abhinav P4 28B
- **Krull** Amy 02.16
- **Kwiecien** Timotho P4 22B
- **Kyle** Lisa DP3.2
- **Marina** Alexander 07.02
- **Momin** Shayan 02.26
- **Pajor** Jeri P2 15C
- **Renati** Pridvi P3 30C
- **Tuomey** Eric 06.25
- **Wang** Le 04.15

### Weber State University
- **Arnold** James 04.02
- **Barrett** Aaron P2 11C
- **Brady** Patrick 08.30
- **Buttars** Paul P1 38A
- **Clark** Justin P5 7A
- **Coronado** Gregorio P8 20B
- **Denson** Leslie P8 36C
- **Fair** Ann Marie P8 26A
- **Fiet** Paula P3 36A
- **Friend** Amy 01.09
- **Garrett** Leah P8 1C
- **Gnehm** Derek P2 11C
- **Jones** Jordan P2 11C
- **Hampton** Jeri P8 36C
- **LeFevre** Janice 05.29
- **Merrell** Elizabeth 08.03
- **Minear** Krystle P6 30B
- **Moore** Meganne P8 15C
- **Noble** Nicholas P5 7A
- **Oldham** McKenzie P8 36C
- **Petersen** Christian 05.10
- **Rignell** Jason P8 36C
- **Sanford** Ray P5 7A
- **Turner** Carl 07.02
- **Wheeler** Benjamin 04.27

### Wells College
- **Brown** Claire 05.33
- **Gooding** Mary 07.07
- **Masse** Laura P5 33C
- **Moore** Vanessa P5 17C
- **Sheldon** Emma P3 29A
- **Sloma** Erica 03.02

### Western Carolina University
- **Allen** Courtney 04.47
- **Andrews** Joshua P8 29A
- **Armstrong** Hannah P8 29B
- **Baker** Frank P2 27A
- **Beck** Jason 04.41
- **Bienhaus** Amanda 05.43
- **Bottoms** Brittany 02.21
- **Burkley** Jessica 01.33
- **Caudell** Justin 02.23
- **Childers** Morgan 02.38
- **Coggins** Norma P8 29A
- **Collins** Emily 04.53
- **Crockett** Seth 06.24
- **Devar** Jonathan 07.35
- **Drawdy** Rachel O4.26
- **Duncan** Hayley 05.50
- **Elders** Katy 05.41
- **Emery** Christina P1 16C
- **Fullwood** Tori 06.48
- **Gattis** Nicholas 03.46
- **Gillikin** Alysa 06.47
- **Goovan** Christopher 07.35
- **Graham** Yvonne 06.48
- **Green** Stephanie P8 28C
- **Gumburch** Erin 01.32
- **Harris** Charity 03.50
- **Hines** Timoteo 08.15
- **Holland** Kirby Jessica 05.54
- **Hornby** Mariah 06.37
- **Husucsson** Kirsten 05.33
- **Hoyt** Holly 04.51
- **Ingle** Anthony P8 28C
- **Jacobs** Parker P8 29B
- **Jesserer** Nicole 01.42
- **Jessup** Jenny 03.26
- **Johnson** Matthew 01.28
- **Jones** Brandi P4 25C
- **Jones** Tyler 01.07
- **Kaufman** Andrea P3 30A
- **Kirby** Matthew 04.35
- **Laflair** Rebecca 04.47
- **LeBlanc** Tanisha 03.50
- **Lessera** Ashley 03.50
- **Locke** Allen 02.14
- **Lohmeyer** Edwin 04.36
- **Lowe** Brodie 01.14
- **Matulich** Phillip 07.19
- **McLamb** Michael P8 19C
- **Meisel** Cayli 04.16
- **Meisel** Cayli 03.41
- **Merritt** Angela 05.27
- **Moore** Kelton 05.15
- **Moore** Mary 06.48
- **Moreira** Eduardo 05.50
- **Neely** Matthew 02.26
- **Owen** Shannon 01.43
- **Peters** Stephanie P1 18B
- **Rawlings** Marie 02.21
- **Rock** Sean 02.14
- **Ritter** William 04.47
- **Rogel** Rebecca 01.28

