

Building a Better UJM



The University of
Montana

2009 President's Report

From the President's Desk:

This issue of the President's Report offers the occasion to reflect on my experience during 20 years in the presidency. The details of some of the physical development appear in the pages that follow, along with a few comments about program development. Quite clearly, the face of campus has changed markedly – far more than I ever anticipated when I arrived in August 1990. During the past two decades, the usable space increased by roughly 1.3 million square feet – nearly one-quarter of the total space on campus today. These changes occurred because of the needs and aspirations of the campus community.

The demography of the campus changed as well, with the student population growing from roughly 10,000 to nearly 15,000, and the faculty numbers nearly doubling from 380 in 1990 to 663 in 2010. The faculty today has a heavier commitment to research and graduate education than 20 years ago, with the annual volume of externally funded research going from less than \$7 million in 1990 to nearly \$70 million in 2010 and the awarded doctorates increasing from about 15 to 75 annually. However, I think it even more revealing to note that the University has graduated more alumni, counting all degrees, in these 20 years than during the preceding century.

During these years of growth and change, the concern has focused on financing, for operations as well as facilities and infrastructure. Operationally, the budget for the academic programs alone grew from about \$40 million in 1990 to some \$140 million in 2010 in a total budget of \$370 million. Over those same years, tuition revenue became the dominant source of support for academic programs, rising in percentage terms from about 25 to nearly 65 percent. Everyone who reads the press knows that tuition has risen faster than the rate of inflation, but few people know that state support lagged the inflation rate and enrollment growth. To fill the gap and sustain the quality of the programs, as well as access to them for all qualified applicants, students and their families assumed the burden of rising tuition and friends and alumni stepped forward to assist with donated funds. During those 20 years, generous donors

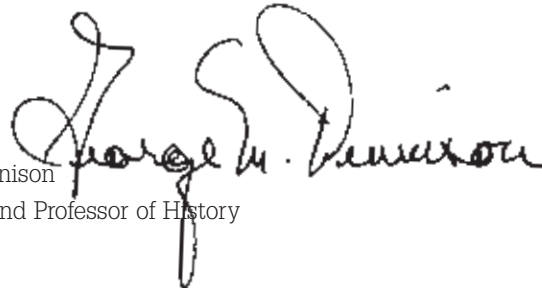
provided in excess of \$500 million for scholarships, fellowships, professorships, program endowments and facilities. An emergent and maturing culture of philanthropy goes far to explain the remarkable progression of the University into the 21st century.

It seems clear that if the past is prologue, concern about finances will persist through the next decade and beyond. That becomes even more apparent when we consider that during the next decade, the United States will seek to reclaim world leadership defined by the educational attainment of its citizenry – a position lost during the last two decades. The human resource economy of today simply demands an educated work force as the sine qua non for any country wishing to compete in an increasingly global world. As Dr. Craig Barrett, former CEO of Intel, reminded us in his Commencement address in 2009, "You cannot win unless you choose to compete." I think The University of Montana well positioned to assist the people of Montana in their choice to compete.

Having invested so much in the life of the University, I trust that what we have achieved together will prove resilient. Every administrator seeks to institutionalize changes that will make the difference over time. While only time will tell, I firmly believe that we have prepared well for the future. I will close by expressing my deep gratitude and appreciation for your interest and assistance over these years, as well as your willingness to overlook and understand any errors of judgment I made along the way. This University has the blessing of a wonderful group of friends and alumni ready to help in any way to assure its continued maturation and development as a center of learning committed to serving the public interest.

Thank you.

George M. Dennison
UM President and Professor of History
1990-2010





President George M. Dennison enjoys another Griz victory in Washington-Grizzly Stadium on Oct. 20, 2007. Dennison often roamed the sidelines, and the football team was 212-55 during his tenure. On this particular day, the Griz defeated Northern Colorado 52-7.

The Payne Family Native American Center

Project at a Glance:

Cost: **\$8.6 Million**

Start Date: **April 2008**

Completion: **January 2010**

Gross Square Footage: **30,000**

Funding: **14% UM, 86% Private**

Unique Feature: **Lodge Rotunda
Atrium**

Missoula businessman Terry Payne and his family helped make the dream of a campus Native American center a reality.



UM tribal liaison Linda Juneau stands on the second floor of the center's distinctive circular atrium.

Some projects are too important to fail.

Terry Payne, a 1963 UM alum and Missoula-based insurance executive, came to that realization while working with the UM Foundation to raise funds for a new Native American center. People were excited about the prospect of a centralized home for Native American studies, American Indian Student Services and related programming, but financial support was lacking.

The Payne family repeatedly stepped up with financial support to continue the project when momentum stalled, becoming the building's major donor. Why do it? Payne says the reasons are varied. Maybe it was because his wife's grandmother was on the 1904 Fort Shaw Indian School girls' basketball team that became world champions. Maybe it was because his son and daughter-in-law are involved with Native culture and traditions.

But mainly it was because they had become invested in a first-of-its-kind project that would give international stature to UM Native American

studies and encourage more Indian students to attend and graduate from college in Missoula.

"This was an opportunity to build a facility specifically for Native American studies that we can be proud of," Payne says. "We feel proud and blessed our family was able to participate. And we weren't alone – many people stepped up in a big way."

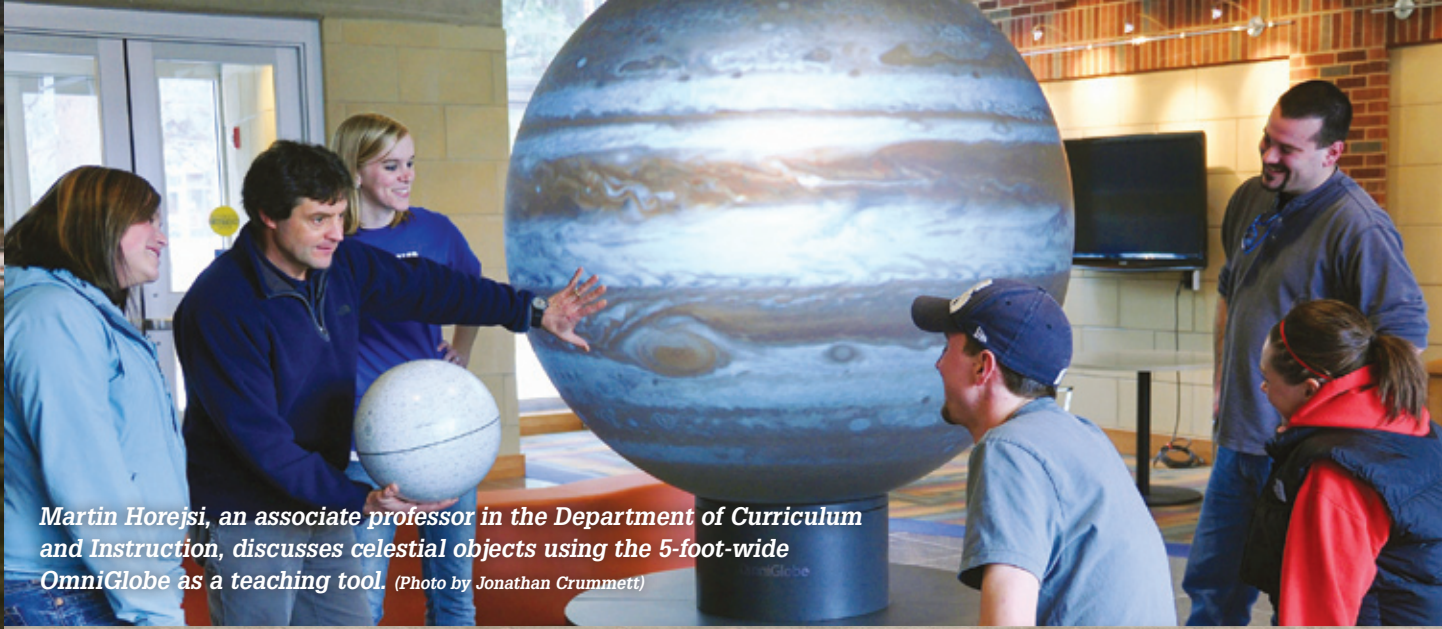
The new center offers 12 offices, four classrooms, a conference room, a student lounge and student meeting rooms. Daniel Glenn, a Crow architect, designed the building as UM's first Leadership in Energy and Environmental Design (LEED) certified building. Nearly everything about the structure, from its landscaping to its east-facing entrance, honors Montana's 12 tribes in some way. The 12-sided Lodge Rotunda with its translucent panels allows the building to glow at night like a tepee with an internal campfire.

