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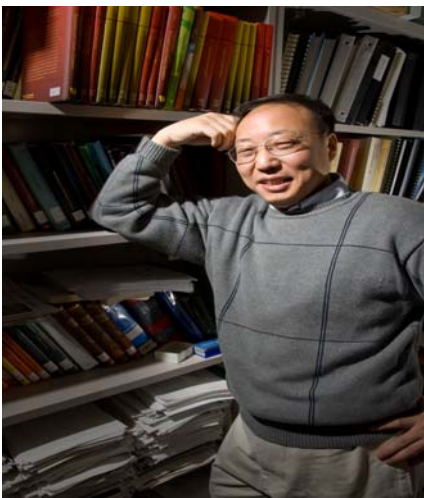
Office of Research and Projects

Research Highlights

Albert Luo

Receives 2008 Paul Simon Outstanding Scholar Award

KEEPING YOU UP TO DATE
ON THE LATEST RESEARCH
NEWS AT SIUE



The Graduate School is pleased to announce Albert Luo as the 2008 recipient of the Paul Simon Outstanding Scholar Award. Albert Luo, Associate Professor of Mechanical and Industrial Engineering, has been with SIUE since 1998. Professor Luo is recognized through the 2008 Paul Simon Outstanding Scholar Award for his work in the areas of advanced dynamic systems and nonlinear vibration analysis, and for his exemplary work with students in the classroom and

research lab. As demonstrated in his remarkable dossier, not only is Dr. Luo's scholarly productivity unprecedented in the School of Engineering, but his teaching is also exemplary, marked by an enthusiasm that ignites the imagination of undergraduate and graduate students alike. Dr. Luo has the enviable gift of bringing to light highly complex concepts to the level of undergraduate students in the classroom. Every single research project in which Dr. Luo's students are involved yields significant results for the students, including numerous journal publications with the students as co-authors.

The Paul Simon Outstanding Scholar Award is presented to an SIUE faculty member in order to recognize the role of research and creative activities in achieving excellence in teaching. The Simon Award confirms SIUE's belief that an individual must be a good scholar to be a good teacher. The Simon Award is sponsored by the Graduate School and presented by the SIUE Graduate Faculty.

Professor Luo is quoted by Dr. Hasan Sevim describing how he is

able to motivate and recruit so many dedicated students: "I excite them by telling them how I apply in my research the concepts I teach them in my undergraduate courses." Dr. Luo's dedication to broadening the knowledge of all students and bringing abstract knowledge into real world applications is echoed in his teaching and research philosophy. Especially in light of today's rapid developments in science and technology, Albert states, "every university education has a responsibility to immediately bring new knowledge and technology to students. ... For a good professor, both teaching and research cannot be separated; they should drive each other."

Professor Luo has also sought external and internal funding to support his research and to benefit his students' learning. Dr. Luo has received major funding from the National Science Foundation, numerous grants from local industries, and several SIUE internally funded awards. This funding has enabled Dr. Luo to include many students in applied research projects, resulting in 14 peer-reviewed journal papers and 25 peer-refereed conference papers. Student projects include the analysis of resonance dynamics and fatigue responses of Caterpillar machinery, materials properties testing, and the design and fabrication of high-efficient heat-sink systems for automobile applications. With funding from the NSF, students have also analyzed non-linear self-excited vibration mechanisms for rotating disk interacting with fluid flow in the enclosed environment.

Students are involved to some extent in all of Professor Luo's research and scholarly activities. The fact that most of his undergraduate students continue to pursue graduate studies, and all of his graduate students either end up pursuing PhD work or have pursued successful careers in industry, also testifies to his teaching and mentoring efficacy.

In 2007 Albert Luo was awarded ASME Fellow, a prestigious award recognizing significant engineering achievements and his contributions to the engineering profession. (continued on Pg. 2)

IERC Announces their new Executive Director and Visiting Associate Professor

Kathleen Sullivan Brown, Ph.D., will be joining the IERC as Executive Director and Visiting Associate Professor starting May 15, 2008.



She will be with the IERC on an interim basis through August 15, 2009, with primary responsibilities to lead and direct the IERC research activities, to work with key state-level stakeholders to guide state education policy, to serve as the IERC's liaison to the new Illinois P-20 Council, and to lead the recruitment process for the next permanent Executive Director.

Dr. Brown will take a short-term professional leave from her faculty position as Associate Professor of Educational Leadership and Pol-

icy Studies in the College of Education at the University of Missouri St. Louis, where she teaches graduate courses in K-12 educational administration and doctoral courses in educational research and policy.

Her main research interest is education policy and collaborative partnerships between schools, universities and communities. She holds a Ph.D. in Education with an emphasis in teaching and learning from the Graduate School of Arts & Sciences of Washington University in St. Louis (1994). From 1999-2006, Dr. Brown served on the Board of Directors of the Holmes Partnership, a national consortium of universities, schools, and professional associations committed to reform in schools and in teacher education. She was also a Fellow of the Public Policy Research Center at the University of Missouri St. Louis in 2003.

Albert Luo Continued...

Founded in 1880 as the American Society of Mechanical Engineers, ASME is a 120,000 member professional organization focused on technical, educational, and research issues of the engineering and technology community. In addition to receiving this honor, Dr. Luo has served as editor of important journals, has served as an active and productive member of ASME Technical Committee and has organized over 16 international symposia and conferences on vibrations, dynamics, and controls, many of which feature student research.

Dr. Luo's research involves the theory and application of nonlinear dynamics and mechanics. He is known for his development of an approximate plate theory, large damage theory for anisotropic materials, and a generalized fractal theory. These theories have been employed to solve nonlinear oscillations in mechanical engineering and to evaluate the degeneration of materials.

As one scholar writes, "I have found Professor Luo to be an invaluable asset for the mechanical engineering education community, an outstanding researcher, and a person of great honor and dignity."

Albert Luo has the unique "ability to motivate and significantly promote the success of anyone around him."

