REPORT ON PUBLICATIONS
AND OTHER SCHOLARLY ACHIEVEMENTS

2007-2008

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Publications on the cover

1. Input Technologies & Computer Applications – Century 21 Jr.
   Jack P. Hoggatt – Business Communication
2. Frederick Douglass: Race and the Rebirth of American Liberalism
   Peter C. Myers – Political Science
3. Instructor Solutions Manual for PHYSICS for Scientists & Engineers with Modern Physics
   J. Erik Hendrickson – Physics and Astronomy
4. Shake & Shout: 16 Noisy, Lively Story Programs
   Robert Reid – Foundations of Education
   Charlene P.E. Burns – Philosophy and Religious Studies
6. “A Candle in the Wind”
   Journal of Chemical Education
   Robert J. Eierman – Chemistry

A special thanks to Crossroad Books, Eau Claire, for their cooperation.
The 2007-2008 Report on Publications and Other Scholarly Achievements highlights the scholarly and creative activities of faculty, staff and students that are a hallmark of the University of Wisconsin-Eau Claire.

UW-Eau Claire provides unique opportunities for undergraduate students to engage in collaborative work with outstanding faculty and staff, as well as each other – resulting in students being well-prepared for graduate studies or careers in their chosen fields. These kinds of partnerships are invaluable because they extend what is taught in the classroom to create contributions that expand knowledge and foster the intellectual development of those involved.

This report includes publications, creative achievements, extramural grants, faculty-student collaborations, undergraduate and graduate student independent and directed studies, and successful faculty sabbatical and research grants. Many of these projects have been made possible with funding from the students themselves through differential tuition, from the University of Wisconsin-Eau Claire Foundation, Inc., and from UW System support for the Center of Excellence for Faculty and Undergraduate Student Research Collaboration.

Updates on scholarly and creative activities also may be found in UW-Eau Claire Faculty/Staff News, [http://uwecfsnews.blogspot.com/](http://uwecfsnews.blogspot.com/), regularly updated by the UW-Eau Claire News Bureau.

Brian Levin-Stankevich, Ph.D.
Chancellor

Excellence. Our measure, our motto, our goal.
Preface

“We foster in one another creativity, critical insight, empathy, and intellectual courage, the hallmarks of a transformative liberal education and the foundation for active citizenship and lifelong inquiry. We fulfill our mission through a pervasive university commitment to provide . . . exemplary student-faculty research and scholarship that enhance teaching and learning.”

~ from the UW-Eau Claire mission statement

Scholarship involves producing new knowledge, developing novel perspectives, and creating artistic works that expand perception. These activities are at the heart of the university. Members of the UW-Eau Claire community are involved in a very wide range of scholarly activities. Faculty and staff probe the margins of their disciplines. This inspires them to bring exciting ideas to students, further stimulating intellectual curiosity. Students then become directly involved in scholarship working with faculty or staff mentors. UW-Eau Claire fosters these collaborations in a number of ways through the Center of Excellence for Faculty and Undergraduate Student Research Collaboration, which is funded primarily through student differential tuition as well as UW-Eau Claire Office of Academic Affairs, the UW-Eau Claire Foundation, and the UW System. Funds are available to assist students, faculty, and staff to pursue their scholarly activities year-round, and to travel to professional conferences to present the results of their work to disciplinary peers. We also celebrate and share scholarly achievements in various campus events such as Student Research Day, the Authors Celebration, and the Faculty/Staff Forum, and on the Office of Research and Sponsored Programs Web site.

The items listed in the 2007-2008 Report on Publications and Other Scholarly Achievements represent the tangible results of scholarly activities and collaborations, which include a wide variety of publications and refereed creative achievements, as well as proposals to extramural agencies for funds to enhance support for scholarship and creative activity. There are also many intangible results. Faculty and staff remain enthusiastic and closely connected to their field of study. Students become more versed in their disciplines, gaining skills that are invaluable in any walk of life: the ability to conceive a question, design a strategy to answer it, and carry the work through to completion and dissemination of their results. This ability to continue learning beyond their college years is a primary goal of the liberal arts education provided at UW-Eau Claire. We are very proud of our students and alumni, who contribute their knowledge and creativity, their skills in analysis, synthesis and critique, their social responsibility, and their generosity of spirit towards the betterment of communities across Wisconsin, the nation, and the world.
Distribution of the 2007-2008 Report on Publications and Other Scholarly Achievements. An electronic copy of the Report is available for viewing online on the ORSP Web site: www.uwec/ORSP/publications.htm. A small number of extra copies has been printed and may be requested by calling 715/836-3405. Suggestions and comments for improving the Report should be sent to Assistant Vice Chancellor Karen Havholm, or e-mailed to orsp@uwec.edu with the subject line “Suggestions for ROP.”

New Layout. Please note that the former biennial publication on Faculty and Undergraduate Student Research Collaboration Scholarly Contributions has been combined with the Report. To ensure easier readability in light of these added entries, this Report separates reported items into categories to highlight the various kinds of research, scholarly and creative achievements.

Entry Format. Faculty and academic staff members with joint appointments have been listed under the single unit they selected as their primary appointment for purposes of this Report. The departmental affiliation of faculty and academic staff are also noted.

Inclusion Policy. The index includes only those faculty and academic staff who were employees of UW-Eau Claire and students enrolled from May 2007 to April 2008. Extramural grants made to faculty and academic staff, as well as major internal research grants, are included in the Report as well. Students whose abstracts were accepted by the Office of Research and Sponsored Programs for inclusion in the Sixteenth Annual UW-Eau Claire Student Research Day on April 28-29, 2008 are also included in the Report. In addition to publications and creative achievements during the 2007-08 academic year, this Report includes items that were inadvertently omitted from previous reports. The Report’s next issue will cover the period of May 2008 to December 2009 after which volumes will be published for each calendar year. Every attempt has been made to be as complete and accurate as possible.

Acknowledgments. The Editorial Board appreciates the hard work and cooperation of those who assisted with this publication: faculty and staff members who carefully and promptly completed their submission materials.
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**Publications**


*Student Utilization of Online Learning Resources: Gender, GPA, and Course Grades.* Ethics & Critical Thinking 3 (2008). **Margaret M. Devine, Todd J. Hostager** and Rhetta Standifer.


**University Research & Creative Activity (URCA)/Faculty Sabbatical**

*Diversification of Exchange Traded Funds: Myth or Reality.* **Rajarshi Aroskar**, URCA.

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**Art & Design**

**Publications**


*The Midwest National Show (Juried Exhibition),* Rhinelander, WI, 2007. **Ned Gannon**.

*Paintings by Ned Gannon (Invitational Exhibition),* Spring Arbor University, Spring Arbor, MI, 2008. **Ned Gannon**.


**Faculty/Student Research Collaboration Grants**

*Anatomical Torso Restoration.* **Lindsey Menebroeker** and Michael Christopherson.

*Documenting Rock Art of the Superior National Forest.* **Teri Sanders** and Karen O’Day.

**UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008**

*Documenting Rock Art of the Superior National Forest.* **Teri Sanders** and Karen O’Day.

*Learning About Research of Teaching and Learning in Art Education.* **Jennifer Curwick, Stacy Reddy** and Lia Johnson.
Student Presentations


Biology

Publications


National and Regional Conference Presentations with Published Abstracts


National and Regional Conference Presentations


Extramural and UW-System Grants

‘CAREER’ Linking Heterogeneity to the Contributions Made by Species to Ecosystem Processes. National Science Foundation. $135,000. Todd Wellnitz.

Faculty/Student Research Collaboration Grants

Alpha-adrenergic Receptor Specificity in Circadian Clock Resetting. Andy Leung, Matt Smrz and Daniel Janik.

Analysis of Ribosomal Intergenic Spacer Length to Assess Microbial Diversity in Soil. Nathan Butler, Yaron Fireizen and Julie Anderson.

Confirmation of Gene Expression in MBP1 Wild-type, Mutant, and Revertant Strains of C. albicans. Elizabeth Juetten, Staci Solin, Kathryn Davidson and Daniel Herman.

Does Scour Disturbance Control Blooms of the Nuisance Algae, Didymosphenia geminata? PaHoua Lee, Stephen Nikolai and Todd Wellnitz.

Exploring the Molecular Basis for Differences in the Sensitivity of a Freshwater Fish to Alarm Pheromones. Krista Carlson, Winnifred Bryant and David Lonzarich.

Field Observations of Schooling in a Stream Fish: Implications to General Theory. Nick Aliota, Matthew Faust and David Lonzarich.

Identification of Cryptosporidium Species Present in Wisconsin Dairy Cattle. Matthew Brewer and Darwin Wittrock.


Molecular Identification of Cryptosporidium Species Infecting Wisconsin Dairy Calves. Matthew Brewer, Nathan Butler, Darwin Wittrock and Julie Anderson.

Summer Research Experiences for Undergraduates Grants

Automated Ribosomal Intergenic Spacer Analysis (ARISA) of Microbial DNA From Different Plant Communities. Nathan Butler and Julie Anderson.


Central Beta-adrenergic Receptor Specificity in Circadian Clock Resetting. Matt Smrz, Andy Leung and Daniel Janik.

Cloning the Bacteriocin Gene from Enterococcus faecalis pAM369: The Final Piece of the Puzzle. Ryan Hietpas and Sasha Showsh.

Coactivator Recruitment During Xenoestrogen Transactivation. Sarah Korb, Liliana Meza and Winnifred Bryant.

Effects of Birth Date on the Growth and Survival of Juvenile Coho Salmon. Matthew Brewer and David Lonzarich.

Field Observations of Schooling in a Stream Fish: Implications to General Theory. Nick Aliota, Matthew Faust and David Lonzarich.


Investigating the Roles of LRB1 and LRB2 in Red Light Signaling in the Model Plant Arabidopsis thaliana. Brandon Blaisdell and Derek Gingerich.

Late-Holocene Vegetation Response to Climate, Storm Events, and People on San Salvador Island, Bahamas. Kate Swanborg and Kristina Beuning.

Multivariate Controls on Community Assembly and Ecosystem Fundraising. Kristin Haider and Evan Weiher.

Nonphotic Resetting of the Circadian Clock in the Mouse (Mus musculus). Sarah Tillman, Sabine Lichtenegger and Daniel Janik.


Signaling Profiles of Monocytic Cells Exposed to Amphotericin B Anti-fungal Drugs. Michael Donath and Lloyd Turtinen.

Video-based Analysis of Behavior During Circadian Clock Resetting. Anna Bressers and Daniel Janik.

UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008

Analysis of Ribosomal Intergenic Spacer Length to Assess Microbial Diversity in Soil. Nathan Butler, Yaron Fireizen and Julie Anderson.

