



Grants & Research News

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Notes From the Director

We have moved

The Office of Grants and Research has moved to 700 West Lincoln Avenue. We anticipate remaining here in the Consolidated Communications building until January, 2006, when renovation of Blair Hall is expected to be complete. Documents for our office can be dropped off and picked up in the office of Academic Affairs. Campus mail is also delivered regularly to our new temporary location.

New Staff Member: Brad Green

The Office of Grants and Research welcomes Brad Green, who recently accepted the position of Chief Clerk. Brad is responsible for many details of the office, including answering the telephone at the main number. He coordinates all activities of the Council for Faculty Research, and he will be assuming responsibility for database and website maintenance.

Fulbright Opportunities for Faculty

On page 2, Judy Sunderman, of the Honors College, describes how faculty can take advantage of opportunities in the Fulbright program.

Congratulations to CFR Grantees

The Council on Faculty Research recently funded a variety of projects. See page 2 for a list of awardees. Each person will receive salary support for summer work. Also listed are the number of submissions and awards per college.

Submissions and Awards

On pages 3 and 4, notice a listing of proposals submitted and funded.

Biographical Sketches

See page 5 for profiles of selected individuals who have significant accomplishments in research or in securing grants.

Bob Chesnut
Director, Grants and Research

Fulbright Opportunities for Faculty

The Council for International Exchange of Scholars (CIES) is pleased to announce the publication of the 2006-2007 Fulbright Scholar Program: Grants for U.S. Faculty and Professionals. This marks the opening of the 2006-2007 Fulbright Scholar Competition. The application deadline is August 1, 2005.

For details on the new awards, eligibility guidelines, materials download, and online applications, go to the CIES Web site located at www.cies.org/. If you would like to receive the new catalog of awards on CD-ROM or in hard copy, visit the Web site and update your contact information by clicking on the "Register" link (top right of the page). You can then select which publications to receive.

The Honors College is researching faculty who have won this award in the past in the effort to provide campus support to applicants. Faculty who have received a Fulbright are encouraged to contact Judy Sunderman at [Mailto:csjas@eiu.edu](mailto:csjas@eiu.edu) or by calling 581-2017.

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CIES is a division of the Institute of International Education (IIE)

The Fulbright Program is sponsored by the Bureau of Educational and Cultural Affairs of the United States Department of State.

2005 SUMMER RESEARCH/CREATIVE ACTIVITY AWARDS

The Office of Grants and Research and the Council on Faculty Research would like to congratulate the faculty members who have received 2005 Summer Research and Creative Activity Awards. The Council received fifty-nine grant proposals. The College of Arts and Humanities submitted twenty-one proposals; eight were funded. The College of Sciences submitted twenty eight proposals; nine were funded. The Lumpkin College of Business and Applied Sciences submitted seven proposals; three were funded. The College of Education and Professional Studies submitted two proposals; and Library Services submitted one proposal. Faculty members receiving awards are: Lilian Barria, Political Science; Eric Bollinger, Biological Sciences; Ke-Hsin Jenny Chi, Art; Ann Coddington, Art; Daneen Deptula, Psychology; Christopher Kuipers, English; Crystal Yan Lin, School of Business; Peter Ping Liu, School of Technology; Zhiwei Liu, Biological Sciences; Marina Marjanovic, Biological Sciences; Rajit Mazumder, History; Francine McGregor, English; Christine McCormick, Psychology; Stephen Mullin, Biological Sciences; David Raybin, English; Steven Roper, Political Science; Nora Pat Small, History; Paul Switzer, Biological Sciences; Richard Wilkinson, Family and Consumer Sciences; Joseph Williams, Psychology; and Christopher Wixson, English.

Grant Awards Received / January – March

Blitz, Jonathan, Chemistry. Using Model Systems to Enhance Understanding of Silica Surface Reactions. American Chemical Society - Petroleum Research Fund, \$50,000.

Costa, Charles, Biological Sciences. Functional Analysis of the Tomato Ca-ATPase Mechanism (Extension and Increase #1). National Science Foundation - Illinois State University, \$7,000.

Crews, Daniel, Arts and Humanities Dean's Office. Celebration: A Festival of the Arts. Illinois Arts Council, \$1,990.