Numerous letters from students express deep appreciation for the training and education they received from Dr. Luo. As one student writes, "Albert Luo has the unique "ability to motivate and significantly promote the success of anyone around him." In the words of one former student recently hired at Lexmark International Inc., "It is apparent that the skills I learned at SIUE ... and especially from you made this opportunity possible. The Mechanical Engineering Department at SIUE or any school would benefit greatly from professors of your quality. I could only hope that you will continue your service to SIUE in order to deliver a greater standard of education to the students."

As the 2008 recipient of the Paul Simon Outstanding Scholar Award, Professor Luo will make a presentation next year at the SIUE Graduate School's Paul Simon Luncheon.

-by Christa Johnson



The Graduate School Honors Distinguished Research Professors

A select committee of the Graduate Faculty met to review applications for promotion to Distinguished Research Professor. After careful review of all applications, the committee unanimously recommended Paul Dresang for promotion to Distinguished Research Professor of Art and Design, and Urszula Ledzewicz for promotion to Distinguished Research Professor of Mathematics and Statistics.

Paul Dresang has sustained an extraordinary record of creative activities since his promotion to professor in 1988 and brings national recognition to his department. Since his promotion, he has maintained the highest level of professional development and has steadfastly pursued his creative research independently and through internally and externally funded projects, including the prestigious National Endowment for the Visual Arts Fellowship Grant. He is a sought-after demonstrator and lecturer, has juried numerous exhibitions, and his work is widely represented in a variety of publications. His dossier clearly demonstrates that his creative work has had a tremendous impact on the field, his students, and the public. External reviewers of Professor Dresang's credentials provided unequivocal strong evidence of the high quality of his work. These reviewers stated that he is "a guru of ceramics technique" having acquired, in effect, "two stellar reputations: one as a functional potter and the other as a sculptor of vessel-referential objects." According to these reviewers, he is also "internationally one of the foremost representatives of the genre known as trompe l'oeil ceramic sculpture.... [and] has set the standard for the intensely naturalistic representation of ordinary objects in clay." Several external reviewers noted that Professor Dresang shows no sign of slowing down, continuing to exhibit in the most prestigious venues. His work was shown in 14 different exhibits across the country in 2007 alone. In the words of one reviewer: "I can think of no better crescendo" to his career accomplishments than to name him a Distinguished Research Professor of Art and Design.

Urszula Ledzewicz has sustained an extraordinary record of research and scholarly activities throughout her career and brings national and international recognition to her department. Since her promotion to the rank of full Professor in 1995, she has published over 60 peer reviewed research papers and has given close to 70 presentations of her research work mostly at international conferences. In that period she also has received 5 major NSF research grants

and three international collaborative research grants. Professor Ledzewicz's research has appeared in leading journals in her field. Her dossier clearly demonstrates that her research has had a tremendous impact on the field, her students, and the public. External reviewers of Professor Ledzewicz's credentials provided unequivocal strong evidence of her work. These reviewers stated that she is "a prominent world leader in the newly emerged and far reaching field of dynamics and control of biomedical systems." Further evidence of the recognition of her research is her membership on the Editorial Boards of a number of important journals devoted to modeling and analysis of systems. Several external reviewers noted that Professor Ledzewicz shows no sign of slowing down, continuing to produce highly relevant and innovative research. In the words of one reviewer: "Professor Urszula Ledzewicz is an excellent candidate for the rank of Distinguished Research Professor." She has tirelessly pursued "with unbounded energy and creativity" the most important and promising research projects in applications of modern optimal control to timely problems in biomedicine with a focus on problems of cancer treatments.



2008 ANNETTE & HENRY BAICH AWARD RECIPIENT



Faith Liebl, Department of Biology, received the 2008 Annette and Henry Baich Award. Faith received her Ph.D. in Neurobiology from the University of Illinois at Chicago where she studied glutamate receptor expression at the *Drosophila* neuromuscular junction. She went on to do her postdoctoral examining synaptic patterning of the *Drosophila* antenna lobe for which she received a NIH Postdoctoral National Research Service Award. Faith is finishing her first year at SIUE. Her lab is interested in learning and memory, specifically the mechanisms that regulate glutamate receptor expression and localization.

Hoppe Research Professor Award

The ninth recipient of the Hoppe Research Professor Award is Allison Thomason, Associate Professor in the Department of Historical Studies, for her work on ancient Mesopotamian textiles and how they serve in the negotiation of human agency and identity. Professor Thomason's Hoppe award will result in a complete book manuscript about the way that textiles and dress help to create personal and institutional identities in ancient Mesopotamia (roughly the equivalent of modern Iraq). This project continues Professor Thomason's long and active research agenda on objects and identity in ancient Mesopotamia. Whereas her prior research



had concentrated on the relationship of Mesopotamian male elites to their material world, this new exploration would converge on two major factors involved

in the production and consumption of textiles: gender and class. Professor Thomason hopes that her examination of this topic will bring new understanding to the culture of Mesopotamia--and ultimately to our own modern world of fashion consumption--through new approaches to identity coming from the fields of material culture and dress studies.

National Endowment for the Humanities Summer Stipends Internal Deadline—AUGUST 29th

**Important
DATE!**

The National Endowment for the Humanities (NEH) Summer Stipend program provides \$6,000 support for two consecutive months of full-time research and writing. SIUE is allowed to nominate up to two scholars for these awards. The Graduate School has therefore set an internal deadline for review of proposals to allow sufficient time to select the applicants who will represent SIUE in the external competition. The pre-proposal deadline is **AUGUST 29th**. The NEH deadline for submitting the two selected nominees is October 1, 2008.

Please contact Teri Gulledge (tgulled@siue.edu or x3114) as soon as possible to confirm that you are submitting a proposal in order to ensure that the required internal review can be completed in a timely fashion.

Research Grants for Graduate Students Spring 2008 Recipients Announced

The recipients of The Graduate School's Spring 2008 Research Grants for Graduate Students (RGGGS) awards have been selected. The RGGGS program awards grants of up to \$500 on a competitive basis to support research initiated and conducted by classified graduate students to enhance their academic progress. The purpose of the program is to support the research of graduate students, particularly as it relates to the thesis or final project.