"UM ensured that Native people had a strong voice in designing the building around their culture," Payne says. "That was thoughtfully done."

Phyllis J. Washington Education Center



Roberta "Bobbie" Evans, dean of the Phyllis J. Washington College of Education and Human Sciences, says the new building has raised expectations.



Martin Horejsi, an associate professor in the Department of Curriculum and Instruction, discusses celestial objects using the 5-foot-wide OmniGlobe as a teaching tool. (Photo by Jonathan Crummett)

Project at a Glance:



Cost: **\$15.1 Million**

Start Date: **May 2008**

Completion: **September 2009**

Gross Square Footage: **40,428**

Funding: **90% Private, 10% UM**

Unique Feature: **The OmniGlobe**

The largest single gift ever given to UM has resulted in a new building that is the “inspirational heart for education in Montana.”

That’s according to Roberta “Bobbie” Evans, dean of the newly named Phyllis J. Washington College of Education and Human Sciences. Evans has seen veteran alumni educators tour the new building and come away misty-eyed.

“They never thought they would see the day their alma mater was elevated to this stature,” she says. “It has generated a strong sense of professional identity for teachers across Montana.”

The catalyst for the building, Phyllis Washington, is a 1964 UM education school graduate and teacher who married Dennis, founder of the Washington Companies. Evans says Mrs. Washington had the “vision, values and vitality” to make the new center a reality.

“And other generous donors stepped forward to support us,” Evans says. “Today you can walk the halls and see all the names on beautiful rooms and gifts.”

With its distinctive wave roof, the addition boasts a multistory glass atrium meant to resemble a “lantern of learning.” It offers the latest educational technologies, high-tech classrooms, an on-site preschool to help students hone their teaching skills and other amenities. With its focus on distance-learning, the college also houses the Montana Digital Academy, an electronic high school for the entire state.

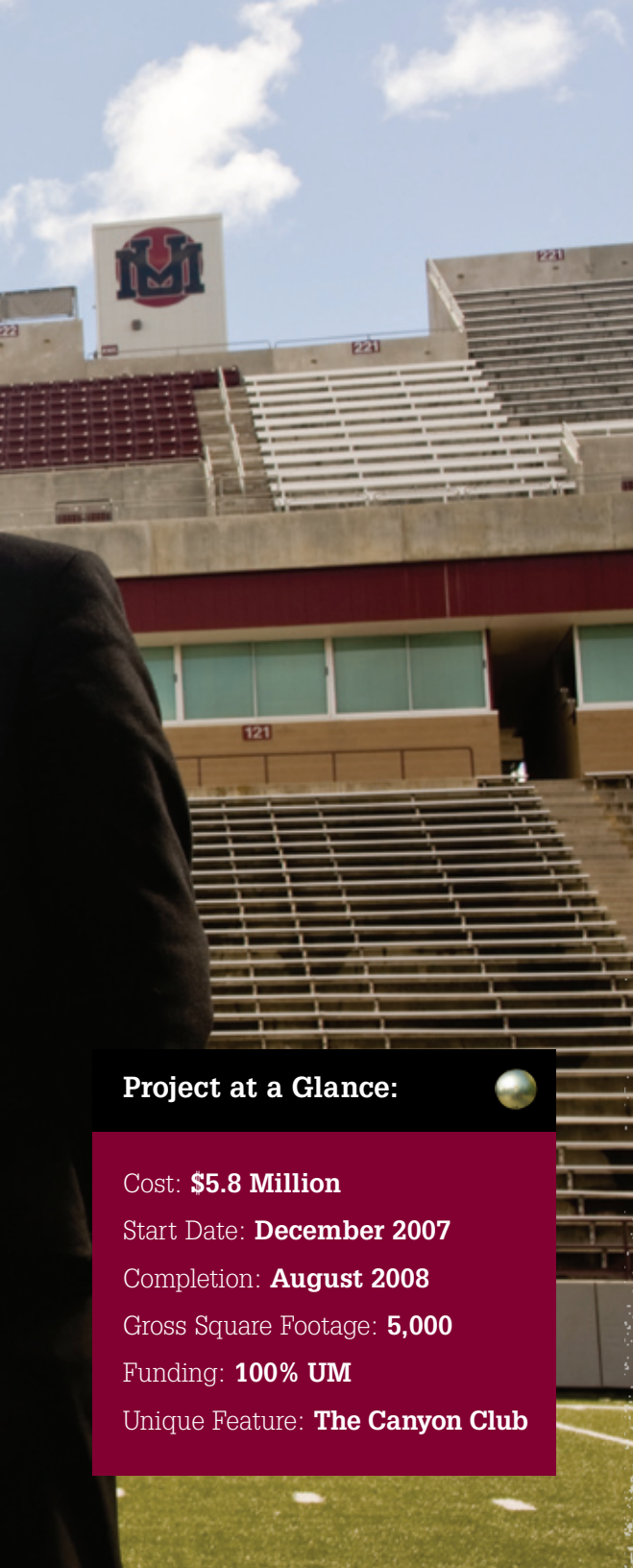
The 5-foot-diameter OmniGlobe dominates the main floor. Internal projectors allow the device to show everything from the Earth and its weather systems to a ski video or even a UM research lab. It’s the only OmniGlobe at a U.S. university.

“This building has raised expectations,” Evans says. “When I complimented a student rehearsing a major presentation in the Betsy and Warren Wilcox Learning Lounge, she said, ‘I have to do a great job ... just look around!’”

East-side Stadium Expansion



Athletic Director Jim O'Day says the new east-side stadium expansion is getting more use than expected.



Griz fans enjoy the new Canyon Club soon after it opened in 2008.

Project at a Glance:

Cost: **\$5.8 Million**

Start Date: **December 2007**

Completion: **August 2008**

Gross Square Footage: **5,000**

Funding: **100% UM**

Unique Feature: **The Canyon Club**

Dec. 12, 2009, was a magical night, as a national television audience watched the Montana Grizzlies defeat powerhouse Appalachian State 24-17 during a Montana snowstorm. It was the most watched Football Championship Subdivision game in ESPN history, and new visits to UM's website spiked 232 percent during the contest.

With 23,757 fans in attendance (many shirtless), the blustery game set an FCS record for crowd size during a semifinal game. That record wouldn't have been possible without the new east-side expansion of Washington-Grizzly Stadium, which added 2,000 seats.

The expansion includes the top-level Canyon Club, an exclusive, glassed-in suite with seating for 125 and a total capacity of 300.

"We definitely needed more seats in the stadium," Athletic Director Jim O'Day says. "The project came at a time when many of our suites were due for renewal of their 20-year leases.

There was a significant price increase, so we thought the Canyon Club, where people share a large box with 100 friends, would be a nice alternative."

The expansion will be paid for by ticket sales and support from the Grizzly Scholarship Association during a six-year period. UM students also agreed to pay an additional \$10 athletic fee for another 700 student seats. That fee sunsets when the expansion is paid off.

The stadium originally had 12,500 seats when completed in 1986. Four expansions have now raised the seating capacity to 25,200.

O'Day says the latest addition has performed better than expected. Planners hoped it would be at 85 percent capacity after six years. After year two, it already is 90 percent filled.

Are more additions on the horizon?

"We always look ahead," he says. "This latest expansion has the infrastructure to add another 1,000 to 1,500 seats in a way we can afford."

School of Law Building



Irma Russell, dean of the UM School of Law, says the upgraded facility offers "a state-of-the-art learning environment."



Students use the new Class of 1966 classroom.



Project at a Glance:

Cost: **\$14.8 Million**

Start Date: **January 2008**

Completion: **August 2009**

Gross Square Footage: **45,968**

Funding: **36% State, 35% Private, 18% UM, 11% Federal**

Unique Feature: **Entrance Atrium**

2009 was a momentous year in the distinguished history of UM's School of Law, which has churned out lawyers for 99 years. The school's first female dean started work, the school landed at No. 6 on a list of best-value law schools, and fall classes kicked off in a refurbished and expanded building.