### Sanford Nicholas 02.34
- **Schwierking** Joseph 05.15
- **Semma** Brad 03.21
- **Shemery** Ashley 05.42
- **Sherrill** Rachel 03.37
- **Shropshire** Sean 05.15
- **Shuler** Gregory P5 32A
- **Shuler** Gregory 08.07
- **Smith** Amanda 06.50
- **Smith** Hayden P2 19B
- **Smith** Hayden 06.25
- **Solomon** Marshall 03.35
- **Sutton** Andrew 02.28
- **Taylor** Amanda P7 20A
- **Thomas** James 02.36
- **Travis** Tallent 06.23
- **Turner** Morgan 02.34, 03.34
- **Utech** Jared 01.28
- **Van Campen** Julie P8 29C
- **Vassallo** Elizabeth 04.51
- **Waddell** Kimberly 06.34
- **Warren** Sarah 05.50
- **Weathers** Christine 02.21
- **Wells** Melanie 07.22
- **White** Rebecca 04.48
- **Whittington** Emily P2 27A
- **Willover** Bobby 01.21, 05.30
- **Wilson** Aaron P8 29C
- **Young** David 03.34, 05.38

### Western Oregon University
- **Catto** Jasmine P4 31A
- **Eggleston** Jeffrey P2 25C, 7 23B
- **Johnson** Sean P4 29C
- **Johnson** Sean P7 17A
- **Jones** John P2 25C, 7 23B
- **Linn** Timothy P4 30C
- **Pattison** Darren P4 31C
- **Reponen** Anna P4 31C
- **Welch** JD P4 31C

### Westminster College
- **Bistrica** Michelle O2.37
- **Fetes** Bradley 05.27
- **Kapraly** Kevin 05.28
- **Kutzner** Jennifer P6 6C
- **Lake** Kelly 05.44
- **Leonard** Amanda P1 33C
- **Long** Shannon P6 6C
- **McClintock** Maranda P3 37C
- **McConville** Kaitlyn 05.13
- **Mullen** Patrick O1.40
- **Osswald** Margaret 05.25
- **Rice** Lynn 03.24
- **Richter** Shannon 05.31
- **Scott** Tra-Linn P8 25A
- **Simon** Sarah 07.25

### Whittier College
- **Ghai** Devika P2 24C
- **Hawkridge** John P2 24C
<table>
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This personal planner is provided to help you organize your conference schedule.

### Thursday, April 15, 2010

<table>
<thead>
<tr>
<th>Session/Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>7:30 a.m. - 4:30 p.m. Registration on Campus</td>
<td>UC Ballroom South</td>
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<tr>
<td>8:40 - 10:00 a.m. Session 1</td>
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<td>10:20 - 12:00 p.m. Opening VIP and Plenary 1 - Burns</td>
<td>University Theatre</td>
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<tr>
<td>12:00 - 1:30 p.m. LUNCH</td>
<td>Building &amp; Room Number</td>
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<tr>
<td>1:30 - 2:50 p.m. Session 2</td>
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<tr>
<td>3:00 - 4:20 p.m. Session 3</td>
<td>Building &amp; Room Number</td>
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<tr>
<td>7:00 - 9:00 p.m. Plenary 2 - Nakai</td>
<td>University Theatre</td>
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<td>Immediately following Performance-Reception</td>
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### Friday, Friday 16, 2010

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<tr>
<td>7:30 a.m. - 4:30 p.m. Registration on Campus</td>
<td>University Center</td>
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<tr>
<td>8:30-9:50 a.m. Session 4</td>
<td>Building &amp; Room Number</td>
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<tr>
<td>10:00 - 11:20 a.m. Session 5</td>
<td>Building &amp; Room Number</td>
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<td>11:20 a.m. - 1:00 p.m. LUNCH</td>
<td>University Theatre</td>
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<tr>
<td>1:00 - 2:20 p.m. Plenary 3 Running</td>
<td>Building &amp; Room Number</td>
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<td>2:30 - 3:50 p.m. Session 6</td>
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### Saturday, April 17, 2010

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<th>Location</th>
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<tr>
<td>5:00 - 7:00 p.m. BBQ</td>
<td>UC Ballroom and Copper Commons</td>
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<tr>
<td>7:00 - 9:00 p.m. PowWow</td>
<td>Adams Center</td>
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**Session/Event**  
7:30 - 10:00 a.m. Registration on Campus  
8:30 - 9:50 a.m. Session 7

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<tr>
<th>Session/Event</th>
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<tr>
<td>10:00 - 11:20 a.m. Session 8</td>
<td>Building &amp; Room Number</td>
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<tr>
<td>11:30 a.m. - 12:45 p.m. Plenary 4</td>
<td>University Theatre</td>
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<tr>
<td>12:50 - 1:30 p.m. LUNCH</td>
<td>UC Ballroom</td>
</tr>
<tr>
<td>1:00 p.m. - Afternoon Excursions</td>
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### Dr. William M. Scholl College of Podiatric Medicine at Rosalind Franklin University

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