Proposals must be approved by the student's major advisor and are then ranked by the department. The Research and Projects Advisory Board (RPAB) of The Graduate School makes the recommendations on funding.

The recipients of the Spring 2008 RGGGS awards follow.

College of Arts and Sciences

Melissa Hall, Environmental Sciences, "Browsing Effects on Native Shrub and Understory Species"

Megan Jablonski, Biological Sciences, for "The Extent of Premating and Prezygotic Barriers between Allopatric and Sympatric Populations of *F. olivaceus* and *F. notatus*"

Ranju Karna, Environmental Sciences, for "Volatilization of Selenium in Soil-Plant Systems: Role of Rabbitfoot Grass-Associated Bacterial Community"

Melissa Kelley, Biological Sciences, for "Assessing the Effect of a Person's Natural Flora on their Risk for Colon Cancer"

Renee Klohr, Biological Sciences, for "An Investigation of the Serotonergic System in the Earthworm Gizzard"

Bhusal Kusumakar, Geography, for "A Remote Sensing Approach to Study the Impact of Green Roofs in Reducing Urban Heat Island Effect (UHI) of Downtown Chicago"

Robert Longyear, Art and Design, for "Ecology of Absence"

Alan Meredith, Biological Sciences, "The Effects of the Neurotransmitter Acetylcholine on the Signal Transduction Pathways of the Earthworm, *Lumbricus terrestris*"

Nicole Polillo, Biological Sciences, "Helicobacter pylori Infections in Neonatal Murine Model"

Kevin Rohling, Geography, for "A Spatial Analysis of Small Road-Killed Vertebrates in Madison County, IL"

School of Education

Brooke Ferrero Baker, Psychology, for "Middle School, High School, and College Students' Attitudes toward Mental Illness and Mental Health Care"

Stacy Darr, Psychology, for "Evaluation of Stigmatization between HIV/AIDS and Cancer in Junior High Students"

Beth Hamby, Psychology, for "College Students' Preferences of Racial and Gender Features of Mental Health Professionals as Compared to Medical Health Professionals"

Timothy Heden, Kinesiology & Health Education, for "Comparing Total Calories Burned during Different Modes of Resistance Training"

Kristin Hoover, Psychology, for "Psychologists' Ethical Considerations toward Forensic and Non-Forensic Clients with Anxiety, Depression, and Schizophrenia"

Patricia Klaus, Psychology, for "Teacher Reports on the Efficacy of Discipline Strategies: A Comparison between PBIS and Non-PBIS Schools"

Lindsey Nixon, Psychology, for "Self-Efficacy and Academic Achievement with Low Socioeconomic Students"

Caitlin Phillips, Psychology, for "Low-Income African American and Caucasian Adolescent's Perceptions of Mental Health Care Barriers"

Kristy Wakefield, Psychology, "Factors Influencing Parental Acceptance of Specific Therapies for Children"

The next deadline for the RGGGS competition will be early October 2008. Applications are available online at www.siu.edu/graduate/current/research.shtml.





Activities from the Institute for Urban Research by Andy Theising, Director

The IUR has had a very busy 2008, and more exciting projects are coming up. IUR staff and associated faculty have been busy on several projects, including wrapping up a grant for a Land Value Taxation study of East St. Louis, doing on-going program evaluation work with the School of Nursing, as well as participating in other contracts with community partners. The IUR participated in three conferences this spring, including taking area Sociologists gathered in St. Louis for their annual Midwest conference on tours of the East St. Louis area.

Urban Research Scholars

A second group of Urban Research Scholars has been appointed since the last issue of *Research Highlights*. Urban Research Scholars are members of faculty who are chosen by the IUR because they are doing research on issues of importance to the IUR's agenda. The IUR provides a modest amount of funding to these scholars and assists them in finding external funding for their work.

Dr. Richard Brugam and **Dr. Luci Kohn** (both in the Department of Biological Sciences) continue chairing an interdisciplinary effort to study the effects of lead contamination in Metro East. This work is an extension of the work they were doing last year for the IUR.

Dr. Denise DeGarmo (Coordinator of the Peace Studies Program, Department of Political Science) is building on her previous work with the IUR by interviewing atomic weapons

workers in the metro St. Louis area. What a valuable database this will be.

Dr. Howard Rambsy (Department of English Language and Literature) is conducting a very interesting cultural study of the MetroLink corridor in Metro East.

Dr. Carl Bentelspacher (Department of Social Work) and **Dr. Lori Campbell** (Department of Sociology and Criminal Justice) are working together to study the long-term consequences of life choices in certain populations, with special attention to effects in Metro East.

The National Park Service Project

IUR will host a small conference this fall in response to the National Park Service's call for suggestions regarding the use of the Gateway Arch grounds. This is being done in conjunction with the St. Louis Metropolitan Research Exchange. Any faculty member interested in helping plan the event is welcome to contact Andy Theising: atheisi@siue.edu or extension 2308. Further announcements will be made to the campus community regarding opportunities to participate.

New Website Debut

The new IUR website will be online this summer. Watch for changes as we prepare for the Fall Semester.

Have a happy and safe summer!

Students Received Awards from the 12th Annual Graduate School Student Research Symposium

The Graduate School Student Research Symposium featured paper presentations and poster/visual art exhibits by graduate students and Undergraduate Research Academy students. All presentations were of high quality. The following students were recipients of awards in the following categories.

Winner of the \$200.00 Best Paper Presentation:

Graduate Student,

Jennifer Glaubius,

Program in Geography,

Paper title: *"Factors Related to the Spatial Patterns of Desertion and Resettlement in Venetian Vostizza"*

Winner of the \$200.00 Best Poster/Visual Art Exhibit:

Graduate Student,

Rebecca R. Barton,

Program in Art & Design

Visual Art Exhibit Title: *"The Application of Hydraulic Press Forming in Jewelry and Metalwork"*

Winner of the iPod-nano drawing:

Rodney Moyer

Winner of the \$50.00 iTunes gift card drawing:

Anca Costea

Winner of the SIUE sweatshirt drawing:

Nathan Hill

-by Linda Skelton

12th Annual Graduate School Spring Symposium Was A Success!