"This building really was a labor of love for the attorneys of Montana," Dean Irma Russell says. "There were other wonderful supporters, but lawyers were a primary source of funding. My predecessor, Dean (Ed) Eck, visited 50 Montana counties while doing a tremendous job with fundraising."

Construction added three floors and a lower level, plus attractive new entrances and exterior balconies. The addition includes classrooms with better acoustics, current technology and audio-visual equipment. It also provides improved access for those with disabilities, as well as additional small and mid-sized classrooms to accommodate the increasing number of elective

courses needed to prepare modern lawyers.

More space also was provided for the school's clinical program, including its land use, Indian law, criminal defense and mediation clinics. This space includes client interview rooms, student workrooms and office space. The renovated building also contains an expanded law library with the latest technology.

"This building allows us to deliver a state-of-the-art learning environment," Russell says. "Students tell me they are inspired by the building – that it makes them feel empowered as they attend classes and prepare to go forward into practice."

She says it's difficult to pick a favorite feature in the facility, but the expansive new entrance atrium and skylight are impressive. She first toured the building in a hard hat while it was under construction and she was interviewing for the dean position.

"It was hard at that time to visualize what it would be like," she says. "It really is a thrilling result."

Skaggs Building Addition

SKAGGS BUILDING

Dean Dave Forbes says the new Biomedical Research Facility and Science Learning Complex has been key in attracting research grants to Montana.



Graduate student Vaishali Satpute uses a state-of-the-art microscope to examine cell layers on the hippocampus (left screen) and an individual neuron.

Project at a Glance:

- Cost: **\$14.5 Million**
- Start Date: **June 2005**
- Completion: **July 2007**
- Gross Square Footage: **67,500**
- Funding: **50% UM, 30% Private, 20% Grants**
- Unique Feature: **Interdisciplinary Labs**

The Skaggs School of Pharmacy has been ranked in the top 10 since 2003 for earning grants and contracts from the National Institutes of Health. The school was unranked in 1990 but has since seen a meteoric rise in NIH research funding. It was ranked No. 7 overall in 2009.

The school, part of UM’s College of Health Professions and Biomedical Sciences, could not have maintained its stellar national ranking without the new Biomedical Research Facility and Science Learning Complex. The complex is the latest addition to the college’s Skaggs Building, which now includes a host of labs within its 150,000 square feet.

“Usable space is a tool, just like equipment,” says Dean Dave Forbes. “Without it you can’t do the kinds of work we do or attract the kind of resources we have. With this addition we have compared ourselves to heavy hitters like the University of Wisconsin.”

The complex includes a 135-seat tiered classroom on the first floor, as well as the spectrUM

Discovery Area, an interactive science center for children. Forbes says the top three floors are special, because they are each basically one giant lab. Investigators work together in teams with shared workspaces and equipment.

“It’s all interconnected, and it encourages interdisciplinary work,” he says. “You come here weekends, nights and holidays, and people are working.”

The structure houses two of UM’s top grant earners: the Center for Environmental Health Sciences and the Center for Structural and Functional Neuroscience.

Forbes says UM’s biomedical research excellence would not have been possible without L.S. Skaggs, a former drugstore manager from Great Falls, whose foundation has now donated more than \$11 million to campus.

“He transformed our operation,” Forbes says. “We would not be here without him. Now, for researchers who need a place to do science, this is the place.”

Interdisciplinary Science Building

Project at a Glance:

