Celebrating...

Research, Scholarship and Creative Achievement

Tuesday, February 15, 2005
Atrium
Chalmer Davee Library
Our Mission

To celebrate the research, scholarship and creative activities of the faculty and staff of the University of Wisconsin-River Falls.

This celebration represents the work that goes on outside the classroom and at the same time enriches our campus and communities.

It is exhibited through the display of papers, journal articles, books, posters, and a variety of artwork and other artifacts produced by our faculty and staff.

Celebrating Research, Scholarship And Creative Achievement

Reception held
Tuesday, February 15, 2005
3:00 – 4:30 p.m.
Atrium, Chalmer Davee Library

Sponsored by:
Chalmer Davee Library
Office of the Provost
Office of Grants and Research of the University of Wisconsin-River Falls
Buttles, Tim, Department of Education

**Academic Poster:**

Clark, Perry, Department of Animal and Food Science

**Funded Grant:**
(In collaboration with Larry Baumann, Regional Development Institute)
The Effect of Two Consecutive Shortened Dry Periods on Milk Yield and Other Profit-Related Parameters. Funded by UW-System Cooperative.

Cordua, William S., Department of Plant and Earth Science

**Journal Article:**

Cosgrove, Dennis, Department of Plant and Earth Science

**Funded Grant:**
(In collaboration with Dennis Cooper, Department of Animal and Food Science),

Hadley, Gregg, Department of Agricultural Economics

**Funded Grant:**
Partnership for Producer Education. Funded by Association Liaison Office for University Cooperation in Development and the United States Agency for International Development.

May, Ranee, Department of Animal and Food Science

**Funded Grants:**
(In collaboration with Steve Watters, Department of Animal and Food Science)

Development of an On-Line Sanitation Course for Wisconsin Cheesemakers. Funded by Wisconsin Milk Marketing Board.

Middleton, Michael, Department of Plant and Earth Science

**Journal Article:**

Onan, Gary, Department of Animal and Food Science

**Funded Grants:**
(In collaboration with Brenda Bortol, Department of Agricultural Economics and Bill Connolly, Laboratory Farms),
From Pig to Plate: Creating a Model for Value-Added Agriculture Education. Funded by USDA Challenge Grant Program.

(Related to Ultrasound Imaging Technology. Funded by UW-River Falls Foundation)

Ridley, Stephen, Dean, College of Agriculture, Food and Environmental Sciences

**Book Chapter:**

**Journal Article:**

Smith, Brian, Department of Plant and Earth Science

**Funded Grants:**

Determination of Proper Propagation Methods for Potential New Wisconsin Plum Cultivars. Funded by UW-System Cooperative Program.


Splet, Nate, Department of Agricultural Economics

**Funded Grant:**
Infusion of Legal Content into the Existing College Curriculum. Funded by USDA Challenge Grant Program.

Trechter, David, Department of Agricultural Economics

**Funded Grants:**
(In collaboration with Kim Zeuli, UW-Madison)
**Cooperative Innovation.** Funded by UW-System Cooperative Program.

(In collaboration with Greg Lawless, University of Wisconsin Center for Cooperatives)
Understanding Wisconsin Producers' Interests in Off-Farm Ag-Related Investment. Funded by UW-System Cooperative Program.

Vasavada, Purnendu, Department of Animal and Food Science

**Academic Paper:**

**Monograph:**

Vignona, Laine, Department of Plant and Earth Science

**Funded Grant:**
Water Quality Evaluation Using a Rapid Monitoring Technique. Funded by UW-RF Faculty Research Grant.

Walters, Bonnie, Department of Animal and Food Science

**Academic Poster:**

**Funded Grant:**

Barnett, Thomas, Department of Music

**Concert:**
River Falls Brass. International Conference on Arts and Humanities, Honolulu, HI, January 9, 2004.

Beard, David, Department of English

**Academic Poster:**

Bergland, Mark, Department of Biology

**Funded Grant/Academic Poster:**
(In collaboration with Mary Lundeberg, Marlys Nelson and Tim Krehl)
Bergland, Mark and Karen Klyczek. Integration of Case-based learning into undergraduate biology curricula via molecular biology computer simulations and Internet conferencing. Funded by National Science Foundation.