Faculty and students participated in a successful day of events at the 12th Annual Graduate School Spring Symposium on April 8th.

Grant Writing expert Bob Lowman returned to SIUE to present his highly acclaimed “Twelve Keys to Successful Grant Writing” workshop to a full room of SIUE faculty, staff, and off-campus professionals. Bob Lowman is the Associate Vice Chancellor for Research and Adjunct Associate Professor of Psychology at the University of North Carolina at Chapel Hill. Dr. Lowman’s workshop was very well received. Many attendees had a chance to spend more time with Dr. Lowman during individual appointments in the afternoon.

“The Good, the Bad, and the Ugly: What You Need to Know about Allowable and Unallowable Costs in your Grant or Contract” workshop was presented to an enthusiastic audience of faculty and staff by the SIUE Office of Research & Projects Fiscal Management grant accounting staff; Senior Grant Accountant, Dave Bray, and Grant Accountants Gail Munneke and Trisha Simmons.

The Paul Simon Outstanding Scholar Award Luncheon included a presentation titled, “Training the Engineer-in-Training,” by Brad Cross, Professor in the Department of Civil Engineering and recipient of the 2007 Paul Simon Outstanding Scholar Award.

Also at the Luncheon, the Graduate School announced Albert Luo as the 2008 Paul Simon Outstanding Scholar Award recipient. With SIUE since 1998, Albert Luo is an associate professor in the Department of Mechanical and Industrial Engineering. Professor Luo received the 2008 Paul Simon Outstanding Scholar Award for his work in the areas of advanced dynamic systems and nonlinear vibration analysis, and for his exemplary work with students in the classroom and research lab. In 2007, Professor Luo was awarded ASME Fellow, a prestigious award recognizing significant engineering achievements and his contributions to the engineering profession.

Scholarly and creative publications by SIUE Faculty were on display at different locations during the Symposium under the auspices of University Archivist and Special Collections Librarian, Stephen Kerber, and Archives Specialist, Amanda Bahr-Evola.

afternoon from 1:30 to 4:00 featuring a record number of paper presentations and poster/visual arts exhibits by graduate students and students in the Undergraduate Research Academy. Students competed for an award of \$200 for the best paper presentation and \$200 for the best poster/visual art exhibit. (See announcement of student winners on page 2.)

The Chancellor’s Researchers’ Reception wrapped up the day honoring faculty and staff who submitted external grants from March 1, 2007 through February 29, 2008. Chancellor Vaughn Vandegrift hosted this well attended event congratulating these researchers and their achievements.

Steve Hansen, Associate Provost for Research and Dean of the Graduate School, presented a hilarious look at researchers and administrators in terms of famous movie quotes.



The Graduate School staff thanks all faculty and students who participated in this year’s activities and will get started planning next year’s event.

The Graduate Student Research Symposium was held in the

-by Linda Skelton

GRADUATE SCHOOL INTRODUCES MAJOR NEW INTERNAL FUNDING PROGRAM

SIUE STEP

Beginning this Fall 2008, the Graduate School is introducing SIUE STEP grants (Seed grants for Transitional and Exploratory Projects). SIUE STEP grants will provide seed funding on a competitive basis to SIUE faculty and staff to support research and creative activities. Seed funding is intended to encourage faculty to initiate new research directions or new research projects. Seed grant funding is not intended to sustain or supplement current research programs.

Advantages of STEP

The new grant program has several major advantages for faculty: it allows maximum flexibility in requesting grant funds by line item, the ability to request summer salary (not stipends), a higher maximum total award amount, and time to plan ahead for upcoming research and creative activities.

SRF/FUR Phasing Out

We will begin phasing out the Summer Research Fellowship (SRF) program and the Funded University Research (FUR) programs. The STEP program will replace SRF and FUR programs for a total of \$325,000 per fiscal year in available funds. The Graduate School will hold the STEP grant competition annually, the first Friday in February. Funding is for one academic year (August 2009 through August 2010) and is awarded by line item. All line items are allowable. Awards will not exceed \$16,000; awards for non-salary line-items will not exceed \$10,000.

Last SRF Competition

One final SRF competition will be held this September 2008 for up to two summer months (\$4,000 or \$8,000 stipends) as we transition to the STEP grant program. For this final SRF program, funds must be expended by July 1, 2009.

New Review Process

A second major change will be in the review process for the STEP program. Proposals will be assigned to one of four discipline-based review panels as indicated below. Applicants may request a specific review panel. The members of the R&D Committee will secure appropriate panelist commitments for each four panels, and will chair the panel review process.

Panel 1: Life Sciences (includes Nursing, Pharmacy, and Dental Medicine)

Panel 2: Physical Sciences and Engineering

Panel 3: Social Sciences, Business, and Education

Panel 4: Arts and Humanities

All applications will now be submitted electronically via email. Submitted documents must be in PDF. If you have any questions or need assistance, please contact me or my assistant, Teri Gullede (tgulled@siue.edu or x3114).

For further information, please consult our website: <http://www.siue.edu/graduate/internalgrants/step.shtml>

Upcoming Internal Competition Deadlines:

Friday, September 26: Summer Research Fellowship

Friday, October 17: Paul Simon Outstanding Scholar

Monday, November 3: Hoppe Research Professor

Monday, December 1: Distinguished Research Professor

Friday, February 6: Seed Grants for Transitional & Exploratory Projects (STEP)

Friday, March 20: New Investigator Award

For more information on these competitions please visit www.siue.edu/graduate.

Awarded Grants & Contracts: January 1, 2008—June 4, 2008

College of Arts & Sciences

Acheson, Gillian	Geography	\$2,000	Morristown: A Cultural Landscape	Illinois Arts Council
Anree, Grant	Admin—CAS	\$5,150	Arts and Issues 2007-08	Illinois Arts Council
Brunkow, Paul	Biological Sciences	\$1,530	Distribution of the Chinese Mystery Snail in the Lower Illinois River	The National Great Rivers Research and Education Center
Carr, T.R.	Public Administration & Policy Analysis	\$12,000	River Scouts of River Bluff	Girl Scouts of River Bluff
	Public Administration & Policy Analysis	\$3,300	Internship	Lewis & Clark Library Services
	Public Administration & Policy Analysis	\$3,300	Internship	St. Louis Municipal League
	Public Administration & Policy Analysis	\$8,250	Internship	St. Clair Housing Authority
	Public Administration & Policy Analysis	\$3,500	Internship	City of Creve Coeur
	Public Administration & Policy Analysis	\$8,250	Internship	City of O'Fallon
	Public Administration & Policy Analysis	\$7,701	Internship	River Bend Growth Association
DeGarmo, Denise	Political Science	\$1,500	United States Strategic Bombing Survey: The Discovery of 100 Surveys	Bentley Historical Library University of Michigan
Esselman, Elizabeth Smith, Marian	Biological Sciences	\$3,000	Genetic Variation in <i>Astragalus Crassicaucus</i> Var <i>Trichocalyx</i> , an Endangered Illinois Plant Species	Illinois Department of Natural Resources
Essner, Richard Minchin, Peter	Biological Sciences	\$6,000	A Multivariate Habitat Model for the State Threatened Cerulean Warbler and Other Neotropical Migrant Songbirds in Southwestern Illinois	The National Great Rivers Research and Education Center
Fowler, Thomas Barry, Kelly	Biological Sciences	\$6,000	Molecular Comparison of Fungal Communities Associated with <i>Trillium recurvatum</i> on Lowland and Sloped Sites of a Mississippi River Bluff Forest	The National Great Rivers Research and Education Center
Garcia, Hernando	Physics	\$66,977	Collaborative Research: Novel 3D Nanocomposites for Optical and Solar Applications: A First Principles Approach to Cost-Effective Design, Nanomanufacturing and Characterization	National Science Foundation

College of Arts & Sciences—cont.

Glassman, Jack	Physics	\$19,997	Modeling of Laser Systems for Sandia National Laboratory	Sandia National Laboratory
Goebel-Parker Elizabeth	Art & Design	\$5,024	Graduate Assistantship I	The Saint Michael School
	Art & Design	\$5,024	Graduate Assistantship II	The Saint Michael School
Hu, Shunfu	Geography	\$6,000	Development of Geospatial GIS Databases	St. Clair County, Illinois
Khazaeli, Sadegh	Chemistry	\$203,342	Hands-on Science: Improving Science Teacher Quality	Illinois Board of Higher Education
Klorer, Patricia Ann	Art & Design	\$5,024	Graduate Assistantship	Collinsville Unit 10 School District
McClinton, Rowena	Historical Studies	\$800	Roots of Moravian Customs & Music	Newberry Library
Minchin, Peter Essner, Richard	Biological Sciences	\$6,000	Patterns of Native and Exotic Plant Diversity in Fragmented Bluff Forests: A Test of the Biotic Resistance Hypothesis	The National Great Rivers Research and Education Center
Pearson, Randall	Geography	\$92,500	Putting Illinois on the Map II	Lewis & Clark Library System
Sawyer, Sara	Biological Sciences	\$5,950	The Effect of Temperature on Freshwater Hydra	The National Great Rivers Research and Education Center
Sweezy, Charles Otis	Theater & Dance	\$2,340	Summer Showbiz '08	Illinois Arts Council
Taylor Jr., Morris	Public Administration & Policy Analysis	\$4,950	Internship	City of O'Fallon
	Public Administration & Policy Analysis	\$4,950	Internship	St. Clair Housing Authority
	Public Administration & Policy Analysis	\$4,950	Internship	City of University City
Willmott, Cory	Anthropology	\$1,120	Carl Schuster Collection	Field Museum of Natural History

School of Business

Segal, Madhav Nath	Management & Marketing	\$13,750	MMR—DMR Internship III	DMRKYNETEC
	Management & Marketing	\$13,750	MMR—Internship	Mallinckrodt
	Management & Marketing	\$13,750	Sponsored AT&T—MMR Internship	Flake-Wilkerson Marketing Insights
	Management & Marketing	\$13,750	MMR—AB Internship	Anheuser-Busch, Inc.
	Management & Marketing	\$13,750	MMR—FH Internship	Fleishman Hillard
	Management & Marketing	\$13,750	MMR—FRI Internship I	Ipsos Forward Research
	Management & Marketing	\$3,439	MMR—FRI Internship II	Ipsos Forward Research
	Management & Marketing	\$13,750	MMR—MC Internship	Madison County-Employment & Training Department
	Management & Marketing	\$13,750	MMR—BSC Internship	Brown Shoe Company, Inc.
Spivey, Christy	Economics & Finance	\$5,000	Women Breadwinners and the Labor Supply of Their Husbands	W.E. Upjohn Institute for Employment Research

School of Dental Medicine

Rotter, Bruce Miley, Douglas	Dental Medicine	\$130,000	A Prospective, Randomized-Controlled Evaluation of Nanotite and Osseotite Surfaced Implant Performance in Graduate Student Programs-A Multicenter Study	Biomet 3I
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School of Education

Bartels, Lynn Kahney	Psychology	\$5,060	Assistantship	Express Scripts
	Psychology	\$ 781	Assessment Center	Private Client
Cordova, Ralph Taylor, Ann	Curriculum & Instruction	\$30,000	Piasa Bluffs Writing Project	National Writing Project
Marlette, Stephen Hasty, Marilyn Lee Fick, Kathleen	Curriculum & Instruction Mathematics & Statistics Mathematics & Statistics	\$199,911	Mathematics and Science Leadership Initiative-2 Secondary Mathematics (MASLI2-SM)	Illinois State Board of Education
Morice, Linda Hunt, John	Education Leadership	\$ 300	Research on Factors Influencing the Closing of Missouri's Black Schools 1865-1905	State Historical Society of Missouri