Cost: **\$14.8 Million**

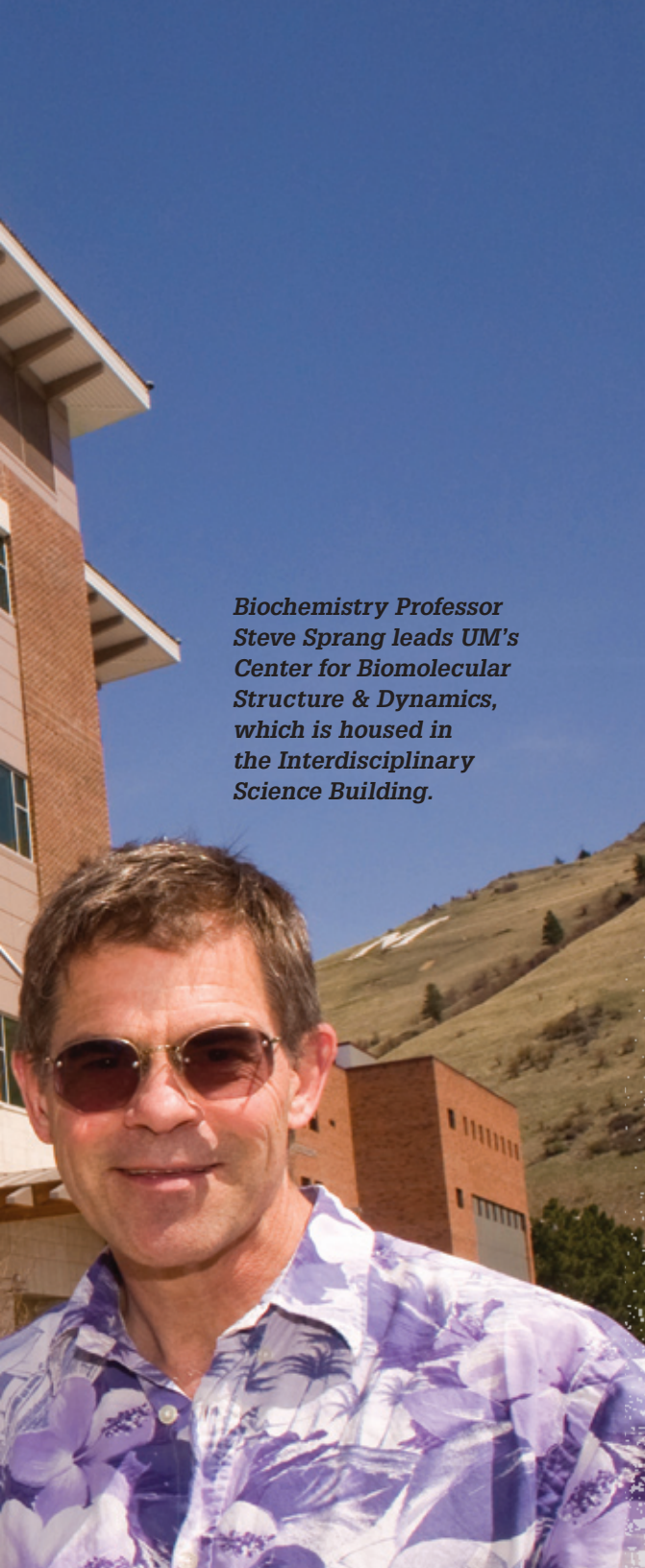
Start Date: **Summer 2007**

Completion: **June 2009**

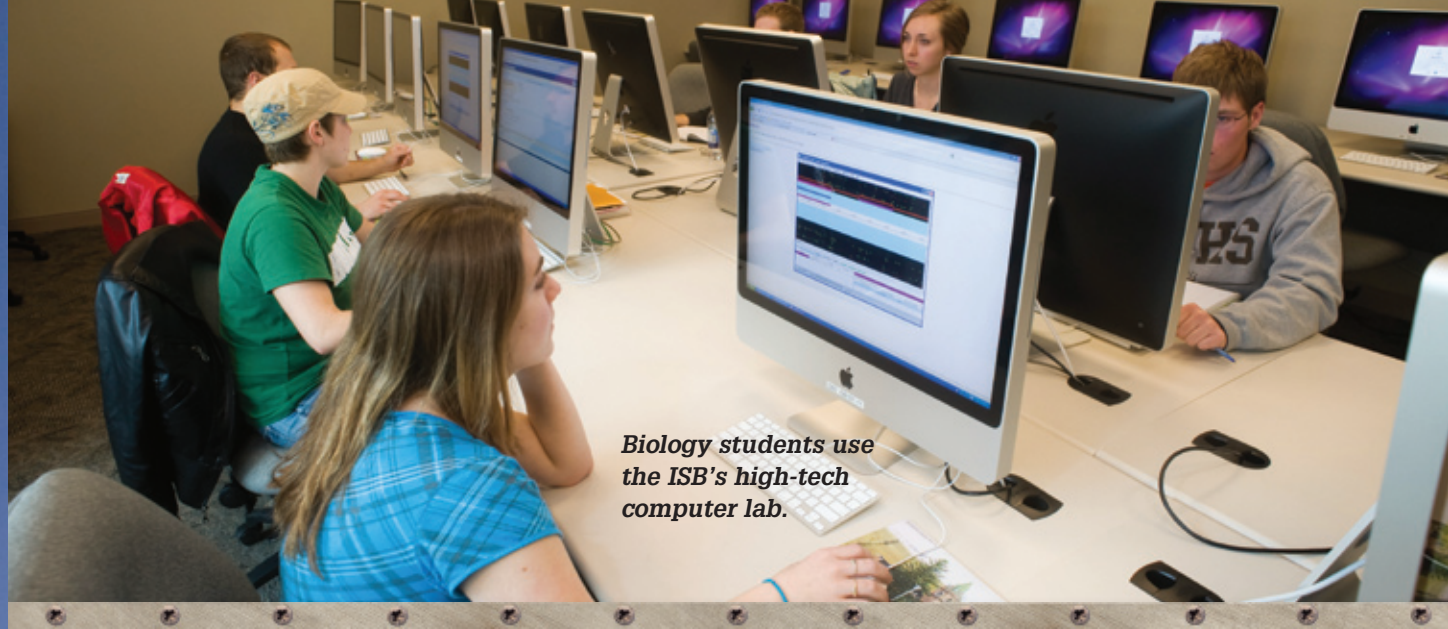
Gross Square Footage: **61,509**

Funding: **100% UM**

Unique Feature: **Room to Grow**



Biochemistry Professor Steve Sprang leads UM's Center for Biomolecular Structure & Dynamics, which is housed in the Interdisciplinary Science Building.



Biology students use the ISB's high-tech computer lab.

UM's new Interdisciplinary Science Building

represents potential.

It's a place that offers room to grow for the University's burgeoning science enterprise, which expended nearly \$70 million in external grants and contracts in fiscal year 2009.

ISB has four floors and a basement, but only the building exterior, first floor and part of the second floor are finished. The first floor, abuzz with a 120-seat auditorium and 30-seat computer lab, is devoted to teaching and academics, and the second floor contains two functioning laboratories. The building can accommodate about 10 more labs, as well as areas for shared equipment in the basement.

"We are a work in progress right now," says Steve Sprang, a UM biochemistry professor who studies the three-dimensional structure of proteins involved in intercellular signaling. "We need more funding, but we can do it lab by lab if necessary."

Sprang directs UM's new Center for Biomolecular Structure & Dynamics, which is

housed in the building and eventually will fill the second and third research floors.

"There was a desire to build up our biomolecular sciences on this campus with a focus on molecular mechanisms," Sprang says. "This facility is a big step toward creating the research infrastructure needed by the center and the University as a whole."

The research administration, provost, and administration and finance offices all help pay the ISB bond payment, as does Grizzly Athletics – making it one of the few basic science buildings in the nation directly supported by an athletic department.

Current plans call for ISB to have a biosafety level 3 laboratory on the fourth floor. This will allow UM researchers to work with infectious agents that cause serious diseases.

"We have several faculty members in temporary space who want to move here," he says. "A few key grants and this place will really take off."

Don Anderson Hall

Project at a Glance:

Cost: **\$13.3 Million**

Construction start date: **July 2005**

Dedication: **May 11, 2007**

Gross Square Footage: **57,238**

Funding: **3% State, 25% UM, 72% Private**

Unique Feature: **The Moveable-type
Masterpiece, "A Newspaper's Puzzle,"
in the Main Lobby**



Journalism Dean Peggy Kuhr, pictured here with a few April snowflakes, says Don Anderson Hall consolidated the school's programs under one roof.



Radio-television students practice their skills in Don Anderson Hall's news studio.

The School of Journalism has come a long way since 1914, when classes started in surplus Army tents on the Oval. In 2007 the nation's second-oldest undergraduate professional journalism school moved into its new building, Don Anderson Hall.

The building is named for the Montana native and Wisconsin publisher who in 1959 arranged for Lee Enterprises to purchase most of the state's daily newspapers from the Anaconda Copper Mining Co., freeing them from the infamous "copper collar."

"This building makes a huge difference, because for the first time in decades it brought all our faculty and students under one roof," Dean Peggy Kuhr says. "We had been in several buildings scattered across campus.

"In today's world," she adds, "a print journalist needs to know how to run a video camera and a broadcast journalist needs to know how to work online, so I think this building represents that convergence of media platforms."

The structure offers classrooms on five levels, with a capacity for 250 total students per class period. It has wireless access throughout, plus two television studios, a production control room, an audio recording suite and two photojournalism/multimedia labs.

Building highlights include the circular Native American Journalism Center on the third floor, with eight lodge poles representing Montana's seven reservations and one landless tribe. The building's main entrance features a wall sculpture made from antique wood and metal type created by former Missoulian publisher and artist Lloyd Schermer.

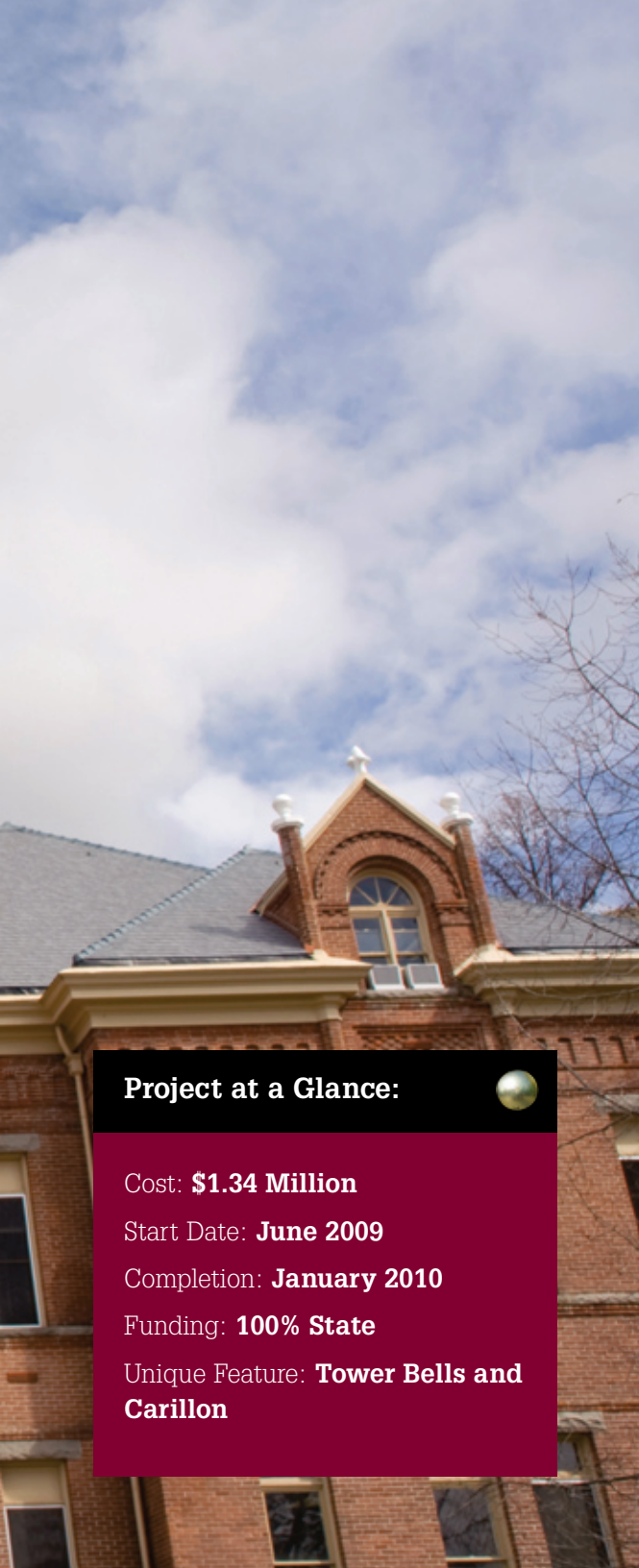
Joe Durso, a former acting dean and longtime broadcast department chair, launched the dream of a new building in 1997. Dean Jerry Brown then led the school and alums in a tremendous fundraising effort, joined by lead donors Lloyd and Betty Schermer and John and Sue Talbot.