Campsite Ecology of the Boundary Waters Canoe Wilderness Area. Billie Jo Buechler, Dane Ferguson, Kris Hennig, Brian Pauley and Todd Wellnitz.

Central Administration of Noradrenergic Drugs and Circadian Phase Shifts. Matthew Smrz and Daniel Janik.

Central Beta-adrenergic Receptor Specificity in Circadian Clock Resetting. Matt Smrz, Andy Leung and Daniel Janik.

Coactivator Recruitment During Xenoestrogen Transactivation. Sarah Korb, Liliana Meza, and Winnifred Bryant.

Confirmation of Gene Expression in MBP1 Wild-type, Mutant, and Revertant Strains of C. albicans. Elizabeth Juetten, Staci Solin, Kathryn Davidson and Daniel Herman.

Cytokines Released from Kidney Cells Exposed to Amphotericin B. Benjamin Bonis and Lloyd Turtinen.


Diversity, Functional Traits, and Ecosystem Processes: Cause or Coincidence? Tyler Bunton, Evan Weiher and Julie Anderson.

Does Scour Disturbance Control Blooms of the Nuisance Algae, Didymosphenia geminata? PaHoua Lee and Todd Wellnitz.

The Effect of Arabidopsis scd-1 on Vein Formation. **Danielle Priem**, Tenzin Wangzor, Nathan Butler and Tanya Falbel.

Effects of Birth Date on the Growth and Survival of Juvenile Coho Salmon. **Matthew Brewer** and David Lonzarich.


Evaluation of Student Susceptibility to Caries Based on Relationships to Their Oral Health Habits and Presence of Pathogenic Bacteria. Amanda Rodning, Benjamin Carolan, Dylan Thomas, Rena Christman and Sasha Showsh.

Examining the Early Life History of Salmon (Oncorhynchus kisutch) From the Study of Otolith Microstructure. **Matthew Brewer** and David Lonzarich.

Exploring the Molecular Basis for Differences in the Sensitivity of a Freshwater Fish to Alarm Pheromones. Krista Carlson, Winnifred Bryant and David Lonzarich.

From Genes to Ecosystems: A Molecular View of Microbial Diversity in Plant Communities from a Prairie Restoration Project. **Yaron Fireizen**, Vinay Rao, Julie Anderson and Evan Weiher.

Holocene Shifts in Grass-Community Composition along the Prairie-Forest Ecotone of Minnesota. Ka Lor and Kristina Beuning.

How Does Amphotericin B Activate Inflammatory Gene Expression in Monocytic Cells? **Michael Donath** and Lloyd Turtinen.


Identification of Cryptosporidium Species Present in Wisconsin Dairy Cattle. **Matthew Brewer** and Darwin Wittrock.


Killing of Candida albicans Using Microwaves. **Elizabeth Juetten** and Daniel Herman.

MBP1 Null Mutant Strains of Candida albicans Do Not Show Defects in Responding to Oxidative Stress. **Staci Solin** and Daniel Herman.

Molecular Identification of Cryptosporidium Species Infecting Wisconsin Dairy Calves. **Matthew Brewer**, Nathan Butler, Darwin Wittrock and Julie Anderson.

Nest Site Selection by Red-Naped Sapsuckers: Influence of Willow Proximity, Aspen Heartwood Fungus, and Other Ecological Factors. **Matthew Troia** and Chris Floyd.


Nonphotic Clock Resetting in Mice. **Sarah Tillman** and Daniel Janik.

Scour Disturbance Affects a Nuisance Algae, Didymosphenia geminata, and the Associated Diatom Community. **PaHoua Lee** and Todd Wellnitz.

Signaling Profiles of Monocytic Cells Exposed to Amphotericin B Anti-fungal Drugs. **Michael Donath** and Lloyd Turtinen.

TEM Analysis of Arabidopsis adl1A2 adl1E-1 Double Mutant Embryos. Dylan Thomas, Matthew Skalski, Jessica Dorsher, Nathan Butler, Matthew Brewer, Wilson Taylor and Tanya Falbel.


Scour Disturbance Affects a Nuisance Algae, Didymosphenia geminata, and the Associated Diatom Community. PaHoua Lee and Todd Wellnitz.

Video Analysis of Hamster Behavior During Circadian Clock Resetting. Daniel Hehli and Daniel Janik.


Student Presentations


Chemistry

Publications


National and Regional Conference Presentations with Published Abstracts


Extramural and UW-System Grants


High-Vacuum Surface Studies Utilizing a Low-Power Plasma Source. XEI Scientific, Inc. $1,000. James Boulter.

Faculty/Student Research Collaboration Grants

A Comparison of Metalloporphyrin and Peroxidase Catalyzed Oxidation of Azo Dyes. 
**Frank Emmert, Jeremiah Hubbard, and Alan Gengenbach.**

To Explore the Role of the GXXXP Motif in the Post-transfer Editing Function of Prolyl-tRNA Synthetases. **Brianne Shane and Sanchita Hati.**

Mass Spectrometric Analysis of Methanobactin. **Staci Solin, Aaron Wingad and Marc McEllistrem.**

Mutational Study in *E.coli* ProRS to Identify the Role of Two Highly Conserved Residues E218 and R299 in Catalysis, Editing, and tRNA Binding. **Kristina Weimer and Sanchita Hati.**

New Analytical Strategies for Characterization of Oxidized Hydrocarbons in the Atmosphere. **Anna Volkert and James Boulter.**

Nuclear Magnetic Resonance Studies of Mucin Peptides. **Daniel Rose and Thao Yang.**

Synthesis of Amide, Alkene, Alkyne and Aryl Pyridone Derivatives. **David Witte, Jason Greuel, Clinton Cook** and Kurt Wiegel.

A Theoretical Investigation of the Modulation of Reduction Potential of Flavin by a Cancer Prodrug CB-1954 in a Quinone Reductase. **Vang Yang** and **Sudeep Bhattacharyya.**

University Research & Creative Activity (URCA)/Faculty Sabbatical

Evaluation of Chromium Compounds in Industrial Catalysis. **Michael Carney.** Sabbatical.

Summer Research Experiences for Undergraduates Grants

Adsorption Interactions of Cyclic Hydrocarbons and Heterocyclic Analogues on Ammonia Ice Films: Applications to the Jovian Atmosphere. **Chase Sova** and **James Boulter.**

Bioinorganic Catalysts for Azo Dye Oxidation. **James Thomas** and **Alan Gengenbach.**

Condensed Phase Effects on the Structural Properties of Friedel-Crafts Intermediates: R-F-BF3. **John Wrass** and **James Phillips.**

To Develop a Molecular-Level Understanding of the Domain-Domain Communications in Aminoacyl-tRNA Synthetases. **Bach Cao** and **Sanchita Hati.**

To Develop a Molecular-Level Understanding of the Domain-Domain Communications in Aminoacyl-tRNA Synthetases. **Brianne Shane** and **Sanchita Hati.**

Exploring the Regulation of Flavin's Oxidation-Reduction Potentials in a Quinone Reductase Using Computational Methods. **Vang Yang** and **Sudeep Bhattacharyya.**

**Initial Testing of a Molecular Beam Epitaxy System. Aaron Wingad** and **Marc McEllistrem.**

Mesogens with Variable Geometries: Azo-Based Liquid Crystalline Polymers and Networks Formed Through Covalent or Hydrogen Bonds. **David Witte** and **Kurt Wiegel.**

Morphology of Mixed Ammonia Hydrate and Sulfide Ice Films: Applications to the Jovian Atmosphere. **Skye Doering, Kirsten Strobush** and **James Boulter.**

Probing the Molecular Architecture of Iron-based Catalysts for the Aziridination of Olefins. **Katie Klotz** and **Jason Halfen.**
Structural Characterization of Methanobactin. **Lee Behling** and **Scott Hartsel**.

Study of Correlated Integrals for the Atomic Few-electron Problem. **Ryan Foster**, **Adam Malone** and **Frederick King**.

Synthesis of Mucin Peptides. **Daniel Rose** and **Thao Yang**.

Synthesis of Vitamin K Analogues. **Gina Macek** and **David Lewis**.

**UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008**

A Comparison of Metalloporphyrin and Peroxidase Catalyzed Oxidation of Azo Dyes. **Frank Emmert**, **Jeremiah Hubbard** and **Alan Gengenbach**.

Delta Thigh Project II. **Dylan Thomas**, **Benjamin Carolan** and **Scott Hartsel**.

Density Functional Calculations and HOMO/LUMO Orbital Structure as a Probe of Hydrogen Bond Strength and Mesophase Stability in Supramolecular Liquid Crystalline Polymers and Small Molecules. **Clinton Cook** and **Kurt Wiegel**.

To Develop a Molecular-Level Understanding of the Domain-Domain Communications in Aminoacyl-tRNA Synthetases. **Brianne Shane** and **Sanchita Hati**.

**Domain-Domain Communication for tRNA Aminoacylation: Importance of Evolutionarily Conserved and Energetically Coupled Residues. Brianne Shane, Kristina Weimer and Sanchita Hati.**

Enzyme and Metalloporphyrin Catalyzed Oxidation of Amine-Containing Azo Dyes. **Frank Emmert**, **Jeremiah Hubbard** and **Alan Gengenbach**.

Exploring Cooperative Domain Dynamics in *Thermus thermophilus* Leucyl-tRNA Synthetase Using Low-frequency Normal Mode

Calculations and Statistical Coupling Analysis. **Kristina Weimer**, **Brianne Shane**, **Michael Brunetto**, **Sanchita Hati** and **Sudeep Bhattacharyya**.

Exploring the Regulation of Flavin's Oxidation-Reduction Potentials in a Quinone Reductase Using Computational Methods--Early Start Up. **Vang Yang** and **Sudeep Bhattacharyya**.

The High-Speed, High-Precision Evaluation of 4-Electron Integrals. **Adam Malone**, **Ryan Foster** and **Frederick King**.

Is it Time to Change the Oil Yet? Monitoring Engine Wear. **Gina Macek** and **David Lewis**.

LC-MS Analysis of Biogenic Carbonyl Compounds Using Novel Derivatization Agents. **Anna Volkert** and **James Boulter**.

Low-Temperature Ammonia Ices: Structure and Interactions with Organic Adsorbates. **Kirsten Strobush**, **Skye Doering** and **James Boulter**.

Mesogens with Variable Geometries: Azo-Based Liquid Crystalline Polymers and Networks Formed Through Covalent or Hydrogen Bonds. **David Witte** and **Kurt Wiegel**.