School of Engineering

Engel, George	Electrical Engineering	\$45,288	Blended Clocked and Clockless Integrated Circuit Systems	Blended Integrated Circuit Systems, LLC
Hubbard, Kevin	Mechanical & Industrial Engineering	\$ 700	Design of an Apparatus for Removal of Nitrocellulose Lacquer	Amy Russell
	Mechanical & Industrial Engineering	\$2,000	International Filter Manufacturing	International Filter Manufacturing Corp
	Mechanical & Industrial Engineering	\$7,544	Design of Spinal Injury Rehabilitation Devices	Dr. Jay Schaefer
	Mechanical & Industrial Engineering	\$17,500	Matching Funds for SIAM EDA Fiscal Year 2008 Grant	Lewis & Clark Community College
	Mechanical & Industrial Engineering	\$ 572	Ergonomics Analysis of a Powered Seed Boom	Hoffmann Midwest, In.
Lozowski, Andrzej	Electrical Engineering	\$7,298	Switch-Mode Converter Design	Bitrode
Luo, Albert Chao-Jun	Mechanical & Industrial Engineering	\$1,000	Cooper B-Line Private Agreements	Cooper B-Line
		\$10,000	Vibration Testing Investigation to Determine Fatigue Properties of Filters	International Filter Manufacturing Corp.
		\$5,200	Fatigue Testing for Mechanical and Thermal Behaviors of Train Adapter Pads with Concept-12 & 15	American Steel Foundries
Shetley, Paul	Environmental Resources Training Center	\$23,249	Program Improvement Grant FY 2008	Illinois Community College Board

National Corn to Ethanol Research Center

Caupert, V. John	National Corn to Ethanol Research Center	\$2,500	NCERC Workforce Training-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$2,450	NCERC Fermentation Lab Services-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$2,250	NCERC Fermentation Lab Services-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$52,280	NCERC Workforce Training	Michigan State University
	National Corn to Ethanol Research Center	\$3,000	NCERC Workforce Training	Illinois Department of Commerce & Economic Opportunity
	National Corn to Ethanol Research Center	\$8,008	NCERC Analytical Lab Services-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$ 911	NCERC Pilot Plant Services-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$35,000	NCERC Workforce Training-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$38,580	NCERC Workforce Training	Michigan State University
	National Corn to Ethanol Research Center	\$4,037	NCERC Fermentation Lab Services-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$7,451	NCERC Fermentation Lab Services-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$2,321	NCERC Fermentation Lab Services-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$26,970	NCERC Workforce Training-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$2,500	NCERC Workforce Training-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$ 911	NCERC Pilot Plant Services-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$69,960	NCERC Pilot Plant Services-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$ 3,900	NCERC Workforce Training-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$3,000	NCERC Workforce Training-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$1,400	NCERC Workforce Training-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$5,751	NCERC Fermentation Lab Services-Private Agreements	Private Client

National Corn to Ethanol Research Center-cont.

Caupert, V. John	National Corn to Ethanol Research Center	\$3,300	NCERC Analytical Lab Services-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$21,056	NCERC Fermentation Lab Services-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$3,900	NCERC Workforce Training-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$3,445	NCERC Pilot Plant Services-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$15,000	NCERC Workforce Training-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$4,093	NCERC Fermentation Lab Services-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$2,500	NCERC Workforce Training-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$10,947	NCERC Fermentation Lab Services-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$ 373.50	NCERC Pilot Plant Services-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$3,300	NCERC Analytical Lab Services-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$6,782	NCERC Workforce Training	Private Client
	National Corn to Ethanol Research Center	\$3,750	NCERC Workforce Training-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$10,000	NCERC Pilot Plant Services-Private Agreements	Private Client
	National Corn to Ethanol Research Center	\$12,393	NCERC Pilot Plant Services-Private Agreements	Private Client

University Services to East St. Louis

Jamison, Theodore	University Services to East St. Louis	\$15,666	Youth Arts Program FY07/08	Illinois Arts Council
Mallory, Hazel	University Services to East St. Louis	\$7,992	Reading is Fundamental, Inc. (RIF IL0716	Reading is Fundamental, Inc.
	University Services to East St. Louis	\$6,819,653	FY 2008-09 Head Start Basic Grant and Head Start Training & Technical Assistance (T/TA) Grant	Department of Health & Human Services-Administration for Children, Families & Youth
	University Services to East St. Louis	\$1,337,365	FY 2008-09 Early Head Start Basic Grant and Early Head Start Training & Technical Assistance (T/TA) Grant	Department of Health & Human Services-Administration for Children, Families & Youth

School of Nursing

Comrie, Rhonda	Primary Care Health System Nursing	\$19,000	Asthma Community Collaborative Implementation Initiative	Illinois Department of Public Health
Lyerla, Frank	Primary Care Health System Nursing	\$10,000	2008 Nurse Educator Fellowship Award	Illinois Board of Higher Education
Schmidt, Cynthia	Family Health	\$5,900	Parental Involvement with Adolescents' Type 1 Diabetes Care Management: Perceptions of Parents and Adolescents	American Nurses Foundation
Yancey, Valerie	Primary Care Health System Nursing	\$30,000	Alton Memorial Hospital, CSA	Alton Memorial Hospital

School of Pharmacy

Medon, Philip	Pharmacy	\$2,100,000	School of Pharmacy Grant	Illinois Department of Financial and Professional Regulation (IDFPR)
Worthington, Ronald Ferguson, Paul	Pharmacy	\$ 190,704	Assay Development for a Biosensor to Minimize Antibiotic Use in Corn-to-Ethanol Manufacturing	National Science Foundation

Academic Affairs

Berry, Sharon Lee	Student Financial Aid	\$173,677	Academic Competitiveness	U.S. Department of Education
	Student Financial Aid	\$229,554	National Smart Grant	U.S. Department of Education
	Student Financial Aid	\$601,068	Federal Work Study	U.S. Department of Education
	Student Financial Aid	\$427,426	Federal SEOG	U.S. Department of Education

Administration

Matecki, Edward	Facilities Management Administration	\$48,444	Lighting Upgrade Project	Illinois Clean Energy Community Foundation
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School of Pharmacy

Kutterer-Siburt, Suzanne	Kimmel Leadership Center	\$1,000	McCormick Raise Your Voice Regional Fellows	Illinois Campus Compact
	Kimmel Leadership Center	\$1,000	McCormick Raise Your Voice Campus Stipend	Illinois Campus Compact

Omitted 11/1-12/31/07 -Submitted Grants & Contracts

School of Nursing

Bernaix, Laura	Family Health & Community Health Nursing	\$1,519,158	Impact of a Paternal Educational Intervention on NICU Lactation Duration	National Institutes of Health
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School of Education

Liu, Yuliang Voepel, Tammy Thomeczek, Melissa	Educational Leadership Mathematics & Statistics Educational Leadership	\$752,987	Success for All	U.S. Department of Education
Liu, Yuliang Voepel, Tammy Thomeczek, Melissa	Educational Leadership Mathematics & Statistics Educational Leadership	\$752,987	Applying Multimedia Research to Optimize Learning in Elementary Math	U.S. Department of Education

Submitted Grants & Contracts: January 1, 2008—June 4, 2008

College of Arts & Sciences

Andree, Grant	Admin—CAS	\$18,000	Arts & Issues 2008-2009	Illinois Arts Council
Cheah, Wai Hsien	Speech Communication	\$7,875	A Descriptive Study of Mental Health and Substance Abuse Related Factors Among Bosnian Refugees in Saint Louis	University of Missouri Columbia / Missouri Foundation for Health
Cocuzza, Peter	Theater & Dance	\$5,000	Summer Showbiz '09	Illinois Arts Council
DeGarmo, Denise	Political Science	\$4,000	IDEA HS Grant: Terror & Terrorism	Innovative Delivery of Education Alliance-Homeland Security Illinois
	Political Science	\$8,000	National Security & Counter Terrorism Course	Innovative Delivery of Education Alliance
Duvernell, David	Biological Sciences	\$6,040	Collaborative Research: Phylogeography, Ecology and Reproductive Isolation in the Fundulus Notatus Complex. REU Supplementary Request to Existing Grant	National Science Foundation
Essner, Richard Minchin, Peter	Biological Sciences	\$2,000	A Multivariate Habitat for the State Threatened Cerulean Warbler and Other Neotropical Migrant Songbirds in Southwestern Illinois	Illinois Department of Natural Resources
Eubank, Chris	Music	\$1,000	Meet the Composer-Dr. Kimberly Archer	Meet the Composer
Fields, Gregory	Philosophy	\$3,000	Cowlitz Voices: Language Recovery for Revitalization of Traditional Culture and Ancestral Songs	American Philosophical Society
Foster, Thomas	Physics	\$199,554	Regional Collaboration to Improve Science Content Courses Intended for Pre-Service Elementary Teachers	National Science Foundation
Hume, Susan	Geography	\$3,555	Diversifying Undergraduate Geography Education: A Student Investigation	National Council for Geographic Education
Kohn, Luci	Biological Sciences	\$1,500	Cranial and Postcranial Morphology and Evolution in Cebidae and Callitrichidae	American Society of Primatologists
Lark, Carol Goebel-Parker, Elizabeth	Art & Design	\$8,232	Artists as Visionaries: The Social Dreaming Project	Regional Arts Commission
	Art & Design	\$10,407	Artists as Visionaries: The Social Dreaming Project	Regional Arts Commission
Leem, Koung-Hee Pelekanos, George	Mathematics & Statistics	\$2,000	An AMG Preconditioning Approach in TM Electromagnetics	Association of Women in Mathematics

College of Arts & Sciences—cont.

McCracken, Vance	Biological Sciences	\$40,285	Effects of Hyperimmunized Egg Product on Mouse Immune Function	Trouw Nutrition International
Navarre, Edward	Chemistry	\$30,000	Dreyfus Faculty Start-Up Award	Dreyfus Foundation
Pearson, Christopher	Philosophy	\$19,328	Should Cladistic Classifications be Interpreted as Tracking Actual Phylogenetic Relationships	National Science Foundation
Ramsby, Howard	English Language & Literature	\$5,200	Southern Illinois Along the Light-Rail	Illinois Humanities Council
Rigdon, Steven	Mathematics & Statistics	\$113,815	Collaborative Research: New Tools of Design of Experiments for Reliability Improvement	National Science Foundation
Sewell, Edward	Mathematics & Statistics	\$102,983	Collaborative Research: An Exploration of Vaccine Stockpile Policies and Strategies	National Science Foundation
Shaw, Michael Voss, Eric Wanda, Paul Edward	Chemistry Chemistry Biological Sciences	\$173,865	MRI: Acquisition of an EPR Spectrometer for Teaching and Research	National Science Foundation
Stone, Lucian Tamari, Stephen	Philosophy Historical Studies	\$2,900	Fulbright Visiting Specialists Program: Direct Access to the Muslim World	Fulbright-CIES
Wiediger, Susan	Chemistry	\$149,726	Glassware Breakage as a Leading Metric for Improving Safety Education in Academic Chemistry Laboratories	National Science Foundation

School of Education

Lecheminant, James	Kinesiology & Health Education	\$306,572	Resistance Training Dose for Weight Maintenance After Modest Weight Lose	American Heart Association
	Kinesiology & Health Education	\$360,999	Exercise Dose and Weight Loss Maintenance	National Institutes of Health
Pryor, Caroline	Curriculum & Instruction	\$151,137	Abraham Lincoln and the Forging of Modern America	National Endowment for the Humanities
Puchner, Laurel Klein, Nicole	Educational Leadership Kinesiology & Health Education	\$4,375	Beyond "Making Out": Sexuality and Middle School Language Arts	International Reading Association

School of Engineering

Bouvier, Dennis	Computer Science	\$84,757	Collaborative Research: A Network of Disciplinary Commons in Computing Education	National Science Foundation
	Computer Science	\$20,000	Robotics Education in Middle Schools	Institute for Personal Robotics in Education
Engel, George	Electrical Engineering	\$359,721	Collaborative Research Center for the Detection of Ionizing Radiation	National Science Foundation
Hubbard, Kevin	Mechanical & Industrial Engineering	\$13,120	Development of a Magneto-Rheologic Fluid Based Vibration Damping System for Use in Bar Feeding Mechanisms	Hydrodynamics Technologies
	Mechanical & Industrial Engineering	\$443,364	Continuing Funding for an Economic Development Administration University Center at Southern Illinois University Edwardsville	U.S. Department of Commerce Economic Development Administration
	Mechanical & Industrial Engineering	\$4,386	Development of an Alternative Counter Rotating Gang-Style Magnetic Media Shredding Device	Serenity Data Services, Inc.
	Mechanical & Industrial Engineering	\$ 572	Ergonomics Analysis of a Powered Seed Boom	Hoffman Seeds
Krauss, Ryan	Mechanical & Industrial Engineering	\$207,259	Developing Software and Designing Experiments for Impact Response Modeling	National Science Foundation
	Mechanical & Industrial Engineering	\$50,000	Removing Two Barriers to More Accurate Automotive Crash Simulations	Honda Research Institute, USA
Luo, Albert Chao-Jun	Mechanical & Industrial Engineering	\$348,757	An Electrodynamics Shaker System for Accelerated Stress Testing and Reliability of Machines and Structures	National Science Foundation
Slattery, Kerry Gordon, Chris	Construction	\$55,157	Create a Building Information Curriculum	Associated General Contractors of America
White, William Fujinoki, Hiroshi	Computer Science	\$434,527	ANET: Heterogeneous Networked Virtual Environment Testbed	National Science Foundation

Graduate Studies & Research

Klostermann, Brenda	Educational Research Council	\$17,903	Teacher Induction in the Midwest-Phase II	SRI International / Joyce Foundation
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Library & Information Services

Carlisle, Linda	Library & Information Services	\$2,815	Sustaining a Green Future (Environmental Policy and Politics)	University of Illinois / CARLI
	Library & Information Services	\$2,815	Sustaining a Green Future (Environmental Policy and Politics)	Consortium of Academic and Research Libraries In Illinois
Dickman, Therese	Library & Information Services	\$2,500	Greening the Arts and Humanities: Book Arts	Consortium of Academic and Research Libraries in Illinois
	Library & Information Services	\$9,080	Louis Sullivan Architectural Ornaments in Illinois	Consortium of Academic and Research Libraries in Illinois
Jackson, Lydia	Library & Information Services	\$36,285	Proactively Promoting Academic Integrity	Illinois State Library
Kerico, Juliet	Library & Information Services	\$2,500	Green Construction and Engineering Project	Consortium of Academic and Research Libraries in Illinois

National Corn to Ethanol Research Center

Caupert, V. John	National Corn to Ethanol Research Center	\$404,690	Energy Industry Job Training and Education	University of Illinois at Urbana-Champaign
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School of Nursing

Arras, Rita Boyd, Roger	Family Health & Community Health Nursing Social Work	\$97,599	Reaching Out to African American Men to Address Prostate Cancer Disparities	American Cancer Society Illinois Division
Flick, Louise	Family Health & Community Health Nursing	\$1,787,677	National Children's Study-Jefferson County Location	NICHD (Subcontract to St. Louis University)
	Family Health & Community Health Nursing	\$13,116	National Children's Study—JUWC Location	National Institute of Child Health & Human Development
Mabunda, Gladys	Family Health & Community Health Nursing	\$276,646	Project KAH (Keeping Africans Healthy)	Robert Wood Johnson Foundation

School of Pharmacy

Crider, Michael	Pharmacy	\$5,000	Synthesis of Nonpeptide Ureas and Thioureas as Selective Subtype 4 Receptor Somatostatin Agonists	American Foundation for Pharmaceutical Education
Devraj, Radhika	Pharmacy	\$9,258	Pharmacists' Understanding of Health Literacy	American Association of Colleges of Pharmacy
McPherson, Timothy	Pharmacy	\$5,000	AFPE Gateway Research Scholarship Application	American Foundation for Pharmaceutical Education
Nieto, Marcelo	Pharmacy	\$10,000	Design, Synthesis, Biological Evaluation and SAR/QSAR Studies of Potential Anti-infective Agents	American Association of Colleges of Pharmacy
Witt, Ken	Pharmacy	\$175,784	Somatostatin Agonist Treatment for Cognitive Aging & Dementia	Institute for the Study of Aging

Academic Affairs

Belobrajdic, Scott	Enrollment Management	\$15,132	FY 2008 Innovation Grant	SIU (HECA/IBHE)
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Student Affairs

King, Andrew Brown Losoff, Ann	Counseling Services	\$20,000	FY 2009 IAG Grant	Illinois Attorney General's Office
Kutterer-Siburt, Suzanne	Kimmel Leadership Center	\$1,000	Carter Academic Service Entrepreneur Grant for Students	Illinois Campus Compact
	Kimmel Leadership Center	\$20,000	M3C Regional Fellows	Wisconsin

University Services to East St. Louis

Fernandez, Johnnie	University Services to East St. Louis	\$39,974	The Sight, Sound and Soul of African American Music and Dance and Its Influence on American Culture	National Endowment for the Humanities
Jamison, Theodore	University Services to East St. Louis	\$7,500	CDBG Summer Arts 08	Community Development Block Grant
	University Services to East St. Louis	\$59,866	Youth Arts Program FY 2008-09	Illinois Arts Council
Mallory, Hazel	University Services to East St. Louis	\$134,840	Reprogram Un-Obligated Funds from FY2007-08 for Security Systems to FY2008-09 Head Start Basic Grant	Department of Health and Human Services
Neal, Anthony	University Services to East St. Louis	\$18,900	Carol M. White Physical Education Program Grant	East St. Louis School District #189

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