"It's not only a beautiful building, it's well-designed for the work being done here," Kuhr says. "I know the students love it."

Main Hall

A photograph of Hugh Jesse, a man with a mustache wearing a dark blue suit jacket over a red and white striped shirt, standing in front of the University Hall building. The building is a large, multi-story brick structure with a prominent central clock tower. The clock tower has a green roof and a large clock face. The building has many windows and decorative architectural elements. The sky is blue with some clouds.

Hugh Jesse, director of Facilities Services, says a new roof and steel reinforcements were necessary to protect the University's iconic building.



Anytime music rises from the Main Hall clock tower, there is a real person inside making it. Nancy Cooper, UM's official carillon player, has played the tower bells since 1992.

Project at a Glance:

Cost: **\$1.34 Million**

Start Date: **June 2009**

Completion: **January 2010**

Funding: **100% State**

Unique Feature: **Tower Bells and Carillon**

If a strong earthquake ever shakes campus, the University's signature building, Main Hall (aka University Hall), will keep standing as tall as it has since 1899.

That's after a renovation project inserted steel reinforcing crossbeams into Main Hall's clock tower to protect against seismic tremors. Workers also replaced the roof on the tower and main structure and did masonry repair. In addition, the tower bricks look new after a thorough cleaning removed a century of grime.

"Nothing lasts forever – even one of Montana's most beloved buildings," says Hugh Jesse, director of UM Facilities Services. "What we have now is a roof structure that should protect the building for another 50 or 60 years."

Main Hall is UM's oldest building. Constructed in the Richardson Romanesque style, it is the masterwork of renowned architect A.J. Gibson. The structure is listed on the National Register of Historic Places,

so renovation work was approved by both the Montana and Missoula historic preservation commissions.

"We went with a look that was historically consistent, but we upgraded the materials," Jesse says. "The original coated steel shingles on the tower roof were replaced with pre-painted metal roofing sheets. We also replaced the three layers of wooden shingles on the roof – the most recent dating from the '70s – with polymeric synthetic shingles that have a 50-year warranty. They are basically a composite plastic."

Main Hall is an office building these days – the president, provost and other executive officers are housed there – but the ol' girl has several classrooms still in use. Jesse says renovating such a campus treasure while it was occupied presented special challenges.

"But people like the final result," he says. "It was the building's first major renovation, and it was needed. We had to protect our icon."

Steam Tunnels

Robert Duringer, UM vice president for administration and finance, stands in a newer section of UM's 2.81 miles of steam tunnels.



Heating plant supervisor Mike Burke pauses in one of the new lockable manholes that provide access to the steam tunnels.

Project at a Glance:

Cost: **\$10.2 Million**

Start Date: **Summer 2007**

Completion: **Summer 2010**

Funding: **100% State**

Unique Feature: **14,840 Feet Long**

During the past decade, numerous building projects have added about 600,000 square feet to campus – an increase of 25 percent. The circulatory system that connects and heats this massive infrastructure is a network of steam pipes.

“In the old days, they just took cast-iron pipes and buried them in the dirt,” says Robert Duringer, UM vice president for administration and finance. “When you have hot steam running through these things for five or six decades, they rot out and leak, and over time your steam plant becomes less efficient.”

The University started placing some pipes in tunnels in the 1960s so technicians could access and repair them, but most steam lines remained unreachable without digging. Then in 2007, campus started a major, multiyear effort to replace and upgrade the steam distribution system by placing it in tunnels. The new tunnels are much roomier than the older ones.

“During this project we found all kinds of graffiti and artifacts left over from 30 or 40 years ago,” Duringer says. “People used to go down in those tunnels to party or whatever. We have them all cleaned out, and they now all have lockable manhole covers to keep people out.”

UM will have 2.81 miles of steam tunnels beneath campus when the project concludes in 2010. The tunnel heights vary from 5 to 7 feet, offering room for workers and their equipment.

“Since we have done this project, our steam plant has become 7 percent more efficient,” Duringer says. “We are saving money because it works better. And the pipes should last much longer than they did in the past.”

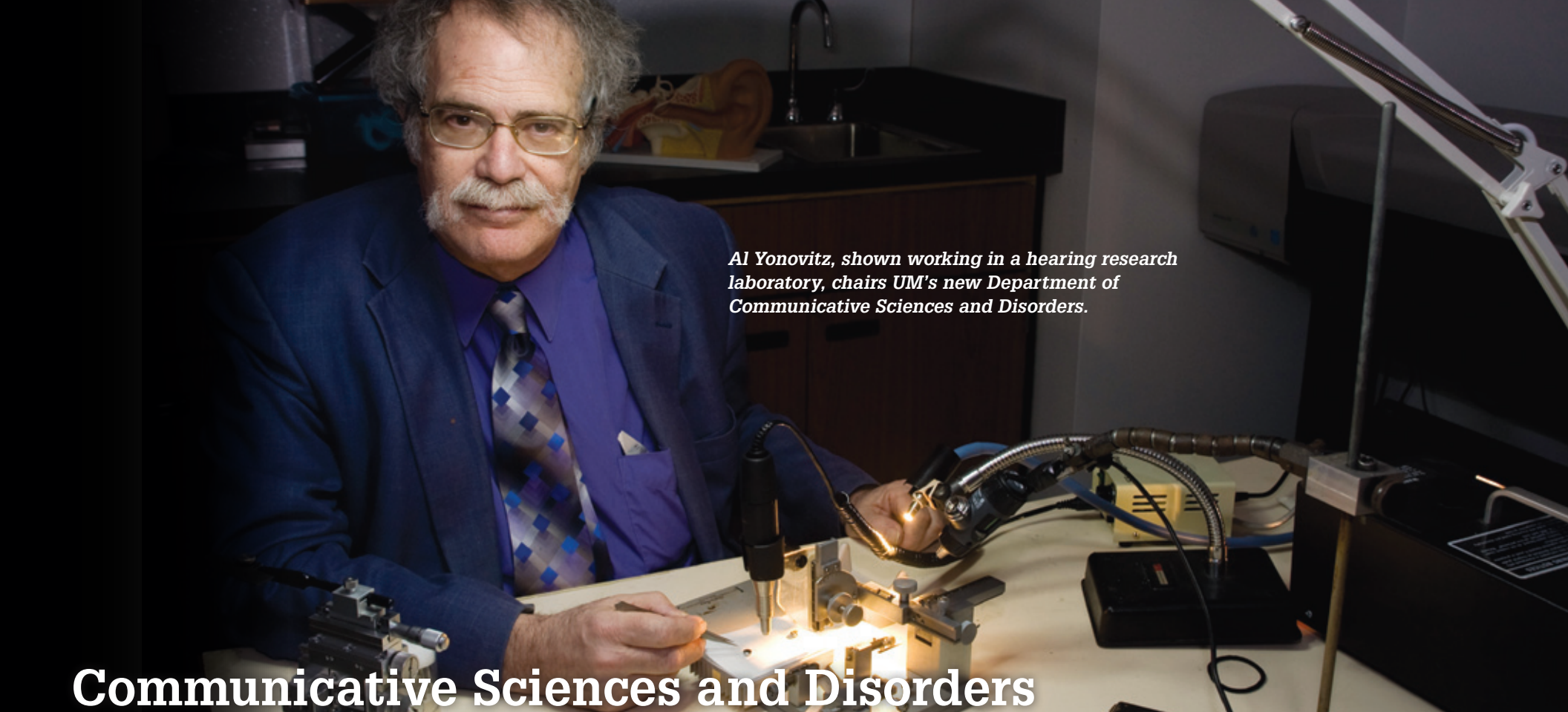
As a campus maintenance project, the steam tunnels used more state tax dollars than most UM construction efforts.

“It wasn’t a very glamorous project, but it was absolutely necessary,” Duringer says.

Featured Programs



UM Provost Royce Engstrom, shown here in a historic Jeannette Rankin Hall classroom, spent much of 2009 helping campus prepare for its once-a-decade accreditation review in 2010. As UM's chief academic officer, he also works to support the success of programs highlighted on the following pages.



Al Yonovitz, shown working in a hearing research laboratory, chairs UM's new Department of Communicative Sciences and Disorders.

Communicative Sciences and Disorders

UM's Department of Communicative Sciences and Disorders brings new technology and a vibrant faculty to academic and clinical education in Montana. The department, which began offering a bachelor's degree in communicative sciences and disorders in 2008, opened its doors to graduate students in fall 2009.

The University now offers a master's degree in speech-language pathology. UM's clinical program allows students to experience working in schools, clinics and hospitals.

"A career path in the field of communicative disorders is a wonderful and rewarding choice," says **Al Yonovitz**, chair of the new department. "Graduates will be in high demand to fill the current shortage of qualified speech therapists for Montana schools, which are required by law to provide speech, language or communication therapy for students with disabilities."

Speech-language pathology professionals work with people of all ages who experience a variety of speech, language and hearing disorders. Graduates will fill the need for

qualified speech-language pathology professionals not only in Montana, but across the nation. UM last offered a bachelor's degree in speech pathology through a program that was cut as a cost-saving measure in the late 1980s. In spring 2008, the University made the decision to revive the program to fill a need for qualified professionals. The Montana Legislature provided much of the funding to renew the program.

The department, part of the Phyllis J. Washington College of Education and Human Sciences, has received an unprecedented number of applicants from across Montana and the U.S. who can attend classes on campus or through distance-learning options.

"Our department not only supports clients with communication disorders and their needs, but also provides the best possible support for students to achieve their goals and aspirations," Yonovitz says. "Montana is in urgent need of qualified speech-language pathologists in the schools, hospitals and specialty clinics."

The first students will graduate from the new program during 2010 Commencement.



Mehrdad Kia directs UM's Central and Southwest Asia Program.

Central and Southwest Asia Program

Missoula is a long way from the vast land known as Central and Southwest Asia. Yet when it comes to educating students about this part of the world, UM leads the way.

As the only American university offering an undergraduate degree in Central and Southwest Asian studies, UM has long recognized the importance of the region that includes the Middle East, North Africa, western China and the five former Soviet republics in Central Asia.

The University launched its program in 1997. Since then, interest in the region has grown exponentially, and the Central and Southwest Asia Program at UM has grown right along with it. Today UM offers a minor and a major in the field. More than 200 students take classes in the program each semester.

The demand for such graduates also is increasing, says **Mehrdad Kia**, associate provost for International Programs at UM and director of the Central and Southwest Asia Program. Several UM alums have gone on to careers with the U.S. Department of State and other government agencies.

“This program has a direct relationship to the emerging job market,” Kia says.

Graduates are well prepared for such careers because of the program’s highly interdisciplinary course of study. Perhaps most important, Kia says, is the two years of critical languages students can take.

In 2009 the UM program collaborated with Missoula County Public Schools to introduce Arabic language instruction to middle and high schools using U.S. Department of Education funding.

In fact, Kia says, the continued development of the UM program using grants from federal agencies such as the Education and State departments is a clear indication of its importance.

“The success of this program is what it offers academically,” Kia says, “but also that much of the funding has been generated by external grants and projects.”



*UM Sustainability
Coordinator Cherie Peacock
helped write the University's
first Climate Action Plan.*

Campus Sustainability

UM has made big strides toward becoming a sustainable campus. The UM Office of Sustainability opened its doors in 2009, and Sustainability Coordinator **Cherie Peacock** hit the ground running to bring administrators, employees and students together with local technical experts, community members and others to complete UM's first Climate Action Plan.

The long-range plan outlines strategies campus will take in its commitment to achieve carbon neutrality by 2020. It will be updated as technology and conditions change. Public meetings, Internet social networking, stakeholder meetings, media announcements and an all-campus survey were designed and implemented to involve the community in the planning process. Students, particularly those from the student organization UM Climate Action Now, were influential in the final plan outcome.

Peacock and Associated Students of UM Sustainability Coordinator **Erica Bloom** wrote the plan with input from the Technical Working Group that met every two weeks during the development phase.

The Education Working Group convened to write the section of the plan that detailed goals and strategies to incorporate sustainability into curriculum, research and community outreach. The Sustainable Campus Committee, composed of UM staff, students, faculty and administrators, provided guidance and served as advisory authority. University executive officers were the final decision-making authority.

"The spirit of collaboration that emerged through the planning process will be integral to the plan's successful implementation," Peacock says.

She now will work with others on campus and in the community to implement the Climate Action Plan's strategies for energy conservation and efficiency in existing buildings, renewable energy generation, Leadership in Energy and Environmental Design (LEED) certification for new construction and alternative transportation options to lower UM's carbon footprint.

The full Climate Action Plan is available at <http://www.umt.edu/greeningum/documents/CAPFinal.pdf>. Also see the Greening UM website at <http://www.umt.edu/greeningum>.



Alex Apostle, Missoula County Public Schools superintendent, has forged stronger ties with UM through the Missoula Area Education Summit.

Missoula Area Education Summit

To be competitive in the fast-paced world in which we now live, the children of Missoula must receive a global education.

It is with this wisdom in mind that UM recently joined forces with local school district representatives and members of the community to create the Missoula Area Education Summit.

The goal: Encourage local K-12 students to prepare for successful careers in the 21st century.

UM President **George M. Dennison** and Missoula County Public Schools Superintendent **Alex Apostle**, along with **Dick King** of the Missoula Area Economic Development Corp., are leading the charge to ensure Montana's next generation is prepared to meet the challenges that lie ahead.

For some students, that means heading to college. For others, it means entering the work force. Regardless of the path each student embarks on after high school, the goal of the

summit is to ensure each individual is educated in a way that enables them to be a valuable contributor in a global society.

"It's about getting them prepared for careers in the 21st century," Apostle says. "It's about being competitive in a world economy."

The summit convened at UM for the first time in November 2009 and established a steering committee representing stakeholders in the Missoula community.

As the effort gains momentum, summit members have defined the foundation of their mission using three words: responsibility, rigor, relationship. The summit recognizes that success for K-12 pupils requires accountability from students, teachers and parents; high academic standards; and collaboration throughout the community.

Learn more about the Missoula Area Education Summit at <http://www.umt.edu/edusummit>.

A portrait of Associate Professor Henriette Lowisch, a woman with short blonde hair, wearing a grey blazer over a black top and a necklace with a red heart pendant. She is smiling slightly and standing in front of a large green evergreen tree.

Associate Professor Henriette Lowisch is helping launch a new era of environmental journalism at UM.

Environmental Science and Natural Resources Journalism

“**A**t least somebody gets it.”

That somebody, according to a November 2009 article published on the Columbia Journalism Review’s website, is UM’s School of Journalism, which recently launched its new graduate degree program in environmental science and natural resources journalism. The article emphasized the need to train journalists in the field—and the lack of distinguished programs to do so—reinforcing the school’s decision to revamp its graduate program and narrow the focus to issues of increasing economic and political importance.

The new degree will fulfill what journalism faculty call a “growing need for versatile storytellers knowledgeable about energy policy, climate change and conservation issues.”

The first UM classes will begin fall semester 2010, and students will prepare for careers through practical training in print, photo, broadcast and online media. They also will take courses in the hard sciences, ethics and law, among others.

“To effectively communicate environmental science and natural resource issues to the general public is one of the most important challenges for journalists and scientists today,”

says program director **Henriette Lowisch**. “The new program fits seamlessly into the University’s cross-disciplinary focus on those issues and capitalizes on faculty expertise across campus.”

As part of their multidisciplinary training, students will produce print and photo stories, multimedia projects, Web and broadcast documentaries that address global as well as regional issues such as wilderness policy, environmental health, endangered species, forestry and mining practices, and the management of public lands, climate change and natural resources.

The school received numerous applications before the Feb. 15 deadline, and in April selected the 10 who will make up its first class, Lowisch says.

“They are a highly talented and diverse group with different strengths,” she says. “Some have a very strong journalism background; some have a strong background in natural sciences; some come with lots of experience in environmental advocacy.”

Highlights



Magic Moment: Jabin Sambrano, a sophomore wide receiver for the Grizzlies, makes the winning catch in a 24-17 Griz victory over the Appalachian State Mountaineers on Dec. 12 at Washington-Grizzly Stadium. The 25-yard scoring pass from junior quarterback Andrew Selle capped a 73-yard scoring drive with 1:31 left in the game. These pictures show why the play withstood an instant replay challenge. The snowy game was the most watched Football Championship Subdivision contest in ESPN history, and allowed the Griz (14-1 on the season) to advance to the FCS national championship game, where they came up just short against the Villanova Wildcats 23-21.



Scott Mills Named Guggenheim Fellow

The impressive achievements and exceptional promise of wildlife biology **Professor L. Scott Mills** earned him a 2009 Guggenheim Fellowship. Mills has been working on conservation planning issues in the Himalayan Kingdom of Bhutan during his fellowship, as well as developing an international investigation of climate change's effects on seasonal camouflage in snowshoe hares and other mammals.

Dennison Wins Governor's Humanities Award

UM President George M. Dennison was among five winners of the 2009 Governor's Humanities Awards, which were presented by **Gov. Brian Schweitzer** and Humanities Montana at a ceremony in the state Capitol in Helena. The awards honor achievement in humanities scholarship and service and enhancement of public understanding and appreciation of the humanities. A historian by training, Dennison has served on numerous boards and is a tireless advocate of the public purposes of higher education – community service, service-learning, volunteerism and civic engagement.



Enrollment Nears 15,000

The troubled economy was reflected in UM's 2009 enrollment numbers, for both good and bad. Enrollments set records spring, summer and fall semesters, with a fall headcount of 14,921. That's 714 more than a year earlier and the largest one-year enrollment jump in two decades. The institution also set a new record for full-time equivalent students at just more than 12,757, meaning more students are taking more credits. (An FTE represents 15 undergraduate or 12 graduate semester credits.) However, FTEs among nonresident students dropped 65.95 from last year, and with them, out-of-state tuition receipts.

Princeton Review Names UM Among Best Colleges

UM was again listed among North America's top four-year colleges and universities by the Princeton Review. The 2010 edition of "The Best 371 Colleges" includes only about 15 percent of higher education institutions in the United States and Canada. It is based on data and surveys of undergraduates, who shared comments like, "Academics at UM are facilitated by great instructors." UM also achieved high marks in the publication's "Quality of Life" and "Green" categories.



Highlights



Law School Lands On 'Best Value' List

The UM School of Law is No.6 on a list of 65 best-value law schools in the nation. The list was compiled by The National Jurist magazine in an article titled "Best Bang! For Your Buck." The law school was lauded for its in-state tuition of \$10,273, its bar-passage rate of 95 percent and its after-graduation employment rate of 95.7 percent. The National Jurist reaches an estimated 100,000 law students.

Washington Monthly Ranks UM 132nd Among Universities

The Washington Monthly ranked UM 132nd out of 258 national universities in its annual college rankings, which judge schools on three criteria: social mobility, research and service. The independently owned political magazine listed UM 196th in social mobility (recruiting and graduating low-income students), 143rd in research (producing cutting-edge scholarship and doctoral degrees) and 54th in service (encouraging students to give something back to their country) to compile the overall ranking.



Saldin Named Academic Fellow At Think Tank

The Foundation for the Defense of Democracies named UM political science Assistant Professor **Robert Saldin** an Academic Fellow in terrorism studies for 2009-10. The nonpartisan Washington, D.C.-based policy institute sent Saldin to Israel in June for an intensive course in terrorism studies.

UM Makes National Honor Roll

UM's commitment to service-learning and civic engagement earned it a spot on the President's Higher Education Community Service Honor Roll. Operated by the Corporation for National and Community Service, the honor roll is the highest federal recognition a school can achieve for exemplary community service. During the 2007-08 year, UM students contributed more than 69,500 hours of work through academic service-learning, extracurricular volunteering and AmeriCorps service hours.



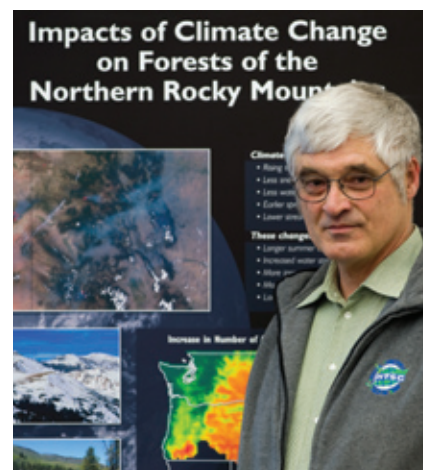


Charitable Giving Exceeds Previous Year

Despite tough economic times and a two-year wage freeze, UM employees gave more during the 2009-10 Charitable Giving Campaign than they did the year before. Nearly 700 UM staff members, faculty members and administrators donated a total of \$127,471 to local charitable organizations, compared with \$125,841 the year before. The campaign lets employees select from a number of carefully pre-screened local organizations, then donate any amount through one-time gifts or payroll deduction.

NBC Features Program That Helps Soldiers' Families

A nonprofit organization that offers scholarships and services to children of soldiers killed in Iraq and Afghanistan was featured on "NBC Nightly News with Brian Williams" in March 2009. Grateful Nation was co-founded in 2007 as a pilot program in Montana by alumnus **David Bell** with plans for eventual implementation in all 50 states. Grateful Nation is administered by UM's Office of Student Affairs and funds are managed by the UM Foundation, but scholarships can be used to attend any school in the Montana University System.

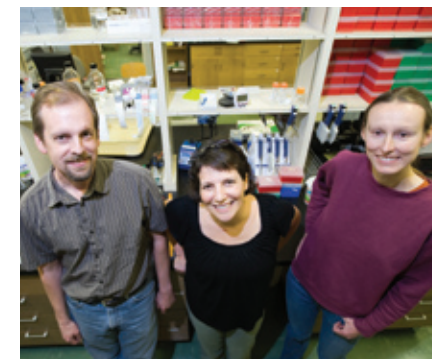


Running Helps Invent Worldwide Climate Change Index

Much like the Dow Jones industrial average condenses volumes of data from the business world into a single figure, a new worldwide climate change index distills the complexity of the Earth's climate down to one number. Regents Professor of Ecology **Steve Running** was a key player behind the introduction of the new index at the U.N. Climate Change Conference in Copenhagen, Denmark. The index uses key indicators of global change – carbon dioxide, temperature, sea level and sea ice – to obtain its results.

CAREER Grants Go To UM Scientists

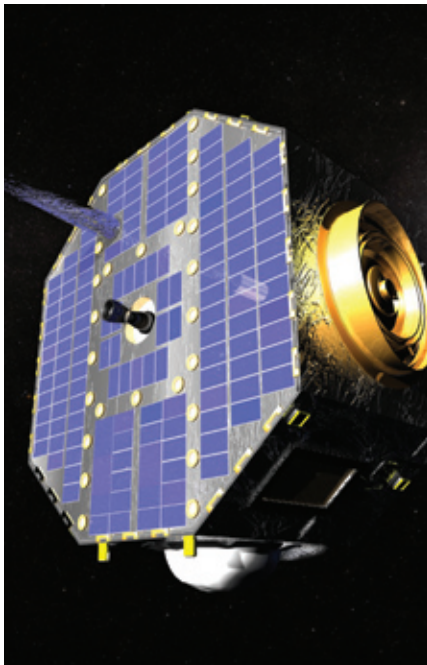
Three UM assistant professors were awarded prestigious Early Career Development Program grants by the National Science Foundation. The awards went to **Klara Briknarova** in the Department of Chemistry and Biochemistry, **Lila Fishman** in the Division of Biological Sciences and **Art Woods** in the Division of Biological Sciences. The CAREER grants last five years and average about \$750,000. This is the second consecutive year that multiple UM scientists have received the honor.



Highlights

Scientists Detect Ring At Edge Of Solar System

Two UM researchers were behind a Science cover story about the discovery of a vast ribbon of energized particles at the edge of the solar system. **Dan Reisenfeld** and **Paul Janzen** from the Department of Physics and Astronomy are part of the NASA team that operates the Interstellar Boundary Explorer spacecraft, or IBEX. The article ran in the November issue of Science.