Blodgett, Earl, Department of Physics

**Funded Grant:**
AAPT/Physics Teaching Resource Agents Rural Regional Center at UW-RF. Funded by American Association of Physics Teachers.

Brantley, Jennifer, Department of English

**Funded Grant:**
Lake Superior’s Moods and Latitudes: A Women’s Search for Water. Funded by UW-RF Faculty Research Grant.

Brown, Terry, Associate Dean, College of Arts and Sciences

**Funded Grant:**
(In collaboration with Linda Jacobson, Regional Development Institute)
Better Together: The Experience of Place. Funded by Wisconsin Humanities Council.

Caskey, Bradley, Department of Psychology

**Textbook Manual:**
Clifford, Morgan, Department of Art

Book Cover:

Weaving:
Title: 9 Square
Linen and silk, warp painting
Lampas weave (2 warps, 2 wefts)

Crees, Ken, Chemistry Laboratory Manager

Journal Articles:


Ellis, Sandy, Department of Journalism

Academic Poster:

Ficek-Swenson, Bernice, Department of Art

Photogravure Prints:
Titles: Pyre V and Pyre VI

Garry, Clarke, Department of Biology

Funded Grant:

Gaynor, Rick, Department of Music

Concert:
River Falls Brass. International Conference on Arts and Humanities, Honolulu, HI, January 9, 2004.

Hanson, Pat, Department of Speech Communication and Theatre Arts

Monograph:
Hanson, Pat Ferguson. Tommy and Me: My Memories of My Brother Tom. 2004.

Hara, Craig, Department of Music

Concert:
River Falls Brass, International Conference on Arts and Humanities, Honolulu, HI, January 9, 2004.

Harred, Jane, Department of English

Academic Paper:

Hector Haley, Jean V.L., Department of Sociology, Anthropology, and Criminal Justice

Book Chapter:

Heppen, John, Department of Geography

Book Preface:

Book Reviews:


Jermal, Lynn, Department of Art

Collaborative Artwork:
Title: Artifacts of Place
Graphite, found map, tea on bristol board.

Collaborative Mural Project:
Title: The Life of a Middle-Schooler
Eight UW-RF art students and 40 Hudson Middle School students produced a 24’ by 4’ mural on the theme chosen by the middle school students: “The Life of the Middle-Schooler.”
Jilk, Ross, Department of Chemistry

Funded Grant:
Characterization of the Trichome Proteome in Arabidopsis Thaliana. Funded by UW-RF Faculty Research Grant.

Kernahan, Cynthia, Department of Psychology

Academic Poster:

Funded Grant:
Campus-Based Reading Seminar on Racial/Ethnic Topics. Funded by UW-System Institute on Race and Ethnicity.

Klyczek, Karen, Department of Biology

Funded Grant/Academic Poster:
(In collaboration with Lundeberg, Nelson and Tim Bergland, Mark and Karen Klyczek.
Integration of Case-based learning into undergraduate biology curricula via molecular biology computer simulations and Internet conferencing. Funded by National Science Foundation.

Leichtle, Kurt, Department of History

Funded Grants:
(In collaboration with Robert Zeidel, UW-Stout Social Sciences Department)

History Through the Heartland Along the I-94 Corridor. Funded by U.S. Dept of Education.

The Web of Slavery: Masters and Servants in the Chesapeake and Middle Virginia Regions. Funded by UW-RF Faculty Research Grant.

Luebke, Steve, Department of English

Journal Article:

Lyden, Timothy, Department of Biology

Academic Posters:

Lyden, Timothy, William Campbell and Virginia Coombs. Development of an enhanced “research, scholarly and creative activities” culture at UWRF through a student-based organization (SURSCA). Presented at NCUR 2004. Related workshop was given at the CUR 2004 meeting.


Funded Grants:
Enhancing Cellular Analysis at UWR-F: Flow Cytometry and Live-Cell Microscopy at the Imaging Center.” Funded by UW-River Falls Foundation.

