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UNIVERSITY  
CHICAGO**

**Office of Research  
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# Research Update

## A New Year Brings New Programming and New Faces

FY09 ended on a high note with the number and amount of awards both increasing from FY08. Total research funding came in at just over \$6m, far surpassing the previous year's total of \$4.3m. (Details can be found at [www.luc.edu/ors/pdfs/Research/FY09Report.pdf](http://www.luc.edu/ors/pdfs/Research/FY09Report.pdf).)

Looking to continue this upward trend, ORS is excited about the 2009-2010 academic year. We are already hard at work planning workshops and events for faculty, students, and administrators.

On October 2, ORS will present, in collaboration with The Graduate School, a session for grad students on finding and securing funding. The ORS staff is also

working with several other university offices to put together a grants management workshop, which will be held on Friday, March 19.

New events are not the only addition this year. There are some new members on the compliance staff. Erin Tracey joins fellow grad student Lisa Sandburg as a graduate assistant, and Andy Ellis recently started his new post as the assistant director for research compliance. Read more about Andy on page 3.

As always, Research Services is here to answer your research-related questions, so please feel free to contact us as you settle into the new year.

## Focus on Teaching Session Highlights Students and Research

This year's Focus on Teaching conference, which took place on August 19, centered on the concept of collaboration. The day began with a keynote address from Dr. Robert Rotenberg, DePaul University Professor of Anthropology. His talk on collaborative teaching was followed by a poster session and a wide variety of talks and workshops.

ORS was pleased to present a faculty panel on involving undergraduate students in faculty research. Many thanks to Dr. Toby Dye, Dept. of Psychology, Dr. Domenic Castignetti, Dept. of Biology, and Dr. Julia Pryce, School of Social Work for sharing their thoughts and experiences working with undergraduates on research projects.



Keynote speaker Dr. Robert Rotenberg addresses faculty at the Focus on Teaching conference

The ORS staff is happy to answer questions you may have about working with students, including training students to work with animals or human subjects and/or helping you to find funding for you or your students.

## News from the Centers of Excellence

The **Gannon Center for Women and Leadership and Women's Studies/Gender Studies** co-sponsored a Tribute to Eve Sedgwick on Thursday, Sept. 3.

On Sept. 14 at 3pm in Piper Hall, a talk will be given by Virginia Valian, the Distinguished Professor of Psychology and Linguistics and CUNY Graduate Center and Co-Director, Gender Equity Project, Hunter College.

The **Center for Urban Environmental Research and Policy (CUERP)** received an NSF award for the Urban Long-Term Ecological Research Areas competition, in collaboration with environmental scientists from UIC, the US Forest Service, the Field Museum, and DePaul University. This \$300,000 exploratory grant allows the team to collect preliminary data and develop a full proposal to make Chicago one of the few NSF Long-Term research areas focusing on coupled human and natural dynamics. CUERP researchers will play a major role in determining the response of ecosystems to biodiversity conservation efforts within the city's green areas.

CUERP's John Frendreis was awarded a \$12,000 grant from the Seabury Foundation to conduct education and outreach on the Clean Air, Clean Water Program, which looks at emerging contaminants in surface waterways in Chicago.

The **Center for the Human Rights of Children** has hired a new full-time director. Katherine Kaufka Walts, J.D. comes to the center from the International Organization for Adolescents, where she was the Executive Director. Ms. Kaufka Walts is an expert on child trafficking issues and has a wealth of experience in a range of youth advocacy issues. Already hard at work submitting grant proposals and planning center programs, Katherine is eager to meet Loyola faculty and students interested in children's rights. You can email her at [kkaufkawalts@luc.edu](mailto:kkaufkawalts@luc.edu).

The **Joan and Bill Hank Center for the Catholic Intellectual Heritage** will continue their annual funding of individual and collaborative research projects that center around Catholic intellectual heritage. Individuals are eligible to receive \$5,000, while group projects can receive up to \$10,000. Applications are available starting Sept. 1 and are due Oct. 31. Questions should be directed to center director, Dr. Michael J. Schuck at 773-508-3820.

The **Center for Science and Math Education** received a \$1 million grant from the NSF for their Chicago Transformation Teaching Institutes project. Working with the LUC Dept. of Physics, UIC, and CPS, CSME will work with 120 CPS high school physics teachers to improve the quality of physics education in CPS schools.

ORS is pleased to introduce our newest publication! *Endeavors* was created to inform faculty, alumni, and friends of Loyola about some of the important research and scholarship being conducted at the university. We look forward to featuring additional faculty and students in future issues.



## New Assistant Director for Research Compliance Joins ORS

The Office of Research Services is pleased to welcome Andy Ellis as the new Assistant Director for Research Compliance. Andy came to Loyola from Northwestern University, where he was a member of the IRB compliance staff, while he completed his Master of Science degree in Quality Assurance and Regulatory Science.



Since starting on August 3, Andy has been working on several projects, including the activation of the new IRB website ([http://www.luc.edu/irb\\_dev/irb\\_home.shtml](http://www.luc.edu/irb_dev/irb_home.shtml)). The new site has an improved layout, with updated content and easier access to important forms and information.