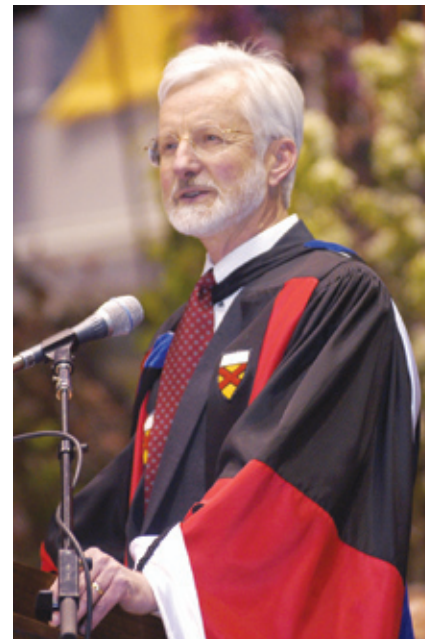


Martin Named Science Fellow

Bird researcher **Tom Martin** has one more feather in his cap now that he's been named a Fellow of the American Association for the Advancement of Science. Martin is assistant leader of the U.S. Geological Survey's Montana Cooperative Wildlife Research Unit and has joint faculty appointments in the Division of Biological Sciences and the Wildlife Biology Program. The fellowship recognizes his service and contributions to evolutionary ecology.

Lauren Records Lecture Series On Human Rights

Regents Professor of History **Paul Lauren** recorded a 24-part lecture series on DVD titled "The Rights of Man: Great Thinkers and Great Movements" for the Teaching Company's "Great Courses" series. The company follows a rigorous selection process for its multimedia lecture series, which are similar to PBS documentaries. One of the world's foremost human rights experts, Lauren has shared his expertise with governments, the United Nations and the Nobel Institute.



UM In Top 10 For Producing Peace Corps Volunteers

UM is now No. 10 in the nation for producing Peace Corps volunteers. The 2009 ranking includes colleges and universities with 5,001 to 15,000 students, placing Montana ahead of such schools as Brown, Notre Dame and Yale. UM currently has 30 alumni serving as Peace Corps volunteers.

Lo Receives Art Fellowship

Art Professor **Beth Lo** was named a 2009 USA Hoi Fellow by United States Artists, an independent philanthropic organization. The fellowship includes an unrestricted grant of \$50,000. The child of Chinese immigrants, Lo works in ceramics and mixed media collage, incorporating elements of cultural marginality and blending, tradition and Westernization, and language and translation.



Grammy Goes To Album Recorded At UM

A team effort by children's storyteller and songwriter **Bill Harley**, Montana Public Radio and Montana Public Television garnered a 2009 Grammy Award. "Yes to Running: Bill Harley Live," a June 2007 performance recorded in UM's University Theatre, won Best Spoken Word Album for Children. **Daniel Dauterive** of KUFM-TV and **Michael Marsolek** of MTPR worked on the CD with Harley.

Student Film Makes Powerful Impression

"Dear Mom," a student documentary from the Department of Radio-Television, wowed judges at two awards competitions. First, it won the bronze world medal in the New York Festivals International Film & Video Awards, where it competed against entries from 30 different countries. Then it was named a "Best of Festival" winner by the Broadcast Education Association. The hourlong film profiled four Montana mothers doing time in state prison for crimes related to meth use.



Commercial Wins Gold Awards

A "Griz Nation" video showing the UM football team running through a tunnel onto the playing field won Gold awards in 2008 competitions of the Council for Advancement and Support of Education District VIII and the Admissions Marketing Awards. Two other videos in the series, which were produced by Montana-based Chisel Industries under the direction of UM Executive Vice President Jim Foley, won Bronze awards from CASE District VIII. AMA also recognized the 2007 President's Annual Report and the Research View newsletter, both produced by University Relations staff, with Silver awards.

George M. Dennison, **President**

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Robert Duringer, **Vice President for Administration and Finance**

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Royce C. Engstrom, **Provost and Vice President for Academic Affairs**

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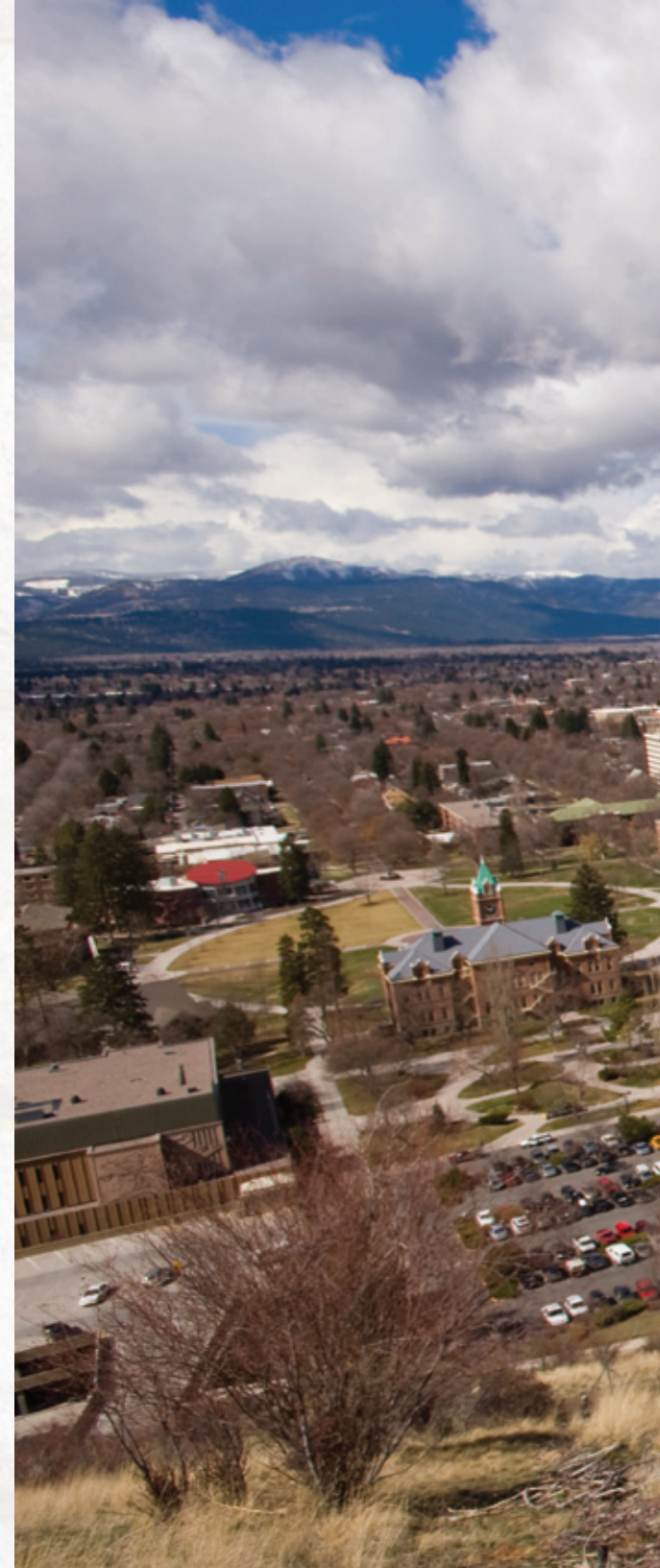
Denise Juneau, **Superintendent of Public Instruction**

Sheila M. Stearns, **Commissioner of Higher Education**



Special thanks to the project team that met every Wednesday for much of the past decade to oversee UM's 2000-10 building boom. Team members included Robert Duringer, Rosi Keller, Julie Maxwell, Mark Pulliam, Peggy Schalk, Hugh Jesse, Kevin Krebsbach, Jameel Chaudhry, Mike Panisko, Alan Mulkey, George Baumann, Jerry Ballas, Laura Howe, Louise Lakier, Brad Evanger and Alex Zimmerman.

This report was produced by the University Relations office. Creative team: Cary Shimek, production manager; Todd Goodrich, primary photographer; Neal Wiegert, design and layout. Contributing writers and editors: Brianne Burrowes, Brenda Day, James P. Foley, Rita Munzenrider, Jennifer Sauer, Allison Squires and Patia Stephens. UM Printing & Graphic Services printed this report.





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2009 PRESIDENT'S REPORT