Lisowski, Marylin, Early Childhood, Elementary and Middle Level Education. Project STAR - Science/Mathematics, Technology Applications and Research. Illinois State Board of Education, \$241,920.

Meiners, Scott, Biological Sciences. Defining Edge Gradients Using Plant Species Composition in Oak-Hickory Forest. Illinois Native Plant Society, \$750.

Meiners, Scott, Biological Sciences. The Effects of Source Population Size on the Performance of Plants. Illinois Native Plant Society, \$750.

Meiners, Scott, Biological Sciences. Can Supplemental Pollination Increase Reproduction in Isolated Plant Populations? Illinois Department of Natural Resources, \$962.50.

Moore, Linda, Career Services. Mock Dining Etiquette Workshop. Caterpillar, \$1,000.

Morice, Kathryn, Tarble Arts Center. 2005 Arts-in-Education Residency. Illinois Arts Council, \$2,875.

Mullin, Stephen, Biological Sciences. Populations Modeling of a Threatened Salamander Species. Illinois Department of Natural Resources, \$410.

Sneed, Vanessa, Safety Programs. SONOR FY05. Illinois Department of Transportation, \$5,000.

Watts, Michael, Tarble Arts Center. 2004-2005 Exhibition & Education Program. Illinois Arts Council, \$9,320.

Grant Proposals Submitted / January – March

Age, Phil / Dilworth, Jean, Technology / Family and Consumer Sciences. Acquisition of Instruments for the Study of the Delta E Digital Inkjet Color Deviation for Prototype Products. National Science Foundation.

Barbour, Judith, Early Childhood, Elementary and Middle Level Education. Improving Student Achievement in Reading through Enhanced Teacher Knowledge of Effective Fluency Techniques. Illinois Board of Higher Education.

Berg, Richard, Educational Administration. IASA Survey FY05. Illinois Association of School Administrators.

Bower, Douglas, Education and Professional Studies Dean's Office. Regional Beginning Teacher Induction Program (Year 2). Illinois Board of Higher Education.

Bower, Kathleen, Geology/Geography. Increased Drinking Water Supply through Improved Cistern Design in Rural Haiti and Other Developing Countries. Environmental Protection Agency.

Coons, Janice / Coutant, Nancy, Biological Sciences. Workshops for Illinois Nursery Industry to Promote Use of Native Plants in Landscaping. Illinois Department of Natural Resources.

Coons, Janice / Coutant, Nancy / Todd, Brent, Biological Sciences. Development of a Web-based Aid to Restoration featuring: Fruits, Seeds, and Seedlings for Illinois Prairie Plants. Illinois Department of Natural

Resources.

Coons, Janice / Owen, Henry / Over, Thomas / Gutowski, Vince, Biological Sciences / Geology/Geography. Adaptive Mechanisms of *Lesquerella ludoviciana* to Survive Marginal Conditions of Illinois Sand Prairies. Illinois Department of Natural Resources.

Costa, Charles, Biological Sciences. Functional Analysis of the Tomato Ca-ATPase Mechanism (Extension and Increase #1). National Science Foundation - Illinois State University.

Crews, Daniel, Arts and Humanities Dean's Office. Celebration: A Festival for the Arts 2006. Illinois Arts Council.

Crews, Daniel, Arts and Humanities Dean's Office. IBHE Cooperative Work Study Program FY05. Illinois Board of Higher Education.

Croisant, Phyllis, Physical Education. Workshop Development Targeting Community Fall Prevention. Northern Illinois University/Retirement Research Fund.

Fischer, Robert, Biological Sciences. Does a Variable Flow Regime Produced by an Overflow Dam Alter Downstream Fish Communities in a Midwestern Stream? United States Geological Society.

Fischer, Robert, Biological Sciences. Intensive Basin Survey Internship Program. Illinois Environmental Protection Agency.