The IRB also has a new initial-submission form. This .pdf form is shorter than previous versions, can be accessed on the website, and should be filled out and submitted electronically. Improvements will

continue to be made to this and other forms, as the office continues the process to convert their documents to an electronic format.

Researchers are encouraged to visit the IRB site to learn more about procedural changes that coincide with this electronic conversion. The compliance staff is excited about these changes, as they will save both faculty and administrators time and paper.

## New Patent Policy Paves Way for Cross-Campus Collaboration

In order to better facilitate cross-campus research projects, Loyola has developed a unified policy for the patenting of inventions or ideas. Prior to the creation of these guidelines, the lakeside and Maywood campuses had different policies for the distribution of royalty income earned on marketable inventions, which could have presented a challenge if an invention had multiple inventors at different schools/colleges.

The old policy will still apply to previously disclosed inventions (including the HPV vaccine currently licensed to GlaxoSmith-Kline).

Even though all inventions will be subject to a uniform policy, the procedures will differ depending on the home department of the lead inventor. Inventors located on the lakeside campuses will send invention

disclosures to the Office of Research Services in Granada 400, LSC. Medical school and nursing inventors will submit invention disclosures to the Vice President for Health Sciences Research.

Both offices are geared up to provide timely review and appropriate action, in consultation with the University's outside intellectual property consultant, TreMonti, so lakeside faculty should contact Dr. Bill Sellers with any questions or to initiate the patent process.

The new policy, which was approved by the president on May 20, 2009, can be found at <http://www.luc.edu/ors/patentpolicy.shtml>.

Updates from  
the  
Compliance  
Office

## Recent Awards: Government Funding

*(Grants awarded 5/1/09-8/31/09)*

**Martin Berg** (Biology)

“Ecology and Food Web Structure of Ponds on the West Copper River Delta, Alaska”  
U.S. Forest Service \$64,600

**Louis Cain** (Economics)

“Early Indicators of Later Work Levels, Disease and Death”  
NIH, National Bureau of Economic Research \$24,000

**James Calcagno** (Sociology)

“Combating Human Trafficking in Poland: A case study of the La Strada Foundation”  
U.S. Department of State \$17,000

**Paul Chiarelli** (Chemistry)

“Introduction of Mass Spectrometry to the Chemistry Curriculum of the Chicago-area Community Colleges”  
National Science Foundation \$200,000

**Beverly Donovan** (Business Services)

“2009-2010 CPS: Community Partnership Program (Three to Five Model)”  
Illinois State Board of Education (Subcontract through Chicago Public Schools) \$120,000

“CPS: Community Partnership Program (Birth to Three Model)”  
Illinois State Board of Education (Subcontract through Chicago Public Schools) \$44,000

“Community Partnership Program”  
Illinois State Board of Education (Subcontract through Chicago Public Schools) \$120,000

“2009-2010 CPS: Community Partnership Program (Birth to Three Model)”  
Illinois State Board of Education (Subcontract through Chicago Public Schools) \$56,000

**Leanne Kallemeyn** (Education)

“External Evaluation of the American Dreams Project”  
U.S. Department of Education (Subcontract through Maine High School Township District) \$71,800

**John Kelly** (Biology) Co-investigator: **Emma Rosi-Marshall** (Biology)

“Ecotoxicology of Antimicrobial Pharmaceutical and Personal Care Products in Illinois Rivers and Streams”  
Illinois Department of Natural Resources \$107,600

**Michael Kelly** (Social Work)

“State Survey of School-Based Mental Health Professionals”  
Illinois Child Mental Health Partnership \$15,000

**William Kroll** (Biology)

“Research and Engineering Apprenticeship (REAP 2009)”  
US Army, Academy of Applied Sciences \$7,800

**Michael Maher** (Education) Co-investigator: **David Prasse** (Education)

“Yes We Can”  
U.S. Agency for International Development \$ 1,512,600

**Diane Morrison** (Education)

“IL State Technical Assistance Center”  
Illinois State Board of Education (Subcontract through School Association for  
Special Education in DuPage County) \$164,800

**David Olson** (Criminal Justice)

“Data Analysis and Research Services for the Cook County Sheriff's Office”  
Cook County \$31,400

**Victor Ottati** (Psychology)

“Testing a systems level intervention: CIT in Chicago”  
NIH, National Institute of Mental Health (Subcontract through University of Illi  
nois, Chicago)  
\$15,400

**Eric Schroeter** (Biology) Co-investigators: **William Rochlin**, **Kim Williamson**, & **Fred Pickett** (Biology)

“MRI: Acquisition of a Laser Scanning Confocal Microscope with Spectral  
Detection”  
National Science Foundation \$141,500

**David Slavsky** (CSME) Co-investigator: **Stacy Wenzel** (CSME)

“Chicago Transformation Teaching Institutes”  
National Science Foundation \$ 1,086,000