Morphology of Mixed Ammonia Hydrate and Sulfide Ice Films: Applications to the Jovian Atmosphere. **Skye Doering**, **Kirsten Strobush** and **James Boulter**.

**Mutational Study in *E.coli* ProRS to Identify the Role of Two Highly Conserved Residues E218 and R299 in Catalysis, Editing, and tRNA Binding. Kristina Weimer and Sanchita Hati.**

Non-heme Iron Compounds Mediate the Aziridination of Alkenes and the Amidation of Alkanes. **Katie Klotz** and **Jason Halfen**.

New Analytical Strategies for Characterization of Oxidized Hydrocarbons in the Atmosphere. **Anna Volkert** and **James Boulter**.


Progress Toward Tröger’s Base Precursors. Elizabeth Raupach and David Lewis.


Study of Correlated Integrals for the Atomic Few-electron Problem. Ryan Foster, Adam Malone and Frederick King.

Supramolecular Liquid Crystalline Polymers and Small Molecules Formed From 2-pyridone Assemblies. David Witte and Kurt Wiegel.


Thermoreversible Liquid Crystalline Networks. Jason Greuel, Paul Yanzer and Kurt Wiegel.

Children’s Center

Extramural and UW-System Grants


College of Arts & Sciences

Publications


Communication & Journalism

Publications


Reported Argumentativeness and Verbal Aggressiveness Levels: Type of Argument as a Situational Constraint. Communication Studies 58 (2007): 189-205. A. J. Johnson, University of...
Oklahoma, Jennifer Becker, S. Wigley, Texas Tech University, M. M. Haigh, Pennsylvania State University, and E. Craig, University of Oklahoma.

**Faculty/Student Research Collaboration Grants**

**Leadership Communication Behaviors and Conflict Management.** Jamie Daley, Darrik Erikstrup and Martha Fay.

**University Research & Creative Activity (URCA)/Faculty Sabbatical**


International Awareness through Intercultural Radio Interviews. Judy Sims. URCA.

**Summer Research Experiences for Undergraduates Grants**

News as Propaganda in North Korea: Implications for Public Opinion Research. Hye Young Han, Chang Bong Ok, and Won Yong Jang.

**UW-Eau Claire Student Research Day—Poster Session, 28-29 Apr. 2008**

An Analysis of Social Distancing Related to College Students’ iPod Use. Eileen Wesener, Laura Lynn Lammar, Michael Hildebrandt, Michael Boley, Mallory Markham, Tyler Slaby and Jennifer Becker.

A Coach’s Communication Strategy Related to a Collegiate Player’s Motivation to Perform as an Athlete. Melissa Taylor, Dana Neil, Amy Schmidt, Maria Soricelli, Andrea Pendergast and Jennifer Becker.


Facebook Friends Near and Far. Megan Kirt, Michelle Clemens, Kelsey Gustafson, Nicholas Miller, Katie Brandt and Jennifer Becker.


Ideology and News Coverage in North Korea. Chang Bong Ok, Hye Young Han and Won Yong Jang.


News as Propaganda in North Korea: Implications for Public Opinion Research. Hye Young Han, Chang Bong Ok and Won Yong Jang.

Portrayal of Hispanic Culture in Advertising. Ashley Friedrich, Grace Pellegrino, Kristi Olson, Kelly Sprague and Martha Fay.

Predictors of Academic Achievement of College Seniors. Jenna Schnell, Anna Ryan, Shari Lau, Sarah Chiodo and Martha Fay.


Student Perceptions of Cell Phone Use in Social and Academic Settings. Kristin Hartman, Andrea Thelen, Nicole Lillis, Jason Perry,
Aaron Frase, Jenna Johnson and Jennifer Becker.

Team Leadership, Communicator Competence and Job Satisfaction. Joseph Lasley, Amy O’Connor, Melissa Fordahl and Martha Fay.

Communication Sciences & Disorders

Publications


National and Regional Conference Presentations


Extramural and UW-System Grants


Faculty/Student Research Collaboration Grants


Alyssa Retzloff, Pakou Vang and Marie Stadler.

The Effect of Lemon Ice on Food Intake and Mealtime Duration in Persons with Probable Alzheimer’s Disease who are Feeding Dependent. Tae Asahina and Larry Solberg.


Phonological Acquisition in Bilateral Cleft Palate. Kelly Bernhardt, Lauren Derksen, Abby Freiborg, Lisa Govier, Anna Talbot and Timothy Lippold.

Risk Factors of Childhood Stuttering Persistence Related to Treatment Outcomes. Emily Leitner, Katelyn Van Dreese and Lisa LaSalle.

UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008


The Effect of Lemon Ice on Swallowing in Persons with Dementia. Tae Asahina and Larry Solberg.

Perceptual Voice Ratings of Individuals with Cleft Palate. Lisa Govier, Lauren Derksen, Anna Talbot, Abby Freiborg, Kelly Bernhardt and Kristine Retherford.

Risk Factors of Childhood Stuttering Persistence Related to Treatment Outcomes. Emily Leitner, Katelyn Van Dreese and Lisa LaSalle.

Student and Faculty Views of Learning with Technology. Jenna Komarek and Linda Carpenter.

Student Presentations


Perceptual Voice Ratings of Individuals with Cleft Palate. 22nd National Conference on Undergraduate Research, Salisbury, MD, 10-12 Apr. 2008. Lisa Govier, Lauren Derksen, Anna Talbot, Abby Freiborg, Kelly Bernhardt and Kristine Retherford.


Computer Science

Publications


National and Regional Conference Presentations with Published Abstracts

Faculty/Student Research Collaboration Grants


Behavioral Simulation with Numerical Artificial Neural Networks and Symbolic Artificial Intelligence. John Koenig and Paul Wagner.

Creating an Interactive Stereographical 3D Environment. Alexander Cobian and Daniel Stevenson.

Enhancing the Price/Performance of a Clustered Multiprocessor System. Joseph Myre and Daniel Ernst.


UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008

Creating an Interactive Stereographical 3D Environment. Alexander Cobian and Daniel Stevenson.

Enhancing the Price/Performance of a Clustered Multiprocessor System. Joseph Myre and Daniel Ernst.

Implementing Auto-focus in a Stereographical Projection System. Alexander Cobian and Daniel Stevenson.


Student Presentations


National and Regional Conference Presentations


Extramural Grants


Faculty/Student Research Collaboration Grants

Community Case Studies in Collaborative Leadership II. Nancy Dohr and Robert Hollon.

Does It Reflect Your World?: Middle School Students’ Reactions to Novels with Middle School Characters. Kelly Pietsch and Robin Umber.


Curriculum & Instruction/Sociology

Summer Research Experiences for Undergraduates Grants


Curriculum & Instruction/Special Education

National and Regional Conference Presentations

Economics

Extramural Grants


Faculty/Student Research Collaboration Grants


Summer Research Experiences for Undergraduates Grants

An Analysis of Recent Changes in the U.S. Wage Distribution. Thomas Michels and David Schaffer.

UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008


An Analysis of Recent Changes in the U.S. Wage Distribution. Thomas Michels and David Schaffer.


The Eau Claire Investment Track: A First Quarter Comparison of Investment Alternatives over Four Years. Dan Platta, Ryan Tessmer, Eric Pritz, David Hennick, Hugh Bealka and Eric Jamelske.

Foreign Direct Investment Flow and Intra-region Trade in East Asian Countries: The Use of Gravity Model. Xiao Zeng and Maria Dacosta.


Student Presentations


Economics/Foreign Languages

UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008

Economics/Psychology

Faculty/Student Research Collaboration Grants


Summer Research Experiences for Undergraduates Grant


UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008


Findings from an Evaluation of the USDA Fresh Fruit and Vegetable Program in Wisconsin Schools after One Year. Brandon Lauersdorf, Kathryn Glodowski, Beth Lutz, Eric Jamelske, Economics, and Lori Bica, Psychology.

Educational Opportunity Center

Extramural and UW-System Grants


English

Publications


National and Regional Conference Presentations

The Effectiveness of Student-Developed Interactive Web Sites in the Literary Theory Classroom. Poster presented at the 4th Annual Teaching & Learning Symposium, University of Wisconsin-Eau Claire, Eau Claire, WI, 27 Aug. 2007. Cayla Fleck and JoAnne Juett.


Faculty/Student Research Collaboration Grants

Screenplay: Struggles Over Alternative and Non-Traditional Forms of Loving and Familial Relations on a Contemporary US University Campus. John Nicksic and Bob Nowlan.

University Research & Creative Activity (URCA)/Faculty Sabbatical


Book and Article Completion. JoAnne Juett. URCA.


Popular Culture and the Loss of Utopian Thought. Stacy Thompson. URCA.

Revision of conference paper and scholarly article on Tim O'Brien's short story, "Sweetheart of Song Tra Bong". Jennifer Shaddock. URCA.

UW-Eau Claire Student Research Day—Poster Session, 28-29 Apr. 2008


Student Presentations


English/Multicultural Affairs

Faculty/Student Research Collaboration Grants

Denver March: The Contemporary Pow-wow Explained. Michael Ojibway, Lyndsay Nelson,
Robert Hart, Debra K. S. Barker, English, and Odawa White, Multicultural Affairs.

Field Experience

Extramural and UW-System Grants

Peer Review and Mentoring Project. State of Wisconsin Dept of Public Instruction. $20,000. Jill Prushiek.

Financial Aid

Extramural and UW-System Grants


Foreign Languages

Publications


Faculty/Student Research Collaboration Grants

German Settlement of Chippewa County Before the Civil War. Alex Dohm and Johannes Strohschank.

Latinas Making Documentary Films. Maria Boland and Eva Santos-Phillips.

Research in Phonetics Acquisition as L2 in Spanish 201/202;301/302: Affective and Contextual Factors. Cody Meyers, Bryan Hardel, Lindsy Leith, Maria Boland, Bobbi Tworek, and Fabiola Varela-Garcia.

Research in Phonetics Acquisition as L2 in Spanish 325: Affective and Contextual Factors. Julie Bezzerides, Kathryn Iannone, Marc Jerue, Ashley Ritter, Rogelio Encizo, Sara Schroth, and Fabiola Varela-Garcia.
University Research & Creative Activity (URCA)/Faculty Sabbatical

A Book on Manuel José Quintana and the Aesthetics of the Sublime. José Valero.

Identifying the Geographic Origins of 19th Century German Immigrants to Wisconsin. Johannes Strohschank. URCA.

Ctesias' Persica and Greek-Persian Diplomatic Relations. Matt Waters. URCA.

Summer Research Experiences for Undergraduates


Connections. Sarah Adams, Carrie Brandt, and Dale Gable.

Transcribing a German Immigrant's Diary from July, 1853 to Dec., 1854. Kristin Gilbank and Johannes Strohschank.


UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008


Brazilian Travesti. Kristin Schuck and Analisa De Grave.

An Investigation of World Language Teaching Methodologies and Language Usage in the Classroom. Kaitlyn Hellenbrand and Anne Cummings Hlas.

Señorita Extraviada: Latina Documentary Filmmakers. Maria Boland and Eva Santos-Phillips.

Phonetics: A Pedagogical Tool in a College-level Beginner French Course. Caryn Drewiske and Jessica Miller.

Foreign Languages/Economics

Faculty/Student Research Collaboration Grants


UW-Eau Claire Student Research Day—Poster Session, 28-29 Apr. 2008


Foundations of Education

Publications


National and Regional Conference Presentations


Faculty/Student Research Collaboration Grants

The Investigation and Creation of a Peer Mentoring Program for Students in the College of Education and Human Sciences at UW-Eau Claire. Sheila Runge, Elizabeth Crammond, and Jill Prushiek.

University Research & Creative Activity (URCA)/Faculty Sabbatical


UW-Eau Claire Student Research Day—Poster Session, 28-29 Apr. 2008

The Investigation and Creation of a Peer Mentoring Program for Students in the College of Education and Human Sciences at UW-Eau Claire. Sheila Runge, Elizabeth Crammond, and Jill Prushiek.

Geometry & Anthropology

Publications


Groundwater Surface Trends from Ground Penetrating Radar (GPR) Profiles Taken Across Late Holocene Barriers and Beach Plains of the Columbia River Littoral System, Pacific


National, Regional and International Conference Presentations with Published Abstracts

The Aqueduct System and Latrine Site at Qumran. 9th Annual Batchelder Conference for Biblical Archaeology, University of Nebraska-Omaha, Omaha, NE, 8-10 Nov. 2007. Abstract published in conference proceedings: 2. P. Reeder, University of South Florida, and Harry M. Jol.


Ground Penetrating Radar Investigations at the Western Wall, Israel. 9th Annual Batchelder Conference for Biblical Archaeology, University of Nebraska-Omaha, Omaha, NE, 8-10 Nov. 2007. Abstract published in conference proceedings: 3. Harry M. Jol, P. Bauman, WorleyParson Komex, and D. Bahat, University of Toronto, Former Chief Archaeologist Jerusalem.

Har Karkom, Israel – A Proposed Site for Mt. Sinai: Recent Geophysical and Mapping Research. 9th Annual Batchelder Conference for Biblical Archaeology, University of Nebraska-Omaha, Omaha, NE, 8-10 Nov. 2007. Abstract published in conference proceedings: 2. Harry M. Jol, Jacob McDonald, P. Reeder, University of South Florida, and P. Bauman, WorleyParsons Komex.


Phase I Archaeological Investigation of a Trout Habitat Improvement Project along Pine Creek, Town of Maiden Rock, Pierce County, Wisconsin. WI Dept of Natural Resources. $1,450. Robert Barth.

The Geography of Fans of the National Hockey League: A Cartographic and Statistical Analysis. Katherine Patterson, Tyler Gibson, Joseph Kelly, and Brady Foust.


An Investigation of Eolian Sand Dunes, a Major Component of the Lower Chippewa River Valley Landscape. Lindsay Olson, Garry Running, and Joseph Hupy.
An Investigation of Late Quaternary Fluvial Landforms within the Lower Chippewa River Valley. **Phillip Larson, Adam Krieger, Douglas J. Faulkner, Sean Hartnett, Harry M. Jol, and Garry Running.**

Mapping Vegetation Change on the Lower Chippewa River. **Jackie Ebert, Christina Hupy, and Douglas J. Faulkner.**

Radio City Music Hall Attendance Analysis. **Jessica Sager and Brady Foust.**

Place-Characteristics of Indian Immigrant Neighborhoods in New York City. **Daniel Berens and Brady Foust.**

Reconstructing Historical Channel Change Along the Lower Chippewa River. **Beth Ellison, Douglas J. Faulkner, and Sean Hartnett.**

Relationships of Socioeconomic Variable on 7th Avenue, New York City. **Corey Gannon and Brady Foust.**

Searching for Mount Sinai, Har Karkom “Mountain of Sanctuaries.” **Jacob McDonald and Harry M. Jol.**

Subaqueous Industrial Waste in Half Moon Lake: Using Vibra-Cores to Better Understand Half Moon Lake. **W. Patrick Dryer and Harry M. Jol.**

University Research & Creative Activity (URCA)/Faculty Sabbatical

Comparative International Food systems: Turkey and Finland. **Paul Kaldjian.** Sabbatical.

Strengthening External Grant Proposals: Acquisition of Additional Chronostratigraphic Control on Landforms in the Lower Chippewa River Valley. **Garry Running.** URCA.

Running the Rift: A Geographical and Historical Appraisal of the Rift Valley Distance Running Rivalry Between Ethiopia and Kenya. **Sean Hartnett.** Sabbatical.

Summer Research Experiences for Undergraduates Grants

Creating a GIS Database for Pre-Contact Archaeological Sites in the Red Cedar River Valley. **Jacob McDonald, Robert Barth, Garry Running, and Douglas J. Faulkner.**

Late-Glacial and Post-Glacial Geomorphic History of the Lower Chippewa River: A Confluence Center Investigation. **Phillip Larson, Eugene Boyd, Lindsay Olson, Garry Running, Douglas J. Faulkner, Sean Hartnett, and Harry M. Jol.**

Mapping Vegetation along the Lower Chippewa River. **Bethany Nelson, Christina Hupy, and Douglas J. Faulkner.**

Modeling Suburban Expansion along the I-94 Corridor: Street Intersection Density. **Rachel Kjos, Brady Foust, and Lisa Theo.**

Reconstructing Historical Channel Change Along the Lower Chippewa River. **Beth Ellison, Douglas J. Faulkner, and Sean Hartnett.**

The Role of Ghosts and Ancestor Worship in Contemporary Chinese Society. **Gloria Young and Daniel Strouthes.**

Showcasing the Lower Chippewa River Valley: Developing State-of-the-Art Map, Picture, and Video Portrayals of a World Class Natural Area. **Nathan Christ and Sean Hartnett.**

Strengthening External Grant Proposals: Acquisition of Additional Chronostratigraphic Control on Landforms in the Lower Chippewa River Valley. **Ben Young, Danielle Swartz, Taylor Crist, Garry Running, Douglas J. Faulkner, Harry M. Jol, Joseph Hupy, Christina Hupy, and Sean Hartnett.**

Using Ground Penetrating Radar to Better Understand Environmental Changes along the Carmel Coast, Israel and to Map Organic-Sediment Thickness within Half Moon Lake, WI. **W. Patrick Dryer and Harry M. Jol.**
Aerial Tour of the Lower Chippewa River Valley. **Nathan Christ, Korah Petraske, and Sean Hartnett.**

Clean Commuting and College Campuses: Network Analysis to Identify Car-Free Travel Routes in Eau Claire, WI. **Amy Wichlacz, Eugene Boyd, Christina Hupy, and Paul Kaldjian.**

Creating a GIS Database for Pre-Contact Archaeological Sites in the Red Cedar River Valley. **Jacob McDonald, Robert Barth, Garry Running, and Douglas J. Faulkner.**

Demographics of New York Greenspaces. **Wesley Sherry and Brady Foust.**

Geographic Analysis of Relationship between Income and Distance along Park Avenue in Manhattan. **Andrew Kelton and Brady Foust.**


Ground Penetrating Radar Aided Archaeological Survey on Har Karkom (Mt. Sinai?), Israel. **Jacob McDonald and Harry M. Jol.**

Historical Channel Change of the Lower Chippewa River in West-Central Wisconsin. **Amy Wichlacz, Beth Ellison, and Douglas J. Faulkner.**

Interpreting the Past for the Public. **Jessica Soine and Robert Barth.**

An Investigation of Eolian Sand Dunes, a Major Component of the Lower Chippewa River Valley Landscape. **Lindsay Olson, Garry Running, and Joseph Hupy.**

An Investigation of Late Quaternary Fluvial Landforms within the Lower Chippewa River Valley. **Phillip Larson, Adam Krieger, Douglas J. Faulkner, Sean Hartnett, Harry M. Jol, and Garry Running.**

Key Socioeconomic Variables and Distance Along Fifth Avenue in Manhattan. **Nicholas Johnson and Brady Foust.**

Land Value Along Park Avenue in New York City. **Blake Christenson and Brady Foust.**

Late Quaternary Eolian Dunes and Fluvial Terraces of the Lower Chippewa River Valley. **Phillip Larson, Lindsay Olson, Garry Running, Douglas J. Faulkner, Harry M. Jol, and Joseph Hupy.**

Mapping Vegetation Change on the Lower Chippewa River. **Jackie Ebert, Christina Hupy, and Douglas J. Faulkner.**

Radio City Music Hall Attendance Analysis. **Jessica Sager and Brady Foust.**

Place-Characteristics of Indian Immigrant Neighborhoods in New York City. **Daniel Berens and Brady Foust.**

Reconstructing Historical Channel Change Along the Lower Chippewa River. **Beth Ellison, Douglas J. Faulkner, and Sean Hartnett.**

Relationships of Socioeconomic Variables on 7th Avenue, New York City. **Corey Gannon and Brady Foust.**

Searching for Mount Sinai, Har Karkom “Mountain of Sanctuaries.” **Jacob McDonald and Harry M. Jol.**
Showcasing the Lower Chippewa River Valley: Developing State-of-the-Art Map, Picture, and Video Portrayals of a World Class Natural Area. Nathan Christ and Sean Hartnett.


Subsurface Imaging of South Brighton Spit, Christchurch, New Zealand Part II: Coastal Processes and Data Interpretation. W. Patrick Dryer, Jackie Ebert, Bryan Vickroy, Keith Erickson, Chris Below, Beth Ellison, Adam Rubach, Todd Wermager, Harry M. Jol, and David Nobes, University of Canterbury.

Subway Stations and Ridership in New York City. Mary Allman and Brady Foust.

Using Ground Penetrating Radar to Better Understand Environmental Changes along the Carmel Coast, Israel and to Map Organic-Sediment Thickness within Half Moon Lake, WI. W. Patrick Dryer and Harry M. Jol.


Student Presentations


Geography & Anthropology/Biology

National and Regional Conference Presentations with Published Abstracts


Geography & Anthropology/Geology

Publications

Geoarchaeological Contributions to Archaeological Investigations in the GLHB. Canadian Journal of Archaeology, Special Ed. B.A. Nicholson and D. Wiseman. SCAPE Issue
GEOGRAPHY & ANTHROPOLOGY/
GEOLGY

31.3 (2007): 222-250. Garry Running,
Geography and Anthropology, Karen Havholm,
Geology, M. Boyd, Lakehead University
(Ontario, Canada), and D. Wiseman, Brandon
University (Manitoba, Canada).

Geography & Anthropology/
McNair Program

Summer Research Experience for
Undergraduates Grant

Testing Segregation Measurements in
Milwaukee: Reality vs. Perception. Joseph
Kelly, Lisa Theo, UW-Stevens Point, Monty
Ernst, McNair Program, and Patricia Quinn,
McNair Program.

UW-Eau Claire Student Research Day
Poster Session, 28-29 Apr. 2008

Testing Segregation Measurements in
Milwaukee: Reality vs. Perception. Joseph
Kelly, Lisa Theo, UW-Stevens Point, Monty
Ernst, McNair Program, and Patricia Quinn,
McNair Program.

Geology

Publications

Analysis of Arsenic Speciation in Mine
Contaminated Lacustrine Sediment Using
Selective Sequential Extraction, HR-ICPMS and
TEM. Applied Geochemistry 23.4 (Apr. 2008):
692-704. Kelly L. Haus, Virginia Polytechnic
Institute and State University, Robert Hooper,
Laura Strumness, and J. Brian Mahoney.

The Catalina Schist: Evidence for Mid
Cretaceous Subduction Erosion of Southwestern
North America. Special Paper 436: Formation
and Applications of the Sedimentary Record in
Arc Collision Zones. Geological Society of
of California, Los Angeles, G.E. Bebout, Lehigh
University, C.E. Jacobson, Iowa State
University, A.P. Barth, Purdue University, D.L.
Kimbrough, San Diego State University, R.L.
J. Brian Mahoney, Washington State University, H. Zou,
University of California, Los Angeles, O.M.
Lovera, University of California, Los Angeles,
J. Brian Mahoney and G.E. Gehrels, University
of Arizona, Tuscon.

Geology, Kitlope Lake (93E/04), British
Columbia. Geological Survey of Canada, Open
File 5588; Geoscience BC Map 2007-11-4, 1
sheet, scale 1:50. 2007. J. Brian Mahoney, J.W.
Haggart, Geological Survey of Canada, G.J.
Woodworth, Geological Survey of Canada,
Robert Hooper, and Lori Snyder.

Geology, parts of Chikamin Mountain and
Troitsa Lake (93E/06, 11), British Columbia.
Geological Survey of Canada, Open File 5586;
Geoscience BC Map 2007-11-2, 1 sheet, scale
1:50,000. 2007. J. Brian Mahoney, J.W.
Haggart, Geological Survey of Canada, Robert
Hooper, Lori Snyder, and G.J. Woodworth, Geological Survey of Canada.

Geology, Tahtsa Peak (93E/12), British
Columbia. Geological Survey of Canada, Open
File 5585; Geoscience BC Map 2007-11-1, 1
sheet, scale 1:50,000. 2007. J. Brian Mahoney,
J.W. Haggart, Geological Survey of Canada,
Robert Hooper, Lori Snyder, and G.J.
Woodworth, Geological Survey of Canada.

Geology, Tsaytis River (93E/05), British
Columbia. Geological Survey of Canada, Open
File 5587; Geoscience BC Map 2007-11-3, 1
sheet, scale 1:50,000. 2007. J. Brian Mahoney,
J.W. Haggart, Geological Survey of Canada,
Robert Hooper, Lori Snyder, and G.J.
Woodworth, Geological Survey of Canada.

Glaciation of Wisconsin, 3rd ed. Wisconsin
Geological and Natural History Survey
Clayton, Wisconsin Geological and Natural
History Survey, J.W. Attig, Wisconsin
Geological and Natural History Survey, D.M.
Mickelson, University of Wisconsin-Madison,
M.D. Johnson, University of Göteborg, and
Kent Syverson.


National and Regional Conference Presentations with Published Abstracts


National and Regional Conference Presentations


Extramural and UW-System Grants


Faculty/Student Research Collaboration Grants


Investigation of Agricultural and Domestic Pollution of Lake Altoona, Wisconsin. Emilia Teige and Bianca Pedersen.

University Research & Creative Activity (URCA)/Faculty Sabbatical

Evolution of an Early Jurassic Forearc Basin: Stratigraphic Analysis of the San Hipolito Section, Baja del Sur, Mexico. Julia Potter and Lori Snyder. URCA.

Exploration of new sample preparation techniques for TEM examination of nano-crystalline materials. Robert Hooper. URCA.


Summer Research Experiences for Undergraduates Grants

Assessment of Multi-Element Contaminant Transport Pathways, Coeur d’Alene River, Northern Idaho. Katherine Grundl, Karl Meitzner, Robert Hooper, and J. Brian Mahoney.

Glacial Geology of the Bangor Quadrangle, South-Central Maine. Andrew Thompson and Kent Syverson.

High-Precision Surveys of the Suncook River Avulsion Site. W. Patrick Dryer and Chad Wittkop.

Quantifying H2O Diffusion in Quartz: Phase II of a Faculty-Student Collaborative Research Project. David Kawatski, Steve Henke, Daniel Steltz, and Phillip Ihinger.

Relationship Between Magmatism, Deformation and Economic Mineralization in the Coast Plutonic Complex, British Columbia, Canada. Bryan Hardel and Geoffrey Pignotta.


UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008


Evidence for a Calving Embayment in the Penobscot River Valley, Bangor, Maine. Andrew Thompson, and Kent Syverson.

Examining Cretaceous Strata of the Taylor Creek Group in British Columbia: Potential Connection of the Methow and Tyaughton Basins. Michelle Forgette and J. Brian Mahoney.

Geochemical Characterization of Magma Source(s) and Compositional Variation within the Incrementally Emplaced Jackass Lakes Pluton, Sierra Nevada Batholith, California. Heidi Stanek and Geoffrey Pignotta.

Geochemical Correlation of Coeval Volcanic and Plutonic Rocks from the Incrementally Emplaced Jackass Lake Pluton, Sierra Nevada Batholith, CA. Anne Gauer and Geoffrey Pignotta.

Geochemistry of the Elkhorn Mountains Volcanics: Insights into Late Cretaceous Magmatic Evolution of Southwestern Montana. Alexandra Guy, Phillip Ihinger, and J. Brian Mahoney.


Glacial Geology of the Bangor Quadrangle, South-Central Maine. Andrew Thompson and Kent Syverson.

Investigation of Agricultural and Domestic Pollution of Lake Altoona, Wisconsin. Emilia Teige and Bianca Pedersen.

Investigation of Trace Metals for Distinction of Pollution Sources to Lake Altoona, West-Central Wisconsin. David Fairbairn and Bianca Pedersen.

Mapping of Spring Discharge into Lake Altoona. Emilia Teige and Bianca Pedersen.

Modeling Middle Devonian Nickel Deposition in the Selwyn Basin, Northern Yukon. Elizabeth Balgord, J. Brian Mahoney, and Robert Hooper.


Obsidian Hydration Dating of Archeological Artifacts from the Middle East: Characterizing Compositional Variations of Potential Volcanic Sources. Giselle Conde, Jenny Sisko, Phillip Ihinger, and Ellery Frahm, University of Minnesota.

Redefinition of the Precambrian-Cambrian Contact in Southwestern Montana. Elizabeth Balgord, Michelle Forgette, J. Brian Mahoney and Phillip Ihinger.

Reinterpretation of the Middle Proterozoic(?) Devils Island Sandstone, Keweenawan Rift, Northern Wisconsin. Lynn Galston, Karen Havholm, and Stephen Hasiotis, University of Kansas.

Synorogenic Basin Evolution in the Cordillera Frontal, Argentina. Shane Peterson, Michelle Forgette, Bryan Hardel, Julia Potter, Phillip Larson, Taylor Crist, Heidi Stanek, and J. Brian Mahoney.

Trace Metal Distribution Within the Fluvial Levee Samples in the Coeur d'Alene River, Idaho. Adam Krieger, Brooke Fahrenkrog, J. Brian Mahoney, and Robert Hooper.

Geology/Materials Science Center

UW-Eau Claire Student Research Day—Poster Session, 28-29 Apr. 2008

Detailed Geochemical Analysis of the Valle Group Forearc Basin, Baja California, Mexico. Julia Potter, J. Brian Mahoney, Geology, Jill Ferguson, Materials Science Center, and Lori Snyder, Geology.

Geology/Physics & Astronomy

UW-Eau Claire Student Research Day—Poster Session, 28-29 Apr. 2008


History

Publications


Extramural and UW-System Grants


Faculty/Student Research Collaboration Grants

Clear Lake, Wisconsin Considers Its "Between Fences" History. Matthew Foss and James Oberly.

University Research & Creative Activity (URCA)/Faculty Sabbatical

Doctors and Clients in Yuan China. Reiko Shinno. URCA.


Summer Research Experiences for Undergraduates Grants

Early German Nationalism: A Lehmann Family History. Mathew Boyeson and Teresa Sanislo.

Teaching Ancient History in World History Courses at the High School Level. Sarah Scott and Matt Waters.
**UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008**

*Between Fences in Northwest Wisconsin: From Left to Right and Deep to Center.* Matthew Foss and James Oberly.

*Early German Nationalism: A Lehmann Family History.* Mathew Boyeson and Teresa Sanislo.


*Wall Street and the Man on the Whitehorse: The 1934 Coup Plot.* Katie Delacenserie and James Oberly.

**Student Presentations**


*Wall Street and the Man on the Whitehorse: The 1934 Coup Plot.* Katie Delacenserie and James Oberly.

**Human Development Center**

**Publications**


**Faculty/Student Research Collaboration Grants**

*Special Education Teachers Perceptions and Familiarity of Response to Intervention.* Sara Hoffman, Stephanie Pahl, Lindsey Sime, and William Frankenberger.

*Teacher Attitudes on the Use of the Responsive Classroom Approach.* Andrea Privratsky, Stephanie Pahl, and William Frankenberger.

**UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008**

*Special Education Teachers’ Perceptions and Familiarity of Response to Intervention.* Sara Hoffman, Stephanie Pahl, Lindsey Sime, and William Frankenberger.

*Teacher Attitudes on the Use of the Responsive Classroom Approach.* Andrea Privratsky, Stephanie Pahl, and William Frankenberger.

**Information Systems**

**National and Regional Conference Presentations**

INFORMATION SYSTEMS

UW-Eau Claire Student Research Day
Poster Session, 28-29 Apr. 2008

Consumer Preferences in Cyberspace - A
Comparison of Top Ranking E-Commerce
Websites in Nine Countries. Piyush Gupta and
Bruce Lo.

Kinesiology

Publications

A Comparison of VO2max and Other Metabolic
Variables Between Treadmill Running and
Treadmill Skating. Journal of Strength and
Kriston K. Koepp, South Dakota State
University, and Jeffrey Janot.

Development of a Metabolic Equation for
Elliptical Crosstrainer Exercise. Perceptual and
Dalleck and Len Kravitz, University of New
Mexico.

The Effects of Glycerol Ingestion on Fluid
Balance and Cardiovascular Hemodynamics in
Males During Hypobaric Hypoxia. Journal of
Orri, University of San Francisco, Robert A.
Robersg, University of New Mexico, Donna W.
Lockner, University of New Mexico, David S.
James, Four Corners Pulmonary and Critical
Care Medicine, Durango, CO, Ann L. Gibson,
Barry University, Erik Faria, University of New
Mexico, Derek W. Marks, Saint Mary’s College
of California, Heidi Weingart, Santa Fe
Community College, and Lance Dalleck.

Too much of 2 good things? IDEA Fitness
Journal, 4.7 (2007): 54-63. Kriston K. Koepp,
South Dakota State University, and Jeffrey
Janot.

A Moderate-Intensity Exercise Program,
Fulfilling The ACSM Net Energy Expenditure
Recommendation, Improves Health Outcomes In
Premenopausal Women. Journal of Strength and

Lance Dalleck, Erica Borresen, Jeanna T.
Wallenta, Kyle L. Zahler, and Eugene Boyd.

Pre-exercise Stretching Performance. IDEA
Janot, Lance Dalleck, and Corey Reyment.

National and Regional Conference
Presentations with Published Abstracts

Effects of a Four Week Plyometric Training
Program on Measurements of Power in Male
Collegiate Hockey Players. American College
of Sports Medicine Annual Meeting, New
Orleans, LA, June 2007. Abstract published in
Medicine and Science in Sports and Exercise
Lance Dalleck, Megan Bonis, Jacob
Lundquist, and Jeffrey Janot.

Cardiovascular Fitness and Body Composition
Exhibit a Dose-response Relationship with
Exercise Duration in Postmenopausal Women.
American College of Sports Medicine Northland
Chapter Meeting, St Cloud, MN, 31 Mar. 2007.
Brittany Allen, Bailey Hanson, Erica
Borresen, Mary Erickson, Sondra De Lap, and
Lance Dalleck.

Effect of Resistance Exercise Ordering on
Strength Development. American College of
Sports Medicine Northland Chapter Meeting, St.
Maggie Henjum, Brittan Funk, Lance
Dalleck, and Jeffrey Janot.

1-day Versus 3-day, 6-week Resistance Training
Program for the Maintenance of Strength.
American College of Sports Medicine Northland
Chapter Meeting, St Cloud, MN, 31 Mar. 2007.
Bryan DeJarlais and Jeffrey Janot.
The Cardiovascular and Metabolic Responses to
Water Aerobics Exercise in Middle-Aged and
Older Adults. Amy Nikolai, Brittany Novotny,
Cortney Bohnen, Kathryn Schleis, and Lance Dalleck.

Comparison of Single vs. Multiple Set
Resistance Training Programs. Stephanie Bickel, Steven Van Meter, Jenna Shatzer, Lance Dalleck, and Jeffrey Janot.

Effect of Resistance Exercise Ordering on
Strength Development. Janelle Schilter, Maggie Henjum, Brittani Funk, Lance Dalleck, and Jeffrey Janot.

Examining the Effects of Detraining and
Retraining on Health Outcomes in Community
Fitness Program Participants. Jenna Grotthus and Lance Dalleck.

Resting Metabolic Rate Measured by Oxygen
Consumption. Mitchell Davis and Don Bredle.


Updated Wingate Anaerobic Power Test Norms. Mike Borgertpoeppping, Brett Gressick, and Don Bredle.

Student Presentations

The Cardiovascular and Metabolic Responses to
Water Aerobics Exercise in Middle-Aged and

A Moderate-Intensity Exercise Program,
Fulfilling The ACSM Net Energy Expenditure
Recommendation, Improves Health Outcomes In
Premenopausal Women. Annual UW-System
Symposium for Undergraduate Research –

Management & Marketing

National and Regional Conference
Presentations with Published Abstracts

Customer Interactivity in New Product
Development and New Product Performance.
Product Development Management Association
International Conference Research Forum,

Extramural and UW-System Grants

MAGEC (Minnesota Area Geriatric Education
Center). U.S. Department of Health and Human

Partnerships in International Education. U.S.
Department of Education. $188,001. Rama Yelkur.

Workarounds: Developing Definition,
Measurement Strategies and Links to
Medication Errors. U.S. Department of Health

Faculty/Student Research Collaboration
Grants

Refinement of a Health Care Administrator
Skills Assessment Tool. Sara Aschenbrener, Jennifer Johs-Artisensi, and Douglas Olson.

Temporal Facets Teams and Team Leaders and
Their Impact Upon Team Processes and Team
Effectiveness. Julia Kramer and Rhetta Standifer.
University Research & Creative Activity (URCA)/Faculty Sabbatical

A Test of the Transaction Stress Model among Same-Career Couples. Jonathon Halbesleben. URCA.

Injury Reporting and Organizational Design Factors: Decentralization, Alignment, Influence. Kristy Lauver. URCA.

A Further Investigation of the Underlying Motives for Engaging in Organizational Citizenship Behavior. Scott Lester. URCA.

Summer Research Experiences for Undergraduates

Super Bowl Ad Likability: An In-Depth Longitudinal Analysis of the Driving Factors. Daniel Rozumalski, Justin Huegel, Chuck Tomkovick, and Rama Yelkur.

UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008

Development of a Self-Assessment Tool to Facilitate Decision-Making in Choosing a Major in Health and Aging Service Administration. Sara Aschenbrener, Jennifer Johs-Artisensi, and Douglas Olson.

The Impact of Temporal Diversity on Team Process and Team Effectiveness. Julia Kramer and Rhetta Standifer.


Temporal Facets Teams and Team Leaders and Their Impact Upon Team Processes and Team Effectiveness. Julia Kramer and Rhetta Standifer.

Management & Marketing/ Business Communication

National and Regional Conference Presentations


Management & Marketing/ Nursing

Faculty/Student Research Collaboration Grants

What is a Director of Nursing? Implementing a National Study. Kelsey Callahan, Douglas Olson, Management and Marketing, and Mary Zwygart-Stauffacher, Nursing.

Mathematics

Publications


North Carolina State University, Alice Fialowski, Eötvös Loránd University, and Michael Penkava.


National and Regional Conference Presentations with Published Abstracts


Extramural and UW-System Grants

UW-Eau Claire WI Department of Public Instruction Mathematics/Science Partnership. CESA #11. $12,000. Sherrie Serros.

Faculty/Student Research Collaboration Grants

Achieving Flow in Mathematics: Pilot Study in College Classrooms. Mark Frie and Christopher Has.

Analytic Method in Convex Geometry-How Much Do We Know About Busemann-Petty Problem. Yunyun Yang, Mitch Phillipson, Tanya Smeltzer, Alex Smith, and Simei Tong.

Factors Affecting Students’ Performance and Attitudes in Mathematics. Maggi Varsho and Susan Harrison.


Markov Chains and Student Academic Progress, II. Jessica Porath and Donald Reynolds.
Super-Resolution Imaging and Image Compression. **Gregory Beranek** and James Walker.

**University Research & Creative Activity (URCA)/Faculty Sabbatical**

Invariant Polynomials and Differential Operators. **Michael Howe**. URCA.


**Summer Research Experiences for Undergraduates**

Achieving Flow in Mathematics: Pilot Study. **Mark Frie** and Christopher Hlas.

Deformations of Infinity Algebras. **Christopher DeCleene** and Michael Penkava.

Effects of Elongational Viscosity on the Design of Extrusion Dies. **Frank Emmert** and Mohamed Elgindi.

Fractional Programming with Variable Coefficients. **Tyler Tallman**, **Alex Larsen**, Shyam Chadha, and Veena Chadha.

Markov Chains and Student Academic Progress. **Jessica Porath** and **Donald Reynolds**.

Solving Evacuation Problem in Emergency Flood Situation by Graph Theory and Simlex Method. **Mitch Phillipson** and Simei Tong.


**UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008**

Achieving Flow in Mathematics: Pilot Study in College Classrooms. **Mark Frie** and Christopher Hlas.


Deformations of Infinity Algebras. **Christopher DeCleene** and Michael Penkava.

Effects of Elongational Viscosity on the Design of Extrusion Dies. **Frank Emmert** and Mohamed Elgindi.

Factors Influencing Mathematics Performance and Attitudes. **Maggi Varsho** and Susan Harrison.

Fractional Programming with Variable Coefficients. **Tyler Tallman**, **Alex Larsen**, Shyam Chadha, and Veena Chadha.

A Generalized Linear Fractional Program. **Alex Larsen**, **Tyler Tallman**, Shyam Chadha, and Veena Chadha.

Infinity Algebras and Deformation Theory. **Christopher DeCleene**, **Eric Weber**, and Michael Penkava.

Introduction to the Busemann-Petty Problem. **Mitch Phillipson**, **Yunyun Yang**, Simei Tong, and Alex Smith.

Markov Chains and Student Academic Progress. **Jessica Porath** and **Donald Reynolds**.

A New Method of Cryptography. **Jacqueline Christy** and James Walker.

New Methods in Color Image Compression. **Gregory Beranek** and James Walker.
On the Computation of Elongational Viscosity-Shear Rate Temperature Master Curves for Polymeric Liquids. Frank Emmert and Mohamed Elgindi.

Solving Evacuation Problem in Emergency Flood Situation by Graph Theory and Simplex Method. Mitch Phillipson and Simei Tong.

Super-Resolution Imaging and Image Compression. Gregory Beranek and James Walker.

Student Presentations


Materials Science Center

Theoretical Investigation of Small Polyatomic Ions Observed in Inductively Coupled Plasma Mass Spectrometry: $\text{H}_x\text{CO}^+$ and $\text{H}_x\text{N}_2^+$ ($x = 1, 2, 3$). Journal of Physical Chemistry A 112 .12 (2008): 2610-2617. Kyle C. Sears, Iowa State University, Jill Ferguson, Timothy J. Dudley, Villanova University, R. S. Houk, Iowa State University, and Mark S. Gordon, Iowa State University.

McIntyre Library


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**Extramural and UW-System Grants**

*University of Wisconsin-Eau Claire McIntyre Library* Special Collections and Archives. National Endowment for the Humanities. $4,837. **Colleen McFarland**.

**University Research & Creative Activity (URCA)/Faculty Sabbatical**


**Music & Theatre Arts**

**National and Regional Conference Presentations**


**Faculty/Student Research Collaboration Grants**


*Investigation of Student Satisfaction with Dance Courses: Expectations and Responsibility*. **Samantha Michaelson**, **Brent Bergstrom** and Toni Pol-Sorensen.

*Samuel Barber’s Use of the Texts of James Joyce*. **Courtney Karns** and Mitra Sadeghpour.
Summer Research Experiences for Undergraduates

Composing a Musical. *Mary Webster* and *Ethan Wickman*.


Developing an International Musical Program for Performance by Blugold Marching Band. *Tyler Bartelt* and *Randy Dickerson*.


Degree and Capstone Recitals

*Senior Recital – Percussion.* Phillips Recital Hall, Eau Claire, WI. 1 Nov. 2007. *Sean Carey*.


UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008

Choral Handbook for Church Choirs. *Krysten Olson* and *Mitra Sadeghpour*.


From “Dido and Aeneas” to “Carmen”: An Exploration of the Role of Dance in Opera. *Andrea Fuss, Amanda Verstegen, Lauren Tompkins*, and *Mitra Sadeghpour*.


Inhibitions to Singing as Exhibited by College Students. *Vanessa Stacknik* and *Vanissa Murphy*.

Investigation of Student Satisfaction with Dance Courses: Expectations and Responsibility. *Samantha Michaelson, Brent Bergstrom*, and *Toni Poll-Sorensen*.

Samuel Barber’s Use of the Texts of James Joyce. *Courtney Karns* and *Mitra Sadeghpour*.
Student Presentations


Music & Theatre Arts/ Curriculum & Instruction

Publications


Nursing

Publications


National and Regional Conference Presentations


Undergraduate Nursing Students and Securing Evidence for Practice. 9th Annual Oncology Nursing Society Conference, 8-10 Feb. 2007. Susan Moch and Jessica Branson.

Extramural and UW-System Grants

Faculty Development: Integrated Technology into Nursing Education and Practice Initiatives. U.S. Department of Health and Human Services HRSA. $50,000. Debra Jansen and Mary Zwygart-Stauffacher.

Faculty Development Integrated Technology into Nursing Education and Practice Initiatives. U.S. Department of Health and Human Services/subaward UW-Madison. $30,000. Debra Jansen and Mary Zwygart-Stauffacher.


Faculty/Student Research Collaboration Grants

Assessing the Comfort of Emergency Medical Services with Providing Care to Children with Special Health Care Need. Megan Wertjes and Janice Berry.

Comparison of Cultural Competence Before and After an Immersion Experience in a Nursing Clinical. Lindsey Hintz and Janice Berry.


Personal Network Profiles of Women Accessing a Rural Health Department Clinic. Elizabeth Morseth and Rosemary Jadack.


Student-lead Team Model for Student/Faculty Research. Jessica Branson, Lisa Neseth, Karen Crowley, Gaotsong Thao and Susan Moch.

UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008


Assessing the Comfort Level of Emergency Medical Services with Providing Care to Children with Special Health Care Needs. Megan Wertjes and Janice Berry.

Diabetes Health Stories. Stephanie Vach and Sheila Smith.

Family Practice Physicians’, Nurse Practitioners’, and Physician Assistants’ Spiritual Care. Cynthia Chapek and Joan Stehle Werner.


Nursing Students' Cultural Competence: Pre and Post a Short Term Diverse Clinical Immersion Experience. Chelsea Goebel, Kathleen Henderson, and Rita Sperstad.

The Power of Thinking Without Even Thinking: An Examination of Prejudice Among Registered Practicing Nurses. Katherine German, Lee-Ellen Kirkhorn, and Susan Moch.

Social Network Profiles of Clients Accessing a Rural Health Department Clinic. Joseph Pruiks and Rosemary Jadack.

The “Spice of Life”: Community-Dwelling Elders’ Perceptions Regarding the Significance of Variety to Their Lives. Jennifer Hermsen, Stacie Druga, and Debra Jansen.

Undergraduate Students Lead Teams to Obtain Research for Practice. Lisa Neseth, Karen Crowley, Jessica Branson, Catherine Emmanuelle, Tiffeny Swenby, Kimberly Walde, Lindsey Gavronski, Katharine Divyak, Katie Danecki, Mia Nhia Vue, Gaotsong Thao, and Susan Moch.

Unraveling the Mystery of Mood and Exercise in Healthy Older Women: A Literature Review. Jillian Tapper and Lee-Ellen Kirkhorn.

Student Presentations


Nursing/Economics/Management & Marketing

National and Regional Conference Presentations


Faculty/Student Research Collaboration Grants


Summer Research Experiences for Undergraduates Grants


UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008


Student Presentations


Nursing/English

Publications

**NURSING/ENGLISH**

*Student/Faculty/Nursing Staff Teams Counteract Common Barriers to Evidence-Based Practice. Worldviews on Evidence-Based Nursing, 4.2 (2007): 112-5. Susan Moch, Nursing, and Ruth Cronje.*

**Nursing/Geography/ Curriculum & Instruction/ Learning Technology Services/ Social Work**

*National and Regional Conference Presentations with Published Abstracts*


**Nursing/Social Work/ Psychology/ Counseling Services**

*Publications*


**Philosophy & Religious Studies**

*Publications*


Faculty/Student Research Collaboration Grants

Ammachi: An Empowering Force for Female Devotees or Just Another Goddess? **Sarah Hestekin** and Scott Lowe.

**Critiquing the Causal Theory of Knowledge.** **Chris Dierich** and Kristin Schaupp.

University Research and Creative Activity (URCA)/Faculty Sabbatical

**Philosophy & Religious Studies. On the Photographic Transparency Thesis.** Sean McAleer. URCA.

**Philosophy and Religious Studies. Islam in Cyberspace.** **Steven Fink.** URCA.

Student Research Experiences for Undergraduates

Ammachi: An Empowering Force for Female Devotees or Just Another Goddess? **Sarah Hestekin** and Scott Lowe.

Archetypes, God-images, Gender, and Justification of Violence in Contemporary Paganism. **Laura Jones** and Charlene Burns.

**Philosophy Through Film: Nietzsche's Birth of Tragedy.** **Jeremy Ham, Maren Hoye, Grace Waring, Neil Chappell,** and Sean McAleer.

A Problem with the Causal Theory of Knowledge. **Chris Dierich** and Kristin Schaupp.

**UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008**

When Guru is God, and Guru is a Woman. **Sarah Hestekin** and Scott Lowe.

**Philosophy Through Film: Nietzsche's Birth of Tragedy.** **Grace Waring, Maren Hoye, Jeremy Ham,** and Sean McAleer.

Physics & Astronomy

 Publications


Research, Nathan Miller, and J.P. Cassinelli, University of Wisconsin-Madison.

**Extramural Grants**


**Faculty/Student Research Collaboration Grants**


**Summer Research Experiences for Undergraduates Grants**


*Manganese structures on Silicon Carbide, and Aluminum Oxide.* Alyssa Frey, Terese Gierach, Byron Edgar, Doug Dunham, and Matt Evans.

**UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008**

*Analyzing the Lack of X-ray Production in Wolf-Rayet Winds through Computational Modeling.* Andrew Johnson and Nathan Miller.

*Examining Chandra X-ray Images of Stellar Sources in the Carina Nebula.* Katherine Bilty and Nathan Miller.


*Multi-Parameter Investigation of Ar+ Ion Bombardment of Ag/Cu Alloys.* Andres Santiago Padron, Chris Hawes, Jack T. Kollwitz, and Kim Pierson.


*Tidal Effects on the Oort Cloud.* Ryan Gengler and Lyle Ford.

*Use of Student Response Systems in a Small Classroom.* Amy Raplinger and Matt Evans.

**Student Presentations**


**Physics & Astronomy/Computer Science**

**UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008**

Physics & Astronomy/Geology

Faculty/Student Research Collaboration Grants


UW-Eau Claire Student Research Day—Poster Session, 28-29 Apr. 2008


Political Science

Publications


National and Regional Conference Presentations


**Faculty/Student Research Collaboration Grants**

*Cyberbullying Focus Groups.* Trevor Lippman and Justin Patchin.

*But He Is OUR Crook: Judicial Selection and Public Trust.* Dylan Jambrek and Geoffrey Peterson.

**University Research & Creative Activity (URCA)/Faculty Sabbatical**

Iran’s Political Economy; and, Prospects for Economic Cooperation and Integration among the Persian Gulf States. Ali Abootalebi. URCA.

**Summer Research Experiences for Undergraduates Grants**

*Adolescent MySpace Profiles: One Year Later.* Heather Perrault and Justin Patchin.

*Measuring the Impact of Student-Faculty Collaborative Research.* Nicholas Davis and Geoffrey Peterson.

*Reassessing the Impact of Native American Voter Turnout.* Thomas Horan and Geoffrey Peterson.

**UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008**

*Adolescent MySpace Profiles: One Year Later.* Heather Perrault and Justin Patchin.

**Psychology**


**National and Regional Conference Presentations with Published Abstracts**


**National and Regional Conference Presentations**

* A Psychophysical Approach to Discounting: Sex, Food and Money. 31st Annual Society for the Quantitative Analysis of Behavior Conference, Chicago, IL, 22-28 May 2008. **Matthew Newquist, Rochelle Smits, Erin Barney** and **Daniel Holt.**

* Women and Men's Issues with Independence at Public Locations. Seven Rivers Undergraduate Research Symposium. LaCrosse, WI, 2 Nov 2007. **Adam Zastrow** and **Blaine Peden.**

* Effects of Priming Danger on Information Disclosure on Social Networking Sites. Midwestern Psychological Association Annual Meeting, Chicago, IL, 1-3 May 2008. **Andie Lueck, Mayia Corcoran, Maureen Casey,** and Sarah Wood, University of Wisconsin-Stout, **Ross Auna** and **Blaine Peden.**


* Sibutramine Decreases the Discriminative Stimulus Effects of 22 hours Food Deprivation. American Society for Pharmacology and Experimental Therapeutics, San Diego, CA, 4-9 Apr. 2008. **Catherine Filiz, Andrew Dunbar, Noah Novinska** and **David Jewett.**

**Faculty/Student Research Collaboration Grants**

* Assessment of Glucagon-like Peptide Analogs in an Animal Model of Hunger. **Travis Smith** and **David Jewett.**

* Discounting of Delayed and Probabilistic Rewards and Losses in Pathological Gamblers and Matched Non-Gamblers. **Matthew Newquist** and **Daniel Holt.**

* Effects of Exposure to Highly Attractive Individuals on Perceptions of Self and Partner. **Hua Xiong, Lydia Moua,** and **April Bleske-Rechek.**

* Investigating Interventions to Treat Children Diagnosed with Autism. **Carrie Haessly, Kelly Paulson, Jodi Ogle,** and **Kevin Klatt.**

* Person and Procedural Variables that Mediate Effectiveness of PowerPoint as an Adjunct to Lectures. **Ian Halberg, Johnathan Chase, Amy Steffes, Kathryn Hamilton,** and **Allen Keniston.**

* A Psychophysical Approach to Discounting. **Matthew Newquist, Eric Barney,** and **Daniel Holt.**

* Schedule Induced Procrastination in College Students. **Travis Smith, Isaac Portz,** and **Daniel Holt.**

* Self-efficacy and Locus of Control as Predictors of the Efficacy of a Lifestyle Modification Program for Patients with Pre-diabetes. **Joseph Milburn, Katelyn Parker,** and **Allen Keniston.**

**Summer Research Experiences for Undergraduates Grants**


Investigating Preferences for Young Children with Autism. *Matthew Newquist, Jodi Ogle,* and *Kevin Klatt.*

*Narcissitic Pet Choice.* *Katrina Sandager* and *April Bleske-Rechek.*

**UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008**

Action Figures and Dolls: Exploring Preschool Children's Interests. *Samantha Langan, Emily Moen,* and *Mary Beth Leibham.*

Attraction in Young Adults' and Middle-Aged Adults' Cross-Sex Friendships. *Erin Hirsch, Cierra Micke,* and *April Bleske-Rechek.*


Can You Match These Friends? A Test of Genetic Similarity Theory. *Katrina Sandager, Stephanie Maves, Sarah Hubert,* and *April Bleske-Rechek.*

Check Her Out! Does Viewing Sexy Individuals Affect Perceptions of Self and Partner? *Lydia Moua, Hua Xiong-Her,* and *April Bleske-Rechek.*

Comparing Cultural Clout in Professionals’ Codes of Ethical Conduct. *Jonathon Burton, Simon Wallace,* and *Blaine Peden.*

Comparing the Effects of Single and Multiple Target Trials in Teaching Skills to Children Diagnosed with Autism. *Kristina Vargo, Kelly Paulson, Tasha Rieck,* and *Kevin Klatt.*

Delay and Probability Discounting of Gains and Losses in Gambling and Non-gambling College Students. *Matthew Newquist* and *Daniel Holt.*

Do Lecture Pace and PowerPoint Detail Affect Students’ Comprehension of and Memory for a PowerPoint-Assisted Lecture? *Nicole Koktavy, Ian Halberg, Johnathan Chase, Amy Steffes, Amy Xiong, Carson Maule, Ashley Zellhoefer, Kathryn Hamilton,* and *Allen Keniston.*

Do Lecture Pace, Detail, and Segmentation Affect Students’ Comprehension of and Memory for a PowerPoint-Assisted Lecture? *Carson Maule, Johnathan Chase, Amy Steffes, Amy Xiong, Ashley Zellhoefer, Nicole Koktavy, Ian Halberg, Kathryn Hamilton,* and *Allen Keniston.*

Does Students’ Analytic Skill Affect Their Ability to Learn from a PowerPoint-Assisted Lecture? *Johnathan Chase, Amy Xiong, Amy Steffes, Carson Maule, Ashley Zellhoefer, Ian Halberg, Kathryn Hamilton,* and *Allen Keniston.*
The Effect of Trained Attending on Skill Acquisition Rate in Canines. Kevin Schlichenmeyer and Daniel Holt.

Effects of Exposure to Highly Attractive Individuals on Perceptions of Self and Partner. Hua Xiong, Lydia Moua, and April Bleske-Rechek.

Effects of Food Deprivation and Diet on Reports of Hunger. Travis Smith, Sara Clark, Ryan Stone, Noah Novinska, Tischman Corey, Lauren Puhl, Robyn Hertig, Victoria Raber, Braiden Andersen, Catherine Filtz, Kayla Edwards, Sarah Hammon, and David Jewett.


The Etiology of Adult Romantic Attachment Style. Sarah Tillman, Jonathan Baker, Mark Remiker, Lindsay Matteson, Kara Kneisl, and April Bleske-Rechek.


An Evaluation of Transition Planning for High School Students with Emotional and/or Behavioral Disorders. Amy Nylund and Marie Crothers.

Friends as Rivals: Perceptions of Attractiveness Predict Rivalry in Female Friendships. Stephanie Maves and April Bleske-Rechek.

Gambling Behavior in the Pigeon. Travis Smith, Rochelle Smits, Alia Groth, Ryan Stone, and Daniel Holt.

The Good and Bad of Friendship. Cierra Micke, Erin Hirsch, and April Bleske-Rechek.


International Study and Attachment. Emily Offerdahl and Catya von Karolyi.


A Longitudinal Study of Writing by Psychology Majors: A Quantitative Text Analysis. Elizabeth Aspinwall and Blaine Peden.

A New Method for Quantifying Outcomes in Discounting. Rochelle Smits, Matthew Newquist, and Daniel Holt.

Preschool Children’s Self-Concepts and Academic Achievement: Preliminary Findings. Emily Moen, Samantha Langan, and Mary Beth Leibham.

A Psychophysical Approach to Discounting: Sex and Food. Matthew Newquist and Daniel Holt.


The Realism of Preschool Children’s Career Aspirations. Andrea Leisen and Mary Beth Leibham.


Reward Discounting by Animals. Carrie Haessly, Kevin Schlichenmeyer, and Sara Estle.
Schedule-Induced Procrastination in College Students. Travis Smith, Isaac Portz, and Daniel Holt.

Self-efficacy and Locus of Control as Predictors of the Efficacy of a Lifestyle Modification Program for Patients with Pre-diabetes. Joseph Milburn, Katelyn Parker, Angela Peper and Allen Keniston.

Students’ Perceptions of Their Educational Mentoring Experiences. Michael Ojibway and April Bleske-Rechek.


Student Presentations


Public Health Professions

Faculty/Student Research Collaboration Grants


Public Health Professions

National and Regional Conference Presentations


Faculty/Student Research Collaboration Grants


Public Health Professions/Biology

UW-Eau Claire Student Research Day—Poster Session, 28-29 Apr. 2008

An Evaluation of the USDA Fresh Fruit and Vegetable Program in Wisconsin Schools: Teacher and Parent Thoughts After One Year.
Public Health Professions/ Materials Science Center

UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008

Measurement and Causes of Heavy Metals in Children’s Hair. **Jay Nielsen, Celina Cooper, Patricia Krug, Amy Zagar, Crispin Pierce,** Public Health Professions, and **Jill Ferguson,** Materials Science Center.

**Service Learning**

Extramural and UW-System Grants

*Jumpstart Eau Claire.* Corporation for National and Community Service. $75,872. **Donald Mowry.**

*VISTA Community Corrections Project.* Corporation for National and Community Service. $0. **Donald Mowry.**

Faculty/Student Research Collaboration Grants

*Assess, Inform, & Measure (AIM) Court: A Quantitative and Qualitative Analysis of an Alternative to Incarceration Program.* **Megan Buysse** and **Donald Mowry.**

**Social Work**

Publications

**Gloria Fennell.** See under Nursing/Psychology/Social Work/Counseling.

**Sociology**

National and Regional Conference Presentations

*The Role of Expectations for Future Family Obligations in Career Choice for Men and Women.* 22nd National Conference on Undergraduate Research, Salisbury, MD, 10-12 Apr. 2008. **Ashley Vacha, Emily Cooper, Amanda Albert,** and **Melissa Bonstead-Bruns.**

Summer Research Experiences for Undergraduates Grants

*Solidarity in Student Organizations.* **Kyle Zander** and **Jeff Erger.**

*Urban Chinese Elderly: Demographic Characteristics and their Impact on Socioeconomic Status.* **Suie Hu** and **Jianjun Ji.**

**Social Work**

UW-Eau Claire Student Research Day—Poster Session, 28-29 Apr. 2008

*Gender Differences in Family Expectations and Subsequent Career Decisions Among College Students.* **Ashley Vacha, Emily Cooper, Amanda Albert,** and **Melissa Bonstead-Bruns.**

**Student Presentations**

*Gender Differences in Family Expectations and Subsequent Career Decisions Among College Students.* 22nd National Conference on Undergraduate Research, Salisbury, MD, 10-12 Apr. 2008. **Ashley Vacha, Emily Cooper, Amanda Albert,** and **Melissa Bonstead-Bruns.**

**Service Learning/McIntyre Library**

Extramural and UW-System Grants

*Eau Claire Big Read.* National Endowment for the Arts (Arts Midwest). $15,000. **Donald Mowry** and **Chris Cox.**
Sociology/Curriculum & Instruction

UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008

Researchers Giving Piggyback Rides: Ethnography as a Tool for Understanding Female Adolescent Development. Michelle Curci, Hannah Jones, Renda Sweeney, Wendy Weimerskirch, Pamela Forman, Sociology, and Deborah Pattee, Curriculum and Instruction.

Student Presentations


Sociology/Service Learning Center/Computer Science

National and Regional Conference Presentations


Special Education

Summer Research Experiences for Undergraduates Grants

Expanding Boundaries: The Impact of a Scottish Educational Immersion Experience on Cultural and Educational Perceptions of Special Education Preservice Teachers. Laura Johnson and Rosemary Battalio.

Expanding Boundaries: The Impact of the Special Education in Scotland Program. Laura Johnson and Rosemary Battalio.

Student Development & Diversity

Publications/Presentations

Careful or You’ll End up in My Novel. MomWriter’s Literary Magazine. 3.10 (2007): 31-34. Patti See.


Loving the Art in Oneself was Late Teacher’s Lesson. Leader Telegram, 20 Dec. 2007: 7A. Patti See.


National and Regional Conference Presentations


Extramural and UW-System Grants


Ronald E. McNair Postbaccalaureate Achievement Program. U.S. Dept of Education. $231,448. Patricia Quinn.


University of Wisconsin-Eau Claire and UW-Stout GEAR UP Grant. U.S. Department of Education. $368,800. Margaret Hebbring.

Student Health Service

Faculty/Student Research Collaboration Grants


UW-Eau Claire Student Research Day Poster Session, 28-29 Apr. 2008


University Centers

Extramural and UW-System Grants


Women’s Studies

Faculty/Student Research Collaboration Grants


Preliminary Research Regarding Unacknowledged Rape Among Male and Female College Students. Alicia Edmonds and Susan Turell.
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