- Fischer, Robert**, Biological Sciences. The Effectiveness of Artificial Riffles in Illinois Streams. Illinois Department of Natural Resources.
- Fischer, Robert**, Biological Sciences. Effect of Variable Flow Regime on Fish Communities. Illinois Department of Natural Resources.
- Fritz, Ann / Fritz, Gary**, Biological Sciences. Distribution, Molecular and Cytogenetic, Taxonomy, and Population Genetic of Fruit Flies in the *Anastrepha fraterculus* Cryptic Species Complex. National Science Foundation.
- Knight-Davis, Stacey**, Library Services. Allied Health: Special Populations Materials "Nutrition and the Elderly." Illinois Cooperative Collection Management Program.
- Knight-Davis, Stacey**, Library Services. Allied Health: Special Populations Materials "School Materials for Children with Disabilities." Illinois Cooperative Collection Management Program.
- Lassak, Marshall**, Mathematics and Computer Science. Lesson Study Experience. McGraw Foundation.
- Lisowski, Marylin**, Early Childhood, Elementary and Middle Level Education. Project TEAMS (Technological Enhancements and Applications in Math and Science) FY05 (Increase #1). Illinois State Board of Education.
- Lisowski, Marylin**, Early Childhood, Elementary and Middle Level Education. Project TEAMS (Technological Enhancements and Applications in Math and Science) FY05. Illinois Board of Higher Education.
- Liu, Zhiwei**, Biological Sciences. Gall Wasp Species Diversity in the Prairies of Central and Southern Illinois. Illinois Department of Natural Resources.
- Meiners, Scott**, Biological Sciences. Defining Edge Gradients Using Plant Species Composition in Oak-Hickory Forests. Illinois Department of Natural Resources.
- Meiners, Scott**, Biological Sciences. Does Seed Source Population Size Influence Prairie Plant Restoration Success? Prairie Biotech Research.
- Meiners, Scott**, Biological Sciences. The Effects of Source Population Size on the Performance of Plants. Nebraska Chapter of Nature Conservancy.
- Meiners, Scott**, Biological Sciences. REU Supplement: Controls and Consequences of Exotic Plant Invasions in Abandoned Agricultural Land. National Science Foundation.
- Meiners, Scott**, Biological Sciences. Defining Edge Gradients Using Plant Species Composition in Oak-Hickory Forest. Illinois Native Plant Society.
- Meiners, Scott**, Biological Sciences. The Effects of Source Population Size on the Performance of Plants. Illinois Native Plant Society.
- Moore, Linda**, Career Services. Mock Dining Etiquette Workshop. Caterpillar.
- Morice, Kathryn**, Tarble Arts Center. 2006-ARTS-IN-EDUCATION-RESIDENCY. Illinois Arts Council.
- Mullin, Stephen**, Biological Sciences. Populations Modeling of a Threatened Salamander Species. Illinois Department of Natural Resources.
- Nathan, Britto**, Biological Sciences. Transgenic Models to Study the Role of apoE in Alzheimer's Disease (Continuation). Illinois Department of Public Health.
- Osborne, Nick**, Educational Administration. Leadership for the Improvement of Teaching Performance (Year 2). Illinois Board of Higher Education.
- Reed, Gary**, Facilities Planning and Management. Efficient Lighting Upgrade. Illinois Clean Energy Community Foundation.
- Roche, Denis**, WEIU. Public Telecommunications Facilities Program. Department of Commerce.
- Roche, Denis**, WEIU. Meth NCO Grant FY05. National Center for Outreach.
- Small, Nora Pat**, History. Graduate Education for Working Museum Professionals. Institute for Museum and Library Services.
- Sneed, Vanessa**, Safety Programs. SONOR FY05. Illinois Department of Transportation.
- Sneed, Vanessa**, Safety Programs. Employing Motivational Interviewing Strategies with High-Risk Drinkers Who are at Risk for Low Academic Performance. U.S. Department of Education.
- Strader, Michael**, Peace Meal. Senior Nutrition Program FY05. United Way of McLean County.
- Strader, Michael**, Peace Meal. Senior Nutrition Program FY05. United Way of Decatur and Mid-Illinois for DeWitt County.
- Strader, Michael**, Peace Meal. Senior Nutrition Program FY05. City of Champaign.
- Strader, Michael**, Peace Meal. Senior Nutrition Program FY05. Union Township.
- Strader, Michael**, Peace Meal. Senior Nutrition Program FY05. Cottonwood Township.
- Strader, Michael**, Peace Meal. Senior Nutrition Program FY05. Crooked Creek Township.
- Strader, Michael**, Peace Meal. Senior Nutrition Program FY05. Woodbury Township.
- Strader, Michael**, Peace Meal. Senior Nutrition Program FY05. Neoga Township.
- Strader, Michael**, Peace Meal. Senior Nutrition Program FY06. Victor A. Hoersch Elderly Services Trust.
- Strader, Michael**, Peace Meal. Senior Nutrition Program FY06. United Way of Coles County.
- Strader, Michael**, Peace Meal. Senior Nutrition Program FY06. United Way of Pontiac.
- Strader, Michael**, Peace Meal. Senior Nutrition Program FY06. Champaign County Development Disabilities Board.
- Strader, Michael**, Peace Meal. Senior Nutrition Program FY05. Champaign County Mental Health Board.
- Strader, Michael**, Peace Meal. Senior Nutrition Program FY05. Spring Point Township.
- Watts, Michael**, Tarble Arts Center. 2005-2006 Tarble Arts Center Exhibition and Education Program. Illinois Arts Council.



Campus Spotlight



Selected Accomplishments at EIU



- Dr. **Charles A. Rohn** is in his third year as Dean of the College of Education and Professional Studies at Eastern Illinois University. He earned his B.S. degree in Social Sciences and M.A. degree in Educational Administration from University of Illinois-Springfield and his Ed.S. and Ph.D. degrees in Educational Administration from Southern Illinois University-Carbondale. Prior to becoming Dean, Dr. Rohn was Chair of the Department of Educational Administration at Eastern for two years. Other professional experiences include Associate Professor of Educational Leadership at University of Montevallo (AL), as well as superintendencies and principalships at high schools in Indiana and Illinois. Dr. Rohn has been a champion of a current state-wide project that aims to assess teacher graduates of Illinois public colleges. This project has attracted external funding from the Illinois Board of Higher Education, the Illinois State Board of Education, and the Joyce Foundation.

- **Michael Watts** is Director of the Tarble Arts Center at Eastern Illinois University. Prior to joining the EIU staff in 1986, Watts served as director of the Clara M. Eagle and Curris Center Galleries at Murray State University (Murray, Kentucky) and the Yeiser Art Center (Paducah, Kentucky). Watts holds an MFA in Arts Administration from the University of Texas-Austin and a BA in Art History from Western Illinois University. He has had grant requests funded by and has administered grants from: the Illinois Arts Council, Illinois Humanities Council, Arts Midwest, Kentucky Humanities Council, Kentucky Arts Council, Southern Arts Federation, and National Endowment for the Arts. Watts has served as a grants reviewer for the Illinois Arts Council, Kentucky Arts Commission, and Southern Arts Federation. Watts has curated numerous art exhibitions and authored exhibition catalogues, and has made presentations at the annual meetings of the American Association of Museums and Illinois Museum Association

- Professor **Steve Daniels** teaches in Eastern's Physics Department. He has conducted research for several summers and during a sabbatical leave at Meadowlark Optics, a company near Boulder, Colorado. Some of this work has led to research projects for Dr. Daniels' students at Eastern. Daniels serves as a patent reviewer for the journal "Applied Optics." Recently, he received a grant from Trace Photonics, a Charleston company that is funded by Defense Advanced Research Projects Agency (DARPA). The goal of this collaboration is to develop new battery technology. This project is Prof. Daniels' main research effort this year. Funding from DARPA supports the efforts of Dr. Daniels, Dr. Doug Brandt, and several undergraduate students.

- Dr. **Mary Herrington-Perry**, Assistant Vice President for Academic Affairs, is a member of Illinois' Course Applicability System (CAS) planning team. CAS is a web-based interface to automated degree audit and transfer articulation systems. It allows students to compare program requirements among participating institutions throughout the state; access student services, articulation files, course catalogs, etc.; and complete an on-line degree audit to determine what program requirements they still need to complete and to which college or university they can transfer most efficiently. The Illinois CAS website may be accessed at <http://www.ibhe.org/cas/>. Eastern is a "Phase I" participant in CAS; greater participation will be possible once the new student information and degree audit systems have been implemented. Dr. Herrington-Perry recently secured funding for Eastern's participation in CAS with a grant from the University of Illinois. The U of I program is funded by the Illinois Board of Higher Education.

