



**Graduate Student and Faculty Research Conference**  
Sponsored by the Office of the Provost and the Office of the VP for Research and Development

**2009 Student Award Winners**

**Oral Presentations**

**Martin Byrne (Geography)**, Ulrich Kamp, and Tobias Bolch  
"Glacier Monitoring in Ladakh and Zaskar, Northwestern India"

**Jan Armstrong (Environmental Studies)**  
"Understanding Access Barriers to Local Food Among Missoula SNAP Participants"

**Gustavo Guajardo (Linguistics)**  
"The Spanish Subjunctive: A case of Language Change in Progress"

**Marley McKenna (English Literature)**  
"The Boundlessness of Rootedness: A Reinvention of I to i"

**Marylesa Wilde (Mathematical Sciences)**, John Bardsley, and Mark Lorang  
"Math IS Useful: Supervised Classification of Remote Sensing Data"

**Daniel Dewey (Psychology)** and David Schulberg  
"Expanding PTSD's Criterion A2"

**Ryan Denzer-King and Miranda McCarvel (Linguistics)**  
"Creating Online Blackfoot Language Materials"

**Jenna Benson (Biomedical & Pharmaceutical Sciences)**, Amanda Pokorny, Ava Rhule, Cynthia A. Wenner, Vamsikrishna Kandhi, Nadja B. Cech, and David M. Shepherd  
"Echinacea Purpurea Extracts Differentially Modulate the Development and Function of Murine Dendritic Cells"

**Megan Bergauff (Chemistry)**, Chris Palmer, Tony Ward, and Curtis Noonan  
"The Effect of a Wood Stove Changeout on Ambient and Indoor Levels of Particulate Matter and Chemical Tracers for Wood Smoke in Libby, MT"

**Christiana Ricci (Health and Human Performance)**, B.D. Brown, C. Noonan, K.J. Harris, L. Dybdal, M. Parker, J.L. Harris, T. Wilson, and S.E. Gaskill  
"Survey Development to Assess Adult Knowledge and Support of American Indian Youth Nutrition and Activity"

**Ashley Williams (Geography)**  
"Local knowledge of Water Quality and Waterborne Disease along the Niger River, Mali"

**Hillary Parsons (Anthropology)**  
"The Postmortem Interval: a Systematic Study of Decomposition in West Central Montana"

**Shandy Lemperle (Modern and Classical Languages and Literatures)**

“Beyond Female Angst: A Critical Look at Violence and Subversion in Virginie Despentès’ Baise-moi”

**Erica Bloom (Environmental Studies) and Martha Sample**

“Safe and Effective Cleaning Products at the University of Montana: Establishing a Base for Institutional Change”

**Bill Novak (Political Science)**

“It’s About Time: Democratic Consolidation in Paraguay and Bolivia”

**Posters**

**Haley Trontel (Psychology), L. Hane, S. Hall, T. Kimpton, and J. DenBoer**

“Face Validity of Effort Tests: Early vs. Late Warning About the Presence of Effort Tests”

**Meghan Gallagher (Social Work) and Tim Conley**

“Assessing Factors Associated with the Use of Residential Treatment Facilities for Juveniles on Probation in Montana, Fiscal Year 2007”

**Zach Seligman (Geography) and Anna Klene**

“Rock Glacier Distribution, Movement and Paleoclimatic Implications in the Absaroka and Beartooth Mountain Ranges, MT, USA”

**Alana White (Biomedical & Pharmaceutical Sciences)**

“Electrophysiological Detection of P-glycoprotein Transport”

**Megan Rosenblatt (Geosciences) and George Stanley Jr.**

“Newly Discovered Upper Triassic Corals from Oregon”

**Theresa Dahl (Ecosystem and Conservation Sciences) and Diana L. Six**

“Investigating the Role of Fungal Nutrient Utilization in a Bark Beetle-Fungus Mutualism”