**Barbara Velsor-Friedrich** (Nursing) Co-investigators: **Maryse Richards** (Psychology),  
**Fred Bryant** (Psychology), & **Gloria Jacobson** (Nursing)

“Promoting Asthma Self-Care in Urban African-American Teens”  
National Institute of Nursing Research \$327,300

**Stacy Wenzel** (CSME)

“Evaluation of DePaul Math Education Master's Degree Program”  
Illinois State Board of Education (Subcontract through DePaul University)  
\$8,800

Co-investigator: **David Slavsky** (CSME)

“Scale up of math and science K-12 education reform in a large urban district”  
National Science Foundation \$ 197,100

**Kim Williamson** (Biology)

“Plasmodium falciparum gametocytogenesis”  
NIH, National Institute of Allergy and Infectious Diseases \$275,600

**Recent Awards: Private Funding**

*(Grants awarded 5/1/09-8/31/09— All proposals to private corporations and foundations are coordinated with Corporate and Foundation Relations.)*

**Pam Ambrose** (LUMA) Co-investigator: **Erika Cornelisen** (LUMA)

“Menu Proposal”

Richard H. Driehaus Foundation \$12,500

Staff Professional Development

Richard H. Driehaus Foundation \$1,000

“Back to the Future”

Terra Foundation for American Art \$25,000

2009 Conservation Assessment Program

Heritage Preservation \$3,500

**Samuel Attoh** (Graduate School) Co-investigator: **Patricia Mooney-Melvin**  
(Graduate School)

Arthur J. Schmitt Dissertation Fellowship Program 2009-2010

Arthur J. Schmitt Foundation \$75,000

United Way of Metropolitan Chicago Community Research Fellowship 2009-2010

United Way of Metropolitan Chicago \$15,000

**Daniel Becker** (Chemistry)

“Palladium(II)-Catalyzed Asymmetric Synthesis of  $\alpha$ -Substituted Ketones”

Petroleum Research Fund \$100,000

**Jonathan Canning** (LUMA) Co-investigator: **Erika Cornelisen** (LUMA)

“A Masterpiece Under the Microscope: Bernardo Lorente German's Portrait of a Jesuit Saint: San Francisco de Borja Examined”

Science Chicago \$10,000

**Javier Cervantes** (Student Services)

S.T.A.R.S. (Students Together Are Reaching Success) Mentoring Program

Siragusa Foundation \$15,000

**Michael Kaufman** (Law) Co-investigator: **James Faught** (Law)

General Law School Operating Support

Polk Bros. Foundation \$20,000

**Ivan Medina** (Social Work)

Chicago Community Trust 2009

Chicago Community Trust \$1,500

**Philip Nyden** (CURL) Co-investigator: **David Van Zytveld** (CURL)

“Evaluation of Rebuilding Together - Metro Chicago”

Rebuilding Together - Metro Chicago \$14,200

**Robert O'Gorman** (Institute of Pastoral Studies) Co-investigator: **Mary Elsbernd**  
(Institute of Pastoral Studies)  
INSPIRE (Archdiocese) (Identify, Nurture and Sustain Pastoral Imagination  
through Resources for Excellence) Sustaining Grant  
Archdiocese of Chicago \$500,000

**Lorraine Ozar** (Education)  
Professional Development Segments for K-8 Catholic School Educators  
Helen Brach Foundation \$37,775

**Jeffrey Rosen** (Professional Studies)  
Osher Reentry Scholarships  
Bernard Osher Foundation \$50,000

**Donald Schwartz** (Finance)  
The Center for Risk Management and Corporate Governance  
Chicago Mercantile Exchange Trust \$250,000

**Rachel Shefner** (CSME) Co-investigator: **David Slavsky** (CSME)  
Cluster 4 Middle Grades Project 2010  
Chicago Community Trust (Subcontract through Chicago Public Schools)  
\$326,800

**Linda Tuncay** (Marketing)  
Information Shoppers  
Chicago Interactive Marketing Association \$10,000

**Katherine Tyson** (Social Work)  
Stand Up! Help Out! Summer 2009, Donoghue  
After School Matters \$11,300

Stand Up! Help Out! Summer 2009, Woodlawn  
After School Matters \$4,700

**David Van Zytveld** (CURL) Co-investigator: **Philip Nyden** (CURL)  
Evaluation of Mikva's Youth Policymakers Initiative  
W. K. Kellogg Foundation \$13,000

"Status of Girls and Young Women in Illinois"  
Women and Girls Collective Action Network \$1,500

**Jack Wall** (Social Work) Co-investigators: **Ruth Fuerst & Michael Kelly** (Social  
Work)  
Family and School Partnership Program  
Polk Bros. Foundation \$60,000

**Kim Williamson** (Biology)  
Mycology and Parasitology Conference  
Burroughs Wellcome Fund \$3,700

## Contact Us!

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**2009-2010 Multidisciplinary Award Competition  
Announced**

Loyola faculty are encouraged to submit an application for this year's internal **Multidisciplinary Research Awards**. