REPORT ON PUBLICATIONS
AND OTHER SCHOLARLY ACHIEVEMENTS

2011

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UNIVERSITY of WISCONSIN - EAU CLAIRE
Publications on the cover

March 2013

The University of Wisconsin-Eau Claire’s faculty, staff and students’ success as active and creative scholars is demonstrated by the many, diverse and impressive accomplishments that are highlighted in this publication.

Collaborative research, scholarly projects and creative initiatives are at the heart of the work our faculty, staff and students do here on a daily basis. Designated as the UW System Center for Excellence for Faculty and Undergraduate Student Research Collaboration, original research done by our faculty and students ranges from the sciences to business to creative projects in the arts. Research and other scholarly initiatives challenge our students and faculty to think critically, publish in professional journals, secure external grant awards and present at professional conferences regionally and internationally as they pursue their passions.

The numerous accomplishments shared in this publication demonstrate UW-Eau Claire’s ongoing commitment to collaborative learning among students, faculty and staff. Whether through individual scholarship, research partnerships or creative activities, students and faculty learn and explore together, fostering, as our mission states, the “creativity, critical insight, empathy and intellectual courage” that are vital for active global citizenship and professional success.

The achievements of the hundreds of students, faculty and staff that are noted in this report also represent the significant financial support provided by students through the Blugold Commitment differential tuition, by the UW-Eau Claire Foundation Inc., and from UW System support for the Center of Excellence for Faculty and Undergraduate Student Research Collaboration. We thank them for their significant investment in our campus community.

The 2011 Report on Publications and Other Scholarly Achievements represents the tangible results of many scholarly activities and collaborations, which include 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 from the work represented here. Faculty and staff remain enthusiastic and 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 an important or creative project, design a strategy to answer or produce it, and carry the work through to completion and dissemination of their results. This ability to continue learning beyond their college years is a goal of the liberal arts education provided at UW-Eau Claire. We are proud of our students and alumni who contribute so much to Wisconsin, the nation and the world.

Please join us in celebrating the impressive accomplishments listed here! I also encourage you to visit our website to follow our faculty, staff and students’ ongoing scholarly and creative activities, all of which help UW-Eau Claire live up to its reputation for excellence.

Sincerely,

Gilles Bousquet, Ph.D.
Interim Chancellor
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, which inspires them to bring exciting ideas to students and, further stimulates intellectual curiosity. Students then become directly involved in scholarship by working closely with faculty or staff mentors. UW-Eau Claire is designated the UW-System’s Center of Excellence for Faculty and Undergraduate Student Research Collaboration. The funding to support these activities comes from the students, through the Blugold Commitment differential tuition program, UW-Eau Claire Office of Academic Affairs, the UW-Eau Claire Foundation, and the UW System. UW-Eau Claire fosters these collaborations in a number of ways. Funds are available to assist students, faculty, and staff to pursue their scholarly activities year-round, and travel to professional conferences in order to disseminate and discuss the results of their work to disciplinary peers. We also celebrate and share scholarly achievements on the Office of Research and Sponsored Programs website and through various campus events such as Student Research Day, the Authors Celebration, and the Faculty/Staff Forum.

The items listed in the 2011 Report on Publications and Other Scholarly Achievements represent the tangible results of scholarly activities and collaborations, which include a wide variety of publications, presentations, 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 an important question or creative project, design a strategy to answer or create it, and carry the work through to completion and dissemination of their results. This ability to continue learning and pioneering beyond their college years is a fundamental 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 2011 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. Hard copies are distributed to departments and units across campus. Some extra copies have been printed and may be requested by calling 715/836-3405. Suggestions and comments for improving the Report should be sent to the Assistant Vice Chancellor for Research, or e-mailed to orsp@uwec.edu with the subject line “Suggestions for ROP.”

Inclusion Policy. The index includes only those faculty and academic staff who were employees of UW-Eau Claire and students enrolled during the 2011 calendar year. Extramural and UW-System grants made to faculty and academic staff, as well as internal peer-reviewed research grants to staff and students, are included in the Report. Student presentations or performances at off-campus conferences are included as well as the 20th annual UW-Eau Claire Student Research Day presentations and senior recitals. In addition to publications, presentations, and creative achievements during the designated time period, this Report includes some items that were inadvertently omitted from previous reports. Every attempt has been made to be as complete and accurate as possible.

Acknowledgements. The Editorial Board appreciates the hard work and cooperation of those who assisted with this publication, especially Heather Johnson Schmitz for editorial assistance.
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Academic Affairs

Extramural and UW-System Grants

Extending Access to Success. UW-System. $25,000. Michael Wick.


Accounting and Finance

Publications


Conference Presentations


American Indian Studies

Xi’an Jiaotong University, Bei Yang, Xi’an Jiaotong University, Junrui Zhang, Xi’an Jiaotong University.


Impact of SOX Internal Control on Value Relevance of Accounting Information. American Accounting Association Annual Meeting, Denver, CO, 6-10 Aug. 2011. Nan Hu, Baolei Qi, Xi’an Jiaotong University, Ling Liu, Zeng Zhen, Xi’an Jiaotong University, and Gaoliang Tian, Xi’an Jiaotong University.


University Research and Creative Activity (Faculty Sabbatical/URCA)

Data Collection of Oil Prices in Gas Stations and Multi-Commodity Exchange in India. URCA. Rajarshi Aroskar.

Diversion in Performance by Physical and Non-Physical Commodity Exchange Traded Funds. URCA. Rajarshi Aroskar.


Summer Research Experiences for Undergraduates Grants


Faculty/Student Research Collaboration Grants


UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011

Online Review Manipulation. Adam Montgomery, Ling Liu, and Nan Hu.

American Indian Studies

Summer Research Experiences for Undergraduates Grants

Chippewa Treaty Rights: A 20 Year Retrospective Look and Future Prospective Plan. Staci Roth, Julie Davis, Evan Kasemeotes, Lucy Marquardt, Matthew Schult, and James Oberly.


Faculty/Student Research Collaboration Grants

Red Lake Reservation and Beltrami County Ojibwe Artifact Project. Robert Bell and Debra Barker.

UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011

Evaluation of a Distance Learning and Teaching Model for Endangered Languages. Elizabeth Pawlicki and Wendy Geniusz.


Art and Design

Publications and Exhibits


University Research and Creative Activity (Faculty Sabbatical/URCA)


Small Research Grants


Home Theater. Jyl Kelley.

Integration of Digital 3-D Animation with Typography, Graphics and Sound. Li-Ying Bao.

Studies, a 2-Person, Invitational Exhibition of Photographs at Castell Photography Gallery. Wanrudee Buranakorn.

Summer Research Experiences for Undergraduates Grants

Decoding a Formula for Effective Graphic Imagery (Phase 2). Glenn Terpstra and Wanrudee Buranakorn.

Domesticity Exhibition: Summer Planning. Shari Tiffany Berg and Jyl Kelley.

Faculty/Student Research Collaboration Grants


UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011


Biology

Publications


Conference Presentations


Extramural and UW-System Grants


Logjam. USDA Forest Service. $3,000. Todd Wellnitz.

University Research and Creative Activity (Faculty Sabbatical/URCA)


Knockout of the US29 Gene of Human Cytomegalovirus. URCA. Lloyd Turtinen.


Role of Environmental Estrogens in Uterine Cancer Cell Proliferation. URCA. Winnifred Bryant.

Small Research Grants

The Expression and Abundance of Alarm Substance Protein Receptors in Fish Nasal Epithelium. David Lonzarich.

Summer Research Experiences for Undergraduates Grants

Cloning the Bacteriocin Gene from Enterococcus faecalis. Heather Pries and Sasha Showsh.
BIOLOGY

Cortisol Response to Different Collars During Dog Obedience Training. Kaitlin Snider and Dan Janik.


Eau Claire County Forest Invasive Plant Species Inventory. David Hon and Paula Kleintjes Neff.

The Effect of Fire on Lichen Community Succession in the BWCA Wilderness. Christopher Maierhofer, Kaleigh Spickerman, Matthew Moris, Joe Weirich, Matt Haak, and Todd Wellnitz.


Fate and Consequences of Emerging Stream and Predator Insects in a Riparian Food Web. Aaron Devoe, Laura Gaffney, and Kelly Murray.

Genetic Typing of Methicillin-Resistant Staphylococcus aureus Strains from Ecuador. Joshua McHugh, Chris Monte, Sarah Hof, and Daniel Herman.


The Response of Terrestrial Spiders to Logjam-Mediated Aquatic Insect Emergence. Christopher Wojan, Todd Wellnitz, and Eric Merten.


RUI: Analysis of the Role of a Family of Putative E3 Ubiquitin-Ligase Target Adapters in Phytochrome Signalling in Arabidopsis thaliana. Gavin Sunde and Derek Gingerich.


Faculty/Student Research Collaboration Grants


UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011


Assemblage of Lichen Communities on Rocky Shorelines of the North Woods. Christopher Wojan, Matt Haak, Joe Weirich, and Todd Wellnitz.


Comparison of Sanitizing Efficacy of the Ionator and Active Ion to Water. Rachelle Peterson, Sara Schiedler, and Sasha Showsh.

Detecting Proteins that Interact with the Mbp1 Protein Using Yeast Two-Hybrid Analysis. Joshua McHugh and Daniel Herman.

The Effect of Varying Dim Light on Non-Photic Clock Shifts. Kaitlin Snider and Dan Janik.

The Effects of Agrochemicals on Biodiversity in Cambodian Rice Paddies. Kathryn Prince, Christopher Maierhofer, Brian Pauley, Andrew Ludvik, Katrina Jacobs, and Deborah Freund.
Elucidating the Role of MBP1 in the Pathogenesis of Candida albicans. Greg Fischer, Julie Anderson, and Daniel Herman.

Exploring the Effects of Biological Filters on Lichen Populations in the Boundary Waters Canoe Area Wilderness. Christopher Maierhofer, Matthew Moris, Kaleigh Spickerman, and Todd Wellnitz.

Generation of Transcription Factor Constructs for Mammalian Transfection. Leah Schumerth, Michael Farrell, and Winnifred Bryant.

Histological Analysis of ASC Density in Relation to Creek Chub Surface Area and Parasite Load. Megan Meller, Caitlin Borchardt, Morgan Laffey, and David Lonzarich.

Household Infestation Rates of Chagas Disease Vectors and Trypanosoma cruzi Prevalence in Southern Ecuador. Stanton Jasicki and Daniel Herman.


Methamphetamine-Induced Circadian Clock Resetting in Mice. Sophia Ruff-Berganza and Dan Janik.


Prevalence of Methicillin-Resistant Staphylococcus aureus in Loja Province, Ecuador. Lauren Lamers and Daniel Herman.

Reach-Scale Effects of a Stream Logjam on Benthic Macroinvertebrate Diversity, Richness, Evenness, and Feeding Guilds. Ong Xiong, Zachary Snobl, Jennifer Pomero, Christopher Wojan, Stephanie Vinetas, Eric Merten, and Todd Wellnitz.

The Role of the Ypd1 Protein in Morphogenesis in Candida albicans. Megan Lindner and Daniel Herman.

Surveying UW-Eau Claire Campus for the Presence of Methicillin-Resistant Staphylococcus aureus. Sara Schiedler, Rachelle Peterson, and Sasha Showsh.


Verification of Methicillin-Resistant Staphylococcus aureus in Ecuador Hospital and Community Samplings by Use of Polymerase Chain Reaction. Chad Glisch and Daniel Herman.


Student Conferences


Verification of Methicillin-Resistant Staphylococcus aureus in Ecuador Hospital and Community Samplings by Use of Polymerase Chain Reaction. Annual UW-System Symposium for Undergraduate Research and Creative Activity—Poster Session, Kenosha, WI, 29 Apr. 2011. Chad Glisch and Daniel Herman.

Business Communication

Publications


Conference Presentations


Center for Alcohol Studies and Education

Extramural and UW-System Grants


Chemistry

Publications


Conference Presentations


Quantum Mechanical/Molecular Mechanical Simulations of Hydride Transfer Reactions in Quinone Reductase. 10th Annual Molecular Education and Research Consortium Conference on Undergraduate Computational Chemistry (MERCURY), Lewisburg, PA, 28-30 July 2011. Yer
Yang, Thomas Bartholow, Sanchita Hati, and Sudeep Bhattacharyya.


Extramural and UW-System Grants


Exploration of Warfarin Binding to Vitamin K Epoxide Reductase and Development of Warfarin Analogues. UW-System. $142,758. David Lewis.


REU Site: Collaborative Undergraduate Research Experiences in Chemistry. National Science Foundation. $67,000. Alan Gengenbach.

RUI: Supramolecular Main-Chain Liquid Crystalline Networks as a Probe of Mesogen Formation and Stability. National Science Foundation. $170,000. Kurt Wiegel.

University Research and Creative Activity (Faculty Sabbatical/URCA)

Anticoagulation (1) and History of Organic Chemistry in Russia (2). Sabbatical. David Lewis.


Summer Research Experiences for Undergraduates Grants

Analysis of E. coli Prolyl-tRNA Synthetase Dynamics via Amide Hydrogen/Deuterium Exchange MS. Adam Sandor and Sanchita Hati.

Assessing the Copper-Binding Properties of the Copper-Binding, Peptide-Derived Methanobactin Molecules Produced by the Methane-Oxidizing Bacteria Methylosinus trichosporium OB3b and Methylocystis Strain SB2 after Site-Specific Modifications to their Chemical Structures. Ashley Van Galen, Yawa Nova Mensah, student, Minneapolis Community & Technical College, and Warren Gallagher.

Condensed-Phase Effects on the Structural Properties of CH3CN-MX4 Complexes. Heather Helminiaik and James Phillips.

Do Freidel-Crafts Reactions Proceed through R-F-BF3 or R2F+/BF4-? Samuel Danforth, Amanda Buchberger, and James Phillips.

Experimental and Computational Explorations of Uncommon Molecular Oxygen Species. Danielle Bronshteyn and James Boulter.


Exploring Enzyme Catalysis and the Role of Metal Center in NRH: Quinone Oxido-Reductase 2. Thomas Bartholow, Robyn Mueller, and Sudeep Bhattacharyya.


Interfacing Atomic and Molecular Computer Codes with a Graphical Processing Unit. Morgan Leider, Frederick King, and Christine Morales.


REU Site: Collaborative Undergraduate Research Experiences in Chemistry (CURE CHEM). Alan Gengenbach.


CHEMISTRY

To Study the Mechanism of Photoinduced Isomerization of RU(II)-Flavin Complex. **Katie Neta, Casey Paplow**, and Sudeep Bhattacharyya.

**Faculty/Student Research Collaboration Grants**

Characterizing the Structure of a New Form of Methanobactin Produced by *Methylocystis* Strain SB2. **Ashley Van Galen** and Warren Gallagher.

Computational Studies on the Viability of Molecular O₄ and O₅. **Michael McAnally** and James Boulter.


A “HIP” within a “HIP”: Assessing Student Development in Bundles from a Student Perspective. **Aaron Brewster** and James Phillips.


Synthesis of Biomimetic Functional and Structural Model Complexes. **Aaron Suggs, Joseph Heimann**, and Roslyn Theisen.

To Understand the Interaction Network Between the EAL Domain and the BLUF Domain in BLUF Proteins. **Arrianna Zirbes** and Sanchita Hati.

Unveiling the True Nature of Friedel-Crafts Intermediates: R-F--BF₃ or R₂F+/BF₄-. **Sam Dansforth** and James Phillips.

UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011

Assessing Student Development in Bundled Courses: Critical Thinking, Content Knowledge, and Student Engagement. **Aaron Brewster** and James Phillips.

A Computational Study of Ligand Effects on First Row Transition Metal-Hydrides. **Tim Deckers** and Christine Morales.

Copper Binding Analysis of Chemically Modified Methanobactin Harvested from *Methylosinus* trichosporium OB3b. **Georgeann Kujawa** and Warren Gallagher.


Experimental and Computational Explorations of Uncommon Oxygen Species in Microwave-Frequency Discharge-Activated Oxygen. **Lindsey Baumgartner, Yifei Xu**, and James Boulter.


Isolation and Characterization of a New Form of Methanobactin Isolated from *Methylocystis* Strain SB2. **Ashley Van Galen, Benjamin Krentz**, and Warren Gallagher.

Model for Energetics of the Two-Electron Reduction in Dihydronicotinamide Riboside Quinone Oxidoreductase 2. **Michael North** and Sudeep Bhattacharyya.

Probing the Role of Highly Conserved Lysine (K279) Residue in the Editing Domain of Bacterial Prolyl-tRNA Synthetases. **Irene Mueller, Matthew Tschudy, Bach Cao, Karl Meitzner**, Sanchita Hati, and Sudeep Bhattacharyya.

Role of Coupled-Dynamics in the Catalytic Activity of Bacterial Prolyl-tRNA Synthetases. **Bach Cao, Robyn Mueller**, Briane Shane, student, Ohio State University, Sanchita Hati, and Sudeep Bhattacharyya.


**Bold**: Faculty/Academic Staff; **Bold/Italics**: Undergraduate Student; **Bold/Underline**: Graduate Student
Structural Properties of Substituted Mucin Peptides in Solution by 2D NMR. Cheng Her and Thao Yang.

Transition Metal Complexes Incorporating Amidine-Based Ligands for Selective Ethylene Oligomerization. Alex Nett, Thomas Jones, and Michael Carney.

Children’s Center

Extramural and UW-System Grants


College of Education and Human Sciences

Extramural and UW-System Grants


Communication and Journalism

Publications


Conference Presentations


Summer Extramural Grant Development Grants


Small Research Grants


Exploring an Interdisciplinary Approach to Public Relations Education. Maureen Schriner.


Summer Research Experiences for Undergraduates Grants


UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011

Effects of Alcohol Advertising Exposure on Intentions to Drink or Drinking Among Caucasian and Hmong College Students. Catherine Karst, Lora Steinmetz, and Won Yong Jang.


Facebook and Career Motivation. Jessica Gossett, Amy Pepper, Laura Soderlund, Melissa Dettwiler, and Martha J. Fay.
COMMUNICATION SCIENCES AND DISORDERS

Gender Differences Regarding Text-Messaging Usage. Catherine Karst, Jeremy Ernst, Kara Pedersen, McKenzie Scholz, Sara Gawinski, and Won Yong Jang.

Global Cancer News Coverage. Lora Steinmetz and Won Yong Jang.


The Medium or the Message: What Affects Youth’s Responses to Anti-Tobacco Messages. Kathryn Staats, Joshua Bjerke, Sara Habermeyer, Danielle Geheran, and Martha J. Fay.

Moldova Media Credibility and Family Communication Patterns. Elizabeth Dohms, Alex Luedtke, Scott Morfitt, Jan Larson, and Martha J. Fay.

Racial Diversity in the Workplace. Alexandra Finley, Emily Amundson, Stephanie Sweeney, Natalie George, Amanda Michalski, Stefanie Anderson, and Martha J. Fay.

Extramural and UW-System Grants

Clinic to Classroom Pedagogies. UW-System. $1,000. Jerry Hoepner.

Student Conferences


Communication Sciences and Disorders

Publications


Conference Presentations


Wellness Programs and Job Satisfaction: The Moderating Role of Efficacy. Emily Schwingel, Adam Fairbanks, Alexandra Randall, Elizabeth Bailey, Brittannia Potocnik, Andrew Prevost, and Martha J. Fay.

Faculty/Student Research Collaboration Grants

Case Study of Corticobasal Degeneration. Lauren Demcak, Heather Lindert, and Jerry Hoepner.


The Unheard Voices: Communication of LGBTQ Concerns in Wisconsin Classrooms. Amy Fredman, Amy Bainbridge, Nicole Schultz, and Mary Hoffman.

Wellness Programs and Job Satisfaction: The Moderating Role of Efficacy. Emily Schwingel, Adam Fairbanks, Alexandra Randall, Elizabeth Bailey, Brittannia Potocnik, Andrew Prevost, and Martha J. Fay.

Student Conferences

Comparing English-Speaking Children’s Retells with Two Culturally Different Stories. **Erika Andrle, Katie Anderson**, and **Marie Stadler**.

Direct Teaching and Scaffolding the Comprehension of Arithmetic Word Problems. **Alyssa Yanzick** and **Vicki Samelson**.

Does Oral Language Skill Influence How First Graders Solve Arithmetic Word Problems? **Lacey Mancl** and **Vicki Samelson**.

Effects of Parental Gender on Book Reading to Preschool Children. **Morgan Enright** and **Marie Stadler**.

Evidence-Based Practice of Speech Language Pathologists Working with People Who Have Dementia. **Cara Shane** and **Lisa La Salle**.

The Influence of Partner Training for an Individual with Corticobasal Degeneration. **Heather Lindert, Lauren Demcak**, and **Jerry Hoepner**.

Teaching Facial Expression Recognition to Children with Autism Spectrum Disorders. **Kia Schilling, Mariah Yeager, Kayla Lake**, and **Vicki Samelson**.

**Twins: Comm Diffs. Laine Hanson, Michelle Baranek**, and **Kristine Retherford**.

**Student Conferences**


Computer Science

**Faculty/Student Research Collaboration Grants**

Reader-Animated Digital Storybooks. **Katrina Russell, Jonathan Fretheim**, and **Chris Johnson**.

**UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011**

Accelerating Exact Logic Synthesis Using Parallel Computing Methods. **Benjamin Zimmer, Austen Ott**, and **Daniel Ernst**.

Comparing Software Documentation Approaches. **Matthew Wisby, Isaac Schemm, Joline Morrison**, and **Mike Morrison**.

The Convergence Between Peer Review and Instructor Review. **Hannah Miller, Isaac Schemm, Matthew Wisby, Joline Morrison**, and **Mike Morrison**.

**Head Tracking for Virtual Environments. Lucas Komiskey, Ethan Frei**, and **Daniel Stevenson**.

Resolving Word Sense Ambiguity in Natural Language Processing. **Michael Seaholm** and **Paul Wagner**.

**Student Conferences**

Examining the Use of Nearly Smooth Relations to Improve the Efficiency of Factoring in the Quadratic Sieve. 25th Annual National Conference on Undergraduate Research, Ithaca, NY, 31 Mar.-2 Apr. 2011. **Patrick Konsor** and **Craig Ernst**.

**Continuing Education**

**Extramural and UW-System Grants**


Small Business Development Center. Small Business Administration/UW-Extension. $141,172. **Jim Mishefske**.

**Counseling Services/Psychology**

**UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011**


**Dean of Students**

**Conference Presentations**

Increasing Multicultural Competence Using Intercultural Immersion. UW-System President’s Summit on Teaching and Learning, 14-15 Apr. 2011. **Jodi Thesing-Ritter**.

Increasing Multicultural Student Retention Using a Learning Community Model. UW-System President’s...


Conference Presentations


A Survey Project Examining Awareness, Perceptions, and Concerns Regarding Global Warming Among College Students. Wisconsin Economics Association Annual

ECONOMICS


Extramural and UW-System Grants


UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011


College Knowledge and Closing the Gap: The Effectiveness of the Blugold Beginnings Middle School College Access Program on College Readiness. Heather Harris, Kong Her, Kou Vang, Lee Yang, and Mary Huffcutt.

Impact of Blugold Beginnings on Student Learning Outcomes and Retention of Learning Community Participants. Mai Yang, Ong Lo, and Jodi Thesing-Ritter.

Economics

Publications


University Research and Creative Activity (Faculty Sabbatical/URCA)


Summer Research Experiences for Undergraduates

The Credit Rating Agencies and Financial Market Fluctuations. Wendell Tan and Yan Li.

India’s Missing Girls. Carly Hanson, Rebecca Hubbard, and Sanjukta Chaudhuri.


Union Membership, Occupation Categories, Gender, and the Increasing Inequality of Wages in the United States. Samuel Levitus and David Schaffer.

UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011


An Examination of the Variation of Speeding Fines Across States. Zachary Meinen and Laura Berlinghieri.


Student Conferences


Using Modeling and Incentives to Expand the Reach of the USDA Fresh Fruit and Vegetable Program. Wisconsin Economics Association Annual Meeting, Stevens Point, WI, 9-10 Nov. 2011. April Ross, Tyler Christiansen, Lainee Hoffman, Kevin Reinhold, Aaron Wingad, and Eric Jamelske.


ECONOMICS/PSYCHOLOGY

Matthew Sackmann, Drew Christensen, Joy Larson, Ben Ponkratz, and Eric Jamelske.


Economics/Psychology

UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011

Do Free Coupons Given to Families Increase Fruit and Vegetable Consumption Among Their Children? April Ross, Aaron Wingad, Lainee Hoffman, Tyler Christiansen, Kevin Reinhold, Eric Jamelske, Economics, and Lori Bica, Psychology.

Using Positive Role Modeling and Incentives to Expand the Reach of the USDA Fresh Fruit and Vegetable Program. Aaron Wingad, April Ross, Lainee Hoffman, Tyler Christiansen, Kevin Reinhold, Eric Jamelske, Economics, and Lori Bica, Psychology.

Education Studies

Publications


Conference Presentations


Extramural and UW-System Grants

Research Symposium. UW-System. $1,000. Sherry Macaul.

Faculty/Student Research Collaboration Grants

Teacher’s Work and Education Reform in Chile. Chelsea Boesiger and Jill Pinkney Pastrana.

UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011

Popular and Non-Formal Education in Latin America. Gina Malagold and Jill Pinkney Pastrana.

Educational Opportunity Center

Extramural and UW-System Grants


English

Publications


The Children of the White Swan. In Shifting Balance Sheets: Women’s Stories of Naturalized Citizenship &
ENGLISH


Photography as Medium for Co-Evolutionary Animal Human Conversations. Exposure 44.2 (2011): 33-42. Susan Ressler, Purdue University, and Stephanie Turner.


ENGLISH


This is a Test of the Emergency Alert System. The Offending Adam (2011): <http://theoffendingadam.com/2011/05/06/hollars-wennermark-mink-shinkle-chappell/>. B.J. Hollars.


Conference Presentations


Extramural and UW-System Grants


University Research and Creative Activity (Faculty Sabbatical/URCA)


Brando and Other Stories of Los Angeles. Sabbatical. Allyson Loomis.


Multi-Genre Creative Project: Theater, Music, Art. URCA. Jack Bushnell.

The Practical Cowgirl and Other Poems. URCA. Karen Loeb.

YIELD, A Novel. URCA. Allyson Loomis.

Small Research Grants

The Last Stand in Dixie: The Desegregation of the University of Alabama and the Fight for Tuscaloosa. B.J. Hollars.

Summer Research Experiences for Undergraduates Grants

Blugold Seminar in Critical Reading and Writing Curriculum Research and Development. Caitlin Rathburn, Christina DeLapp, Olivia Krueger, Nicole Pietila, Andrew Storsveen, Carmen Manning, and Shevaun Watson.

Student Writers Across the Disciplines. Brittni Straseske, Carly Bollig, and Shevaun Watson.

Faculty/Student Research Collaboration Grants

A Syntactic and Sociolinguistic Analysis of “I’m a,” the Contracted Form of “I am going to.” Megan Risdal and Erica Benson.

Contextualizing the Narrative of Almira Paul Online. Kristin Chang, Kristin Frosch, Amanda Hendricks, Andrew Storsveen, and Cathy Rex.

UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011

Cultural Identity Awareness of Hmong Students in Higher Education at the UW-Eau Claire. Mee Yang and Kelly Wonder.


Everything and Nothing Film Project. Matthew Troge, Benjamin Klema, and Allyson Loomis.

I can has rules? A Syntactic Analysis of Lolspeak. Brittany Gauer and Erica Benson.

I’m from Altoona Don’tcha Know: The Vowels /u/ and /o/ in Eau Claire, Wisconsin. Michael Fox and Erica Benson.

I’ma Tell You ‘bout I’ma: A Sociolinguistic and Syntactic Analysis of the Reduced Form of I’m Gonna. Megan Risdal and Erica Benson.

Imperative Constructions in English. Paula Hagen and Erica Benson.

Recombinant Comments: Analyzing the Public Response to Proposed rDNA Products. Matthew Mabis and Stephanie Turner.


Students’ Perceptions of English 110. Christina DeLapp, Michael Jobb, and Shevaun Watson.

Using Google Applications in Higher Education. Lauren Kurkowski, Sarah Beam, and JoAnne Juett.

Using PollEverywhere Mobile Response Technology in Higher Education. Sarah Beam, Lauren Kurkowski, and JoAnne Juett.

Student Conferences


English/Biology

Publications


Student Conferences


English/Biology/Social Work/Geography and Anthropology

Conference Presentations

English/McIntyre Library

Conference Presentations


Facilities Management

Extramural and UW-System Grants


Financial Aid

Extramural and UW-System Grants

FFWS Stipends-Grant. Fund for Wisconsin Scholars. $251,754. Kathleen Sahlhoff.


Scholarships for Disadvantaged Students. Health Resources and Services Administration. $10,686. Pat Montanye.


Foreign Languages

Publications


Conference Presentations


**Extramural and UW-System Grants**


**Summer Extramural Grant Development Grants**


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

Corpus Analysis of Japanese Sentence Final Particles. URCA. Tomomi Kakegawa.


**Small Research Grants**


The Syntax of Heritage Speakers of Spanish. Marcela Depiante.

**Summer Research Experiences for Undergraduates Grants**

Development of Up-to-Date Documents for Spanish Business Writing. Daniel Aruto Vieira and Carlos Garcia.


How Effective are ESL Push-In and Pull-Out Models of Instruction? Jingjing Jiao and Kate Mastruserio Reynolds.

Improving Oral Proficiency with Podcasting. Laura Szymanski and Jessica Miller.

An Investigation into the Effects of Blended Learning on Students’ Second Language Learning. Eric Daubert and Anne Cummings Hlas.

Reciprocity in Homer and Beyond. Jason Hansen and Matt Waters.

Understanding Strategies for Addressing Heritage Speakers’ Needs at UW-Eau Claire. Karen Dominguez, Carlos Guereca, and Amy Young.

What Does Research Reveal About the Effectiveness of ESL Instructional Models? Karlene Groshek and Kate Mastruserio Reynolds.

**Faculty/Student Research Collaboration Grants**

Assessing Hospital Preparedness for Meeting Patient-Centered Communication Standards. Shayna Friday and Analisa De Grave.

Do K-12 Teachers Use the Term “Strategies” the Same as Teacher Educators? Kayla Noel and Kate Mastruserio Reynolds.


**UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011**

The Alcmaeonidae and Their Role in the Battle of Marathon. Jason Hansen and Matt Waters.


Effects of Learner-Produced Podcasting on French Conversation Skills. Laura Szymanski and Jessica Miller.

Measuring Teachers’ Content-Based Learning. Kallie Sandell, Jingjing Jiao, and Kate Mastruserio Reynolds.


Needs Assessments: Enabling More Effective English Language Teaching. Lindsay Considine and Kate Mastruserio Reynolds.

The Political Effects of Group Lending on Nicaraguan Individuals. Kelsey Roets, Ian Allen, and Amy Young.

Strategies for Improving Students’ Critical Thinking and Discussion Skills. Amy Beckett, Ashley Anthony, and Beth Ernst.

Students’ Perceptions of English Use in the Spanish Classroom. Sarah Hemmy and Anne Cummings Hlas.

UW-Eau Claire Students’ Knowledge and Attitudes about Islam. Abdualziz Mohammad Mashat, Hanadi Eid Al Harbi, Nadar Saad Alasis, Najlaa Ali Alhazmi, Salwa Mohammed Mothana, Abdulelah Uthman Sejini, Yijing Sun, Jibao Xie, and Julie Adler.


Foreign Languages/Education Studies

UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011

Foreign Languages/Nursing

Summer Research Experiences for Undergraduates Grants

Assessing Hospital Preparedness for Meeting Patient-Centered Communication Standards. Shayna Friday, Analisa De Grave, Foreign Languages, and Norah Airth-Kindree, Nursing.

Geography and Anthropology

Publications


University Research and Creative Activity (Faculty Sabbatical/URCA)


Summer Research Experiences for Undergraduates Grants

Eau Claire County Forest Invasive Plant Species Inventory. Matthew Moris and Sean Hartnett.

The Mien People of Northern Thailand. Mou Chang and Dan Strouthes.

Faculty/Student Research Collaboration Grants


Again the Stállu Come: The Role of Folklore in the Resurgence of Traditional Sami Culture. Eric Fuerstenberg and Dan Strouthes.


Bottled Watershed: Carbon Footprint of Transporting Bottled Water. Sarin Strobush and Christina Hupy.


Soils and Best Land Use: A Case Study at the North Star Middle School Site, Eau Claire, Wisconsin. Joel Jahnke, Ty Bejin, North High School, Kayli Ennen, North High School, Caitlyn Fetter, North High School, Nick Schreiter, North High School, Adam Keeton, North High School, and Garry Running.

Spatial Comparison of Soil Drainage Index to Tree Species in the Central Lower Peninsula of Michigan. David Hon, Kyle Wells, and Christina Hupy.

Spatial Crime Displacement in South Side Chicago: From the Projects to the ‘Hood. David Melsness and Ryan Weichelt.

Spatial Patterns of Lottery Sales in Milwaukee County, Wisconsin. Alyson Diller, Ezra Zeitler, and Ryan Weichelt.

Spatial Patterns in the Natural Communities of Chippewa and Flambeau River Islands. Chad Ronchetti and Garry Running.

Geography and Anthropology/Geology

Determination of Chemical Composition of Red Lithic Artifacts Using Handheld X-Ray Fluorescence. Shilo Bender, Robert Barth, Geography and Anthropology, and Phillip Ihinger, Geology.

Student Conferences


Geology

Publications


GEOLOGY


Conference Presentations


of Wisconsin–Madison, Kent Syverson, and Marc W. Caffee, Purdue University.


Extramural and UW-System Grants


University Research and Creative Activity (Faculty Sabbatical/URCA)


Faculty Development: Research Completion, Planning, and Enhancement. Sabbatical. Katherine Grote.

TIES Argentina Geologic Research: Neogene Basin Development in the Southern Andes. URCA. J. Brian Mahoney.

Summer Research Experiences for Undergraduates Grants


Faculty/Student Research Collaboration Grants

Using Anisotropy of Magnetic Susceptibility to Quantify Strain in the Coast Plutonic Complex, Canada. William Ostrenga and Geoffrey Pignotta.

UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011

Computer Simulations of Magma Chamber Evolution: Further Testing an Alternative Model for the Development of Layered Mafic Intrusions and the Origin of Granite. **Christopher Spencer** and **Phillip Ihinger**.


Individual Grain Analysis of the Rare Dioctahedral Mica Celadonite Using Analytical Transmission Electron Microscopy. **Todd Lau** and **Robert Hooper**.

Measuring the Role of Image Representation in Generating Misconceptions Related to Plate Tectonics. **Brady Haas** and **Scott Clark**.


Quantifying Mineral Fabrics in the Coast Plutonic Complex, Bella Coola, British Columbia. **Nathan Nushart**, **Jessica Meyers**, and **Geoffrey Pignotta**.

**History**

**Publications**

Twenty Years of Baltic Studies at UW-Eau Claire. Association for the Advancement of Baltic Studies Newsletter 30.1 (2011): 10-12. **Paulis Lazda**.


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

Venezuelan Wars of Independence, the Theory of Devastation and Cultural Economics. URCA. **Eugene Piñero**.

Wars of Independence, the Theory of Economic Devastation and Cultural Economics. Sabbatical. **Eugene Piñero**.

**Small Research Grants**

Exploring Opportunities for Future Research-Based Immersion Experiences in Central Europe. **Teresa Sanislo**.

**Graduate Research, Scholarly and Creative Activity Grants**

History Thesis Research Project on Representative Steve Gunderson. **Jordan O’Connell** and **Oscar Chamberlain**.

**Summer Research Experiences for Undergraduates Grants**

Girl-Man: A Gilded Identity in the Gilded Age and Progressive Era. **Desirae Jo Lezotte** and **Jane Pederson**.

**Faculty/Student Research Collaboration Grants**

Wisconsin Native Americans in the Korean Conflict. **Nicholas Pelant**, **Selika Ducksworth**, and **Richard St. Germaine**.
Bold: Faculty/Academic Staff; Bold/Italics: Undergraduate Student; Bold/Underline: Graduate Student

UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011

All Sorts of Domestic Occupations: Early Twentieth-Century Media Portrayals of Female Circus Performers. Rebecca Reid and Jane Pederson.


The Civil War as Total War: Madison, Wisconsin, and the Creation of a Homefront. John Barth and Patricia Turner.

The Eau Claire Energy Cooperative 75th Anniversary History Project. Heidi Heideman, Ryan Hidlebaugh, John Thompson, Matt Carter, and John Mann.

Let’s Go! Women Travelers! Stephanie Jarvais and Teresa Sanislo.


Student Conferences


Human Development Center

Extramural and UW-System Grants

Interdisciplinary Training for Preservice Educators. Wisconsin Department of Public Instructions. $10,000. Michael Axelrod.

Summer Research Experiences for Undergraduates Grants

Using Brief Experimental Analysis to Empirically Select Reading Interventions. Christine Schounard, Nicole Jerdee, and Michael Axelrod.

Information Systems

Publications


Conference Presentations


Pallud, University of Strasbourg, and Emmanuel Monod, Dauphine University.

A Tool for Program Review, Assessment, and Accreditation: The Information Systems Assessment Test. 2011 Information Systems Educators Conference, Wilmington, NC, 3-6 Nov. 2011. Thomas Hilton, Lynn McKell, Brigham Young University, George Kasper, Virginia Commonwealth University, Bruce White, Quinnipiac University, and Kewal Dhariwal, Excelsior College.


A Tutorial on Organizational Participation in Open Communities. International Conference on Information Systems, Shanghai, China, 4-7 Dec. 2011. Matt Germonprez, Brian Warner, Linux Foundation, Lars Mathiassen, Georgia State University, Julie Kendall, Rutgers University, and Ken Kendall, Rutgers University.

Extramural and UW-System Grants

Organizational Participation on Open Communities. National Science Foundation. $399,094. Matt Germonprez.

Summer Research Experiences for Undergraduates Grants

Attitude to and Knowledge of IT Codes of Ethics by Information Technology Pre-Professionals. Christopher Paradeise and Bruce Lo.

Faculty/Student Research Collaboration Grants


UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011

Analysis of the Online Behavior of Global Internet Audiences. James Kasson and Bruce Lo.


Student Conferences


Kinesiology

Publications


Conference Presentations


Extramural and UW-System Grants

Enhanced Participation through Adapted Equipment for Children Living with Paralysis. Christopher and Dana Reeve Foundation. $4,200. Marquell Johnson.

Small Research Grants


Summer Research Experiences for Undergraduates Grants

Collaborative Exercise Program for Disease Prevention in At-Risk Individuals. Chase O’Keefe, Elizabeth Erickson, Lauren Lube, Shannon Crook, Tom Groth, Lauren Hetzel, and Donald Bredle.
UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011


The Effect of Spatting on Speed, Agility, Power, and Balance. Gregory Barlow, Brent Dubois, Bryce Kern, Robert Niedermeyer, and Gary VanGuilder.


Modifying the University Classroom to Increase Energy Expenditure in College Students. Nolan Peterson, Christopher Thewis, Jacob Charette, Shane Forsting, Luke Grosskreutz, Gary VanGuilder, and Jeffrey Janot.

Quantifying the Amount of Electricity Produced During Aerobic Cycling Exercise in Young Adults. Kayla Lemke, Kelly Brock, Elizabeth Klocker, Maria Peloquin, Amy Kedrowski, Gina Grinde, Torin Stegemeyer, Erik Halverson, Nathan Woodward, and Gary VanGuilder.


Varying Cleat Length and Type and Its Effect on Sport Performance in Division III Football Players on Field Turf. Morgan Mason, Brett Jensen, Kalan Stittleburg, and Gary VanGuilder.

Student Conferences


Learning and Technology Services

Extramural and UW-System Grants


Management and Marketing

Publications


Jennifer Johns-Artisensi.


Conference Presentations


Developing Your Career and the Academy: Becoming Involved with the Midwest Academy of Management. Midwest Academy of Management Conference, Omaha, NE, 20-22 Oct. 2011. Kristy Lauver, Scott Lester, Megan Gerhardt, Miami University, Dale Dwyer, University of Toledo, Steven Moser, University of North Dakota, Jason Fertig, University of Southern Indiana, Diana Wong, Eastern Michigan University, and Jennifer Mencl, University of Minnesota-Duluth.


Extramural and UW-System Grants

Western Wisconsin Regional Geriatric Education Center. Health Resources and Services Administration. $10,000. Jennifer Johns-Arteseni.

University Research and Creative Activity (Faculty Sabbatical/URCA)

Examining the Antecedents of Asymmetrical and Symmetrical Trust. URCA. Scott Lester.

An Exploration of Collectivist and Individualist Differences in Hospitality and Tourism Based Critical Incidents. URCA. Scott Swanson.

Small Research Grants

Faculty Development in International Business (FDIB) Program to Southeast Asia. Rama Yelkur.

Summer Research Experiences for Undergraduates Grants

Development of a Practicum Site Quality Profile for Long Term Care Administration Programs. Rebecca Brunz and Doug Olson.

Faculty/Student Research Collaboration Grants

Management and Marketing/Accounting and Finance

UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011


Management and Marketing/Accounting and Finance

Publications


Management and Marketing/Sociology

Summer Research Experiences for Undergraduates Grants

Using Social Media to Help Students Obtain Success Scripts for Jobs, Career and Life Achievement. Shannon Palmbach, Carly Zubell, Charles Tomkovick, Management and Marketing, and Jeff Erger, Sociology.

Materials Science Center

Publications


UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011

The Effect of pH on Methanobactin and Gold Nanoparticle Formation. Emily Hoida, Alison Banks, and Marcus Mc Ellistrem.


Student Conferences


Mathematics

Publications


Conference Presentations


Improving the Transition from High School to College Mathematics. UW-System President’s Summit on Excellence in Teaching and Learning, Madison, WI, 14-15 April 2011. **Sherrie Serros**, Kathryn Ernie, University of Wisconsin-River Falls, and Erick Hofacker, University of Wisconsin-River Falls.


K3 Surfaces and $S_4$ Symmetry. Number Theory and Physics at the Crossroads, Banff International Research Station, Alberta, Canada, 13 May 2011. **Ursula Whitcher.**


Mathematical Communication through Podcasting. UW-System President’s Summit on Excellence in Teaching and Learning, Madison, WI, 14-15 Apr. 2011. **Sherrie Serros**, Kathryn Ernie, University of Wisconsin-River Falls, and Erick Hofacker, University of Wisconsin-River Falls.


Extramural and UW-System Grants

Assessment of Pedagogical Content Knowledge Aligned with Common Core Standards for Pre-Student Teachers. UW-System PK-16 Initiative Grant. $316,594. (UW-Eau Claire Subaward $17,946). Sherrie Serros, Kathryn Ernie, University of Wisconsin-River Falls, and Erick Hofacker, University of Wisconsin-River Falls.


University Research and Creative Activity (Faculty Sabbatical/URCA)


Topics in Mathematics and Music. URCA. James Walker.

Small Research Grants

Development of Interval Kalman Filter Algorithm. Mohamed Elgindi.

Extensions of Infinity Algebras. Michael Penkava.

Eynard-Orantin Recursion Formulae. Michael Penkava.

Summer Research Experiences for Undergraduates Grants

$\Theta_4$ Embeddings in Words. Russell Chamberlain, Chi Zhang, student, University of Florida, Sam Ginsburg, student, Allegheny College, and Manda Riehl.


Mathematical Inequalities and its Applications. Noah Williams, Sean Vanden Avond, Chunyang Tang, and Simei Tong.

Properties of Solutions to the Generalized Airy Equation on Time Scales. Thomas Nevins, Madeline Barnicle, student, University of Chicago, Joseph Varilone, student, University of Michigan, and Chris Ahrendt.

Faculty/Student Research Collaboration Grants

Adjacency Graphs Under Two Models of Genome Rearrangement. Sam Brueggen, Kyle Vogt, Noah Williams, and Manda Riehl.


Combinatorics of Chord Progressions. Peter Kiefer and Manda Riehl.

Determining a Group Out of Tangles. Carolyn Otto.

Introduction to $D_8 \times D_8$ and its Subgroup Lattice. Bria Morgan, Sara Leffingwell, Daniel Schilcher, and Dandielle Lewis.

Mathematics of Replacement. Kaisey Garrigan, Molly Barlow, Danielle Bronshteyn, Shyam Chadha, and Veena Chadha.


SurComplex Numbers. Tristan Williams, Joshua Frinak, Douglas Muskett, Austen Ott, and Robert Andersen.
Summer Extramural Grant Development Grants

The Excellence in Science, Technology, Engineering and Mathematics Scholarship Program II. Michael Howe.

UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011

Classifying Complemented Subspaces of $L_p$ with the Alspach Norm. Shawn Peters, Rebekah Sippert, and Simei Tong.

Constructing the Moduli Space of Low Dimensional Infinity Algebras. Joshua Frinak, Austen Ott, and Michael Penkava.


An International Study of Mathematics in Middle Schools. Chelsey Drohman, Alice Oswalt, Ying Yang, Diane Masarik, and Simei Tong.

The Mathematics of Perfect $n$-Shuffles. Shawn Peters and Carl Schoen.


OOMPH. Katie Nestingen, Alison Lau, and Manda Riehl.

Optimizing the Evacuation of a Shopping Mall, Phase I. Mark Bauer, Hong Yang, and Simei Tong.

Removing Singularities of Solutions to the Generalized Logistic Equation on Time Scales. Tristan Newman Williams, Amy Wells, and Chris Ahrendt.


Use of 4-D Diagrams to Solve Equations. Austen Ott, Bret Meier, and Colleen Duffy.

Student Conferences


Optimizing the Evacuation of Hospitals Phase II. Posters in the Rotunda, Madison, WI, 6 Apr. 2011. Mark Bauer, Hong Yang, and Simei Tong.

Mathematics/Computer Science

UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011

Optimizing the Evacuation for Eau Claire County, Phase III. Mark Bauer, Eric Lafferty, Brian Buell, Hannah Miller, Simei Tong, Mathematics, and Daniel Ernst, Computer Science.

Mathematics/Geology

UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011


Mathematics/Music and Theatre Arts

UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011


McIntyre Library

Publications


Introduction: Tolkien and Film. 5-23. Janice M. Bogstad.


Conference Presentations


UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011

Information Literacy: An Expanded Paradigm. Angela Marie Stangl and John H. Pollitz.
McNair Program

Extramural and UW-System Grants


Music and Theatre Arts

Publications


Conference Presentations


Extramural and UW-System Grants


University Research and Creative Activity (Faculty Sabbatical/ URCA)


A Mechanical and Expressive Manual for Musicians. URCA. Tim Lane.

Small Research Grants


Small Research Grant for Lenovo Thinkpad Tablet. Nicholas Phillips.

Summer Research Experiences for Undergraduates Grants

Assessment of Short-Term Memory for Rhythmic Reproduction in Residents on a Dementia Unit. Iansa Zaldrariaga, Rachel Philipps, Kathryn Henderson, and Lee Anna Rasar.

Into the Woods. Kathryn Gerarden and F. Reed Brown.


New Voices and Old Songs: Setting Hildegard of Bingen to Music. Gregory Ellis, Ben Hase, Jennifer Newton, Leisa Sunier, and Ethan Wickman.


Renaissance Songs and Dances: Creating Arrangements for Flute Trio. Tyler Adam, Madeline Fitzgerald, Ashley Zipperer, and Christa Garvey.

Selecting and Composing Music for Diverse Audiences (Blugold Marching Band). Derrick Sandkamp and Randy Dickerson.

Teacher Development of Instrumental Repertoire and Recruitment. Megan Pattarozzi and Peter Haberman.

Tracing the Footsteps of Swing Legends: Tommy Dorsey & Jo Stafford, 1939-1941. Tyler Anderson and Ryan Jones.

Faculty/Student Research Collaboration Grants

Collaborative Composition. Andrew Steffen and Gary Schwartzhoff.


UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011

Addressing Issues of Technique and Style in Tenor Trombone Repertoire. Nicole Brellenthin and Phillip Ostrander.

Assessment of Types of Learning Engagement which Contribute to Integrative Learning in Music Therapy.
*Amber Tappe, Iansa Zaldarriaga,* and *Lee Anna Rasar.*

The Cross-Relationship Between Art, Music, and Big Band Jazz. *Aaron Hedenstrom* and *Ethan Wickman.*

Examining Editions of Beethoven’s Piano Sonatas. *Benjamin Zimmer* and *Nicholas Phillips.*

King and Queen of the High C’s: The Bel Canto Love Affair of Luciano Pavarotti and Joan Sutherland. *Jonas Marcel Hacker, Erin Lorraine Kenneavy,* and *Mitra Sadeghpour.*

New Music Project. *Allyssa Severson, Anna Brake,* and *Ethan Wickman.*

**Nursing**

**Publications**


**Conference Presentations**

Implementation of a School Nurse Online Journal Club to Connect School Nurses and Bring Evidence into Practice. School Nurse International Conference, Hong Kong Polytechnic University, Kowloon, Hong Kong, 26-29 July 2011. *Charlotte Sortedahl.*

**Extramural and UW-System Grants**

*Advanced Education Nursing Traineeship.* Health Resources and Services Administration. $38,337. *Debra Jansen.*

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

Faculty Experiences Teaching in an Accelerated Baccalaureate Nursing Program (ABSN). URCA. *Cheryl Brandt, Melissa Boellaard,* and *CeCelia Zorn.*

Hospital-Supported Agriculture in the Chippewa Valley: An Ethnographic Exploration. URCA. *Mary Canales.*

**Small Research Grants**

*LGBT Healthcare Needs and Concerns.* *Lisa Mercer* and *Sheila Smith.*

**Faculty/Student Research Collaboration Grants**

*Online Journal Club for Nurses: Best Practices to Impact Evidence-Based Practice.* Brook Forster, Sarah Pitts, Matthew Mitchell, and Charlotte Sortedahl.

**UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011**

*Students and Clinical Staff Agency Mutually Benefit from Collaboration.* Rachel Philipps, Teresa Coughlin, and Susan Moch.

**Office of Research and Sponsored Programs**

**Publications**


**Philosophy and Religious Studies**

**Publications**


Conference Presentations


Ludology and Theological Ethics: Could Games be Good for the Soul? Videogame Cultures International Conference.

Mansfield College, Oxford University, 7-9 July 2010. Charlene Burns.


University Research and Creative Activity (Faculty Sabbatical/URCA)


Summer Research Experiences for Undergraduates Grants


Physics and Astronomy

University Research and Creative Activity (Faculty Sabbatical/URCA)


Summer Research Experiences for Undergraduates Grants

Aerobraking a Spacecraft through Neptune’s Atmosphere. Andrew Bartlein and George Stecher.
## Political Science

### Publications

**Cyberbullying: A Review of the Legal Issues Facing Educators.** Preventing School Failure: Alternative Education for Children and Youth 55.2 (2011): 71-78. Sameer Hinduja, Florida Atlantic University, and **Justin Patchin**.


**Traditional and Nontraditional Bullying Among Youth: A Test of General Strain Theory.** Youth and Society 43.2 (2011): 727-751. **Justin Patchin** and Sameer Hinduja, Florida Atlantic University.

### Conference Presentations


**Parenting Styles and Criminal Involvement: A Test of Baumrind’s Typology.** American Society of Criminology Annual Meeting, Washington, DC, 16-19 Nov. 2011. **Jason Spraitz**.

**Understanding Collateral Consequences of Registry Laws: An Examination of the Perceptions of Pennsylvania Sex**

Extramural and UW-System Grants


University Research and Creative Activity (Faculty Sabbatical/URCA)


Summer Research Experiences for Undergraduates Grants


Cyberbullying and Online Harassment: A Synthesis and Quantitative Summary of the Literature. Derek Waterstreet and Justin Patchin.

Surveying Muslims in America: Islam, Democracy, and United States Foreign Policy. Nicholas Koerner and Ali Abootalebi.

UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011


Examining How Immigration Waves Have Altered Cuban-American Politics. Jamie Browning and Geoffrey Peterson.


Psychology

Publications


Jennifer Muehlenkamp, and Patricia Bijttebier, Catholic University of Leuven.


Graduate Research, Scholarly and Creative Activity Grants


Summer Research Experiences for Undergraduates Grants

Communicating and Conceptualizing Research on Self-Harm Treatment. Ashley Stewart, Lindsey Havertape, Amber Marion, and Jennifer Muehlenkamp.

Economic and Biological Influences on Discounting of Delayed Outcomes. Nicole Jerdee, Kaija Muhich, Joseph Carlson, David Kelley, and Daniel Holt.


Mating Orientations and Science Literacy: A Dual-Purpose Longitudinal Investigation. Danielle Ryan, Carolyn Kolb, Katherine Quigley, and April Bleske-Rechek.


Faculty/Student Research Collaboration Grants

The Army Glass Ceiling. Kevin Anderson and Lori Bica.


Dating Scripts and Why They are Still Relevant. Karissa Zastrow and Lori Bica.


The Effect of Number of Siblings on the Academic Wellbeing of Children with Divorced or Separated Parents. Alyssa Loveland and Lori Bica.

The Effects of Passive Media on Altering Sustainable Attitudes. Shauna Stoeger, Tehya Rice, and Blaine Peden.


LGBT Students and Counseling Services. Katie Johnson and Lori Bica.


Temporal Associations of Personality, Distress Tolerance, and NSSI Attentional Bias. Emily Prosser, Katherine Quigley, and Jennifer Muehlenkamp.
**UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011**

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**Bold:** Faculty/Academic Staff; **Bold/Italics:** Undergraduate Student; **Bold/Underline:** Graduate Student


Mating Desires and Plans for Work and Family: Comparisons by Sex, Discipline, and Year in College. Stacy Miller, Danielle Ryan, Eric Fuerstenberg, Heather Harris, Megan Risdal, Brittany Byrne, Sarah Camp, Laura Ritchie, and April Bleske-Rechek.

Performance Differences Between Spatial and Aspatial Majors on Visual Spatial Tasks. Randy Lim, Nick Asay, and Catya von Karolysi.

Prompting versus Spontaneous Pairing of the Behavior Sit in Canines. Nicole Scharrer, Katie Wiskow, Katherine Lawrenz, Amber Peirce, Kathryn Prince, Chelsey Oleson, Karl Zimmerman, Caitlin Flanigan, and Daniel Holt.

The Relationship Between College Students’ Pedagogical Preferences and Their Epistemic Beliefs: Preliminary Findings. Alyssa Bell, Haley Scheer, and Mary Beth Leibham.

Sexual Selection and Intelligence: The Role of Vocabulary in Human Courtship. Eric Fuerstenberg and Blaine Peden.


Student Consensus on RateMyProfessors.com. Amber Fritsch, Brittany Henn, and April Bleske-Rechek.

Training Individuals to Implement a Brief Experimental Analysis of Oral Reading Fluency. Amber Zank and Michael Axelrod.

Twenty-Five Years of GRE Scores and Graduate Enrollment Data by Gender, Ethnicity, and Discipline. Heather Harris, Eric Fuerstenberg, and April Bleske-Rechek.

Use of the Dynamic Indicators of Basic Early Literacy Skills with English Language Learners. Rachel McCarthy and Mary Beth Tusing.

Using Brief Experimental Analysis (BEA) to Identify Effective Math Interventions. Christina DeLapp, Vincent Campbell, and Michael Axelrod.


Student Conferences


UW-Eau Claire Students’ Scientific Literacy and Attitudes Toward Science and Technology as a Function of Gender, Discipline, and Year in College. Posters in the Rotunda, Madison, WI, 6 Apr. 2011. Heather Harris, Danielle Ryan, Stacy Miller, and April Bleske-Rechek.
Public Health Professions

Extramural and UW-System Grants

Saatamoinen Foundation Award in Health Sciences. Fulbright Scholar Program. $16,806. Crispin Pierce.

Summer Research Experiences for Undergraduates Grants


UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011


Service Learning

Extramural and UW-System Grants

2012 MLK Collegiate Challenge. Campus Compact. $1,000. Don Mowry.

Early Childhood Literacy Intervention, Services, and Evaluation Project. Wisconsin National and Community Service Board. $93,679. Don Mowry and Donna Lehmkuhl.


Wisconsin Campus Compact Americorps *VISTA Community-Based Learning Project. Wisconsin Campus Compact. $35,000 (VISTA volunteer salary). Don Mowry.

Social Work

Publications


Conference Presentations


Sociology

University Research and Creative Activity (Faculty Sabbatical/URCA)


Summer Research Experiences for Undergraduates Grants

Belief, Social Identity, and Sexually Transmitted Infection Risks Among UW-Eau Claire Students. Bryton Fredrick and Jeff Erger.

Health Status and Socioeconomic Characteristics of the Chinese Elderly. Justine Cornelius, John Hilgendorf, and Jianjun Ji.

Misinformed? Campus Norms Regarding Alcohol Use. Angela Hudson and Kathleen Nybroten.

Faculty/Student Research Collaboration Grants

Political and Religious Orientations, Social Involvement, and Student Satisfaction with College. Kevin Reinhold and Jeff Erger.
SOCIOLOGY/COMMUNICATION AND JOURNALISM

UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011

Hooking Up Among College Students. Megan Reed and Kathleen Nybroten.

Links to Psychological Wellbeing of the Urban Chinese Elderly. Kathryn Meinholz, Justine Cornelius, and Jianjun Ji.


What is a Woman?: An Examination of the Discursive Formation of “Woman” Over Time. Alexandria Korb and Jeff Erger.

Student Conferences


Sociology/Communication and Journalism

UW-Eau Claire Student Research Day Poster Session, 2-4 May 2011

Special Education

Publications


Conference Presentations


Supporting the Future: Mentoring First Year Special Education Teachers as a Method to Sustain Qualified and Effective Practitioners. Teacher Education Division of the Council for Exceptional Children 34th Annual Conference, Austin, TX, 10-12 Nov. 2011. Angela Dalhoe and Rosemary Battalio.


Summer Research Experiences for Undergraduates Grants

Special Education/Education Studies/College of Educaton and Human Sciences/Psychology

Publications


Student Support Services Program

Extramural and UW-System Grants

**Student Support Services-Disabled.** U.S. Department of Education. $213,180. **Alice Bayerl**.

**Student Support Services.** U.S. Department of Education. $378,511. **Bruce Ouderkirk**.

University Centers

Extramural and UW-System Grants

**Rhythmic Circus.** Arts Midwest. $3,000. **Jennifer Brockpahler**.

University Police

Extramural and UW-System Grants

**Click It or Ticket.** $4,000. Wisconsin Department of Transportation. **David Sprick**.

Upward Bound

Extramural and UW-System Grants

**Upward Bound.** U.S. Department of Education. $318,069. **Kimamo Wahome**.

**Upward Bound Supplement.** Eau Claire Area School District. $1,000. **Kimamo Wahome**.

Watershed Institute for Collaborative Environmental Studies

Publications


Conference Presentations

*Comparing Physical Activity Behaviors Among Park Users and Non-Users: Implications for Policy and Research.* American Leisure Academy, Atlanta, GA, 3 Nov. 2011. **Karen G. Mumford**.

Women’s Studies

Publications


Conference Presentations

*Feminist Editing: Another One of the ‘Master’s Tools’? Or Can It Transform the Academy?* National Women’s Studies Association Conference, Atlanta, GA, 10-13 Nov. 2011. **Catherine Emmanuelle**, **Betty Nikia**, **Tuesday Wustrack**, and **Theresa D. Kemp**.


Summer Research Experiences for Undergraduates Grants

*Feminist Teacher in the Making.* **Jillian Phillips** and **Theresa D. Kemp**.
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