Live Cell Cytoskeletal Dynamics During Intercellular Fusion. Funded by UW-RF Faculty Research Grant.

Madsen, James, Department of Physics

Funded Grants:
IceCube Startup Project. Funded by the National Science Foundation, (sub grant from UW-Madison).

NSF SCALE Agreement. Funded by National Science Foundation, (sub grant from UW-Madison).

Journal Articles:


Mak, Peter, Department of Art

Artwork:

Title: Holiday
Experimentation on digital images of sculptures and found objects.

Marchand, Daniel, Department of Chemistry

Funded Grant:
Chrom Perfect Spirit Software. Funded by Justice Laboratory Software.

Journal Articles:


McLaughlin, Kevin, Department of Chemistry

Journal Article:

Mulvey, James, Department of English

Journal Article:

Murray, Robin, Department of Speech Communication and Theatre Arts

Funded Grant:
Creating Images for a New Play: The Lewis and Clark Expedition. Funded by UW-RF Faculty Research Grant.

Padgett, Michael, Department of Art

Ceramic:
Glazed teapot.

Parks, Andrew, Department of Music

Concert:
River Falls Brass, International Conference on Arts and Humanities, Honolulu, HI, January 9, 2004.

Pavlov, Vladimir, Department of English

Academic Paper:

Peterson, Edward, Department of History and Philosophy

Monograph:

Peterson, Karl, Department of Chemistry

Funded Grant:
Synthesis of Incarcavillateine and Analogs. Funded by University of Minnesota.

Peterson, Karl, Department of Chemistry

Funded Grant:
SYllthesi.~ of Incarcavillateine alld Analogs. Funded by Minnesota.

Peterson, Karl, Department of Chemistry

Funded Grant:
(In collaboration with Karen Klyczek, Department of Biology) Merck-AAAS Grant. Funded by Merck and American Association for the Advancement of Science.

Peterson, Karl, Department of Chemistry

Funded Grant:
(In collaboration with Karen Klyczek, Department of Biology) Merck-AAAS Grant. Funded by Merck and American Association for the Advancement of Science.

Sabien, Randy, Department of Music

Musical Composition Anthologies:


Musical Recording on CD:

Spiczak, Glenn, Department of Physics

Journal Articles:


Stofferahn, Ken, Department of Speech Communication/Theatre Arts

*Funded Grant:*

*St. Croix Valley Summer Theatre Target Grant.* Funded by the Target Corp.

Toman, Marshall, Department of English

*Review:*


Vossler, Megan, Department of Art

*Paintings:*

*Titles:* *The Trainer and The Mother* (two from a series of twelve)

Graphite and watercolor on paper.

Wazanowski, Charles, Department of Music

*Concert:*

*River Falls Brass.* International Conference on Arts and Humanities, Honolulu, HI, January 9, 2004.

Weller, Janis, Department of Music

*Academic Paper:*


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**COLLEGE OF BUSINESS AND ECONOMICS**

**Brux, Jacqueline**, Department of Economics

*Textbook:*


**Bye, Christopher**, Small Business Development Center

*Funded Grant:*

*UW-RF Small Business Development Center Operation CY 2004.* Funded by UW-Extension.

**Kilian, Claire McCarty**, Department of Business Administration

*Academic Papers:*


*Journal Article:*


**Miller, Darryl**, Department of Business Administration

*Journal Article:*


**Najafi, Hossein**, Department of Computer Science and Information Systems

*Academic Paper:*

Nemecek, Barbara, Dean, College of Business and Economics

Funded Grants:
Excel Entrepreneurship Conference. Funded by Excel Energy Corp.

Ohmer, Douglas, Department of Business Administration

Journal Article:

Rahgozar, Reza, Department of Business Administration

Academic Paper:

Rogers, Suzy, Department of Economics

Short Fiction:

Schultz, Brian, Department of Economics

Funded Grant:
(In collaboration with Hamid Tabesh, Department of Economics)
Testing the Economic Literacy of High School Students. Funded by UW-RF Faculty Research Grant.

Tabesh, Hamid, Department of Economics

Journal Article:

Walker, John, Department of Economics

Funded Grant:
Self-Employed Women and Men in St. Croix County, Wisconsin. Funded by UW-RF Faculty Research Grant.

Allyn, Debra, Department of Health and Human Performance

Academic Poster:

Barrett, Betsy, Department of Health and Human Performance

Academic Poster:

Borup, Jennifer, Department of Social Work

Funded Grant:

Foster, Connie, Dean, College of Education and Professional Studies

Academic Poster:

Harris, Mike, Department of Communicative Disorders

Journal Article:
Manke, Mary, Associate Dean, College of Education and Professional Studies

Book Chapter:

Funded Grants:
Better Teachers through PK-16 Partnerships. Funded by UW-System PK 16.

(In collaboration with Robin Murray, Speech Communication and Theatre Arts and Peter Johansson, Modern Languages)
Office High Quality Professional Development at a Distance: Enhancing Teacher Quality and Student Learning through Content, Performance Assessment, and Reading and Writing in the Content Area. Funded by UW-System, Elementary and Secondary Education Act of 1965.

(In collaboration with Jill Moe, Upward Bound Program)
UW-RF Americorps*VISTA Upward Bound and College of Education and Professional Studies. Funded by Corporation for National and Community Service and Wisconsin Campus Compact.

Moe, Jill, Upward Bound Program

Funded Grant:
UW-RF Upward Bound. Funded by U.S. Dept of Education.

Phinney, Margaret Yatsievitch, Department of Teacher Education

Journal Article:

Schurman, Geoffrey, Department of Teacher Education

Monograph:

Stovall, Donald, Department of Counseling and School Psychology

Funded Grant:
Resiliency Data in Psychosocial Reports: Influence on Educator Optimism for Students with Disabilities. Funded by UW-RF Faculty Research Grant.

Tangen-Foster, Jim, Department of Health and Human Performance

Academic Poster:

Tarr, Susan, Department of Health and Human Performance

Academic Poster:

Ward, Gay, Department of Teacher Education

Journal Articles:


Woiatszewski, Scott, Department of Counseling and School Psychology

Funded Grant:
The Assessment of Resiliency in Children with Disabilities: Analyzing Discussions of Protective Factors in Special Education Assessment Results Meeting. Funded by UW-RF Faculty Research Grant.

COLLEGE OF OUTREACH AND GRADUATE STUDIES

Johnson, Douglas, Interim Dean of Graduate Studies

Funded Grant:
UW-River Falls Teaching Scholars Program. Funded by UW-System.

Jacobson, Linda, University Outreach

Funded Grant:
Community Forum. Funded by St. Croix Valley Community Foundation.

Zaborowski, Leon, Former Dean, College of Outreach and Graduate Studies

Funded Grant:
West-Central Wisconsin Synergy Regional Initiative. Funded by UW Extension.
ADMINISTRATIVE, ACADEMIC AND CLASSIFIED STAFF

Ballou, Roger, Dean of Students

Funded Grant:

(In collaboration with Terri Karis, UW-Stout)
Framing Racial and Ethnic Diversity Issues. Funded by UW-System Institute on Race and Ethnicity.

Campbell, William, Office of Grants and Research

Academic Poster:

Lyden, Timothy, William Campbell and Virginia Coombs. Development of an enhanced "research, scholarly and creative activities" culture at UWRF through a student-based organization (SURSCA). Presented at NCUR 2004. Related workshop was given at the CUR 2004 meeting.

Coombs, Virginia, Provost

Academic Poster:

Lyden, Timothy, William Campbell and Virginia Coombs. Development of an enhanced "research, scholarly and creative activities" culture at UWRF through a student-based organization (SURSCA). Presented at NCUR 2004. Related workshop was given at the CUR 2004 meeting.

Journal Article:


Evju, Rachel Perry, Office of University Advancement

Dance Choreography:

Title: Letting Go
A modern dance piece choreographed by Rachel Perry Evju and performed by Jessica Nelson of Helmer Dance Studio (located in Hudson, WI and Beldenville, WI). Earned following awards in 2004:
Dance America - 1st High Point Solo
Dance Olympus - 2nd High Point Solo
Symposium Dance Competition - 1st Place
Statewide Regional Dance Competition - 1st Place
Statewide National Dance Competition - 1st High Point Solo
International Dance Challenge - 1st High Point Solo

George, Phil, Director, Academic Success Center

Funded Grants:

UW-RF McNair Scholars Program. Funded by U.S. Dept of Education.

Syverson, Kevin, Student Health Services

Funded Grant:

Alcohol and Other Drug Abuse Environmental Assessment. Funded by UW-System/Wisconsin Department of Transportation.

Grants Proposed but not Funded in 2004

Acken Cognrove, Alicia, Regional Development Institute

Cain, Kelly, Department of Plant and Earth Science

Cosgrove, Dennis, Department of Plant and Earth Science
(In collaboration with Randall Jackson, UW-Madison, Department of Agronomy), Carbon Fluxes from Grazed Pasture Soils. UW-System Cooperative Program.


George, Phil, Director, Academic Success Center
UW-RF Student Support Services Program. U.S. Department of Education.

Ghenciu, Ioana, Department of Mathematics
Spaces of Operators. National Science Foundation.

Hadley, Gregg, Regional Development Institute

Hagen, Suzanne, Chancellor's Office
Equity and Compliance. Keeping Our Faculties III: Recruiting, Retaining, and Advancing Faculty of Color. University of Minnesota.

Hunzer, Kathleen, Department of English
Discovering the "Eureka!" Moments of Feminism. UW-RF Faculty Research Grant.

Kahlow, Michael, Department of Chemistry
(In collaboration with Lawrence Que, Jr., University of Minnesota Department of Chemistry), Initial Events and Electron Transfer in the Reaction of Ribonucleotide Reductase R2 with Dioxidogen. National Science Foundation.

Kelm, Steve, Department of Animal and Food Science
Kivlin, Paul, Regional Development Institute
(In collaboration with Gregg Hadley, Regional Development Institute), The Effect of Nutrient Management Plan Compliance on the Cost of Milk Production. UW-System Cooperative Program.

Korenic, Eileen, Department of Physics

Lyden, Timothy, Department of Biology
(In collaboration with Gary Oman, Department of Animal and Food Science) Inquiry-Based Laboratories for Anatomy and Physiology Courses. National Science Foundation.

Manke, Mary, Associate Dean, College of Education and Professional Studies

May, Ranee, Department of Animal and Food Science
Quality and Safety Control Implementation Program. Land O’ Lakes (USAID).

Mogen, Kim, Department of Biology
(In collaboration with Dan Marchand, Chemistry and Robert Coffman, Mathematics and Linda Kinkel, University of Minnesota Department of Plant Pathology), Spatial Analysis and Population Modeling of Streptomyces in the Andropogon Gerardi Rhizosphere: Antibiotic Activity, Genetic Variation, Nutrient Use, and Response to Root Exudates. National Science Foundation.

Peterson, Karl, Department of Chemistry
UW-RF Organics: Synthesis of Potential Apoptosis Activators and Inhibitors. National Science Foundation.

Rayne, Peter, Department of Animal and Food Science
(In collaboration with Kreg Gruben, Department of Biomedical Engineering UW Madison), The Mechanical Interaction of Equestrian and Saddle. UW-System Cooperative Program.

Reilly-Myklebust, Alice, Student Health Services
UW-RF Sexual Assault Program. U.S. Department of Justice.

Schuler, Elizabeth, Upward Bound Program
Youth Service America Grant. Youth Service America.

Smith, Brian, Department of Plant and Earth Science


Spiczak, Glenn, Department of Physics
Electronic Imaging with the new 16” Meade LX200GPS Telescope. UW-RF Faculty Research Grant.
(In collaboration with James Madsen, Department of Physics) Engaging Students with Cosmic Rays. National Science Foundation.

Syverson, Keven, Student Health Services
The Better Living Today Project. Wisconsin Partnership Fund for a Healthy Future, (sub grant from River Falls Schools).

Trechter, David, Department of Agricultural Economics
(In collaboration with Travis Tubre, Department of Psychology) Social Factors Associated with Student Retention at UW-River Falls. UW-RF Faculty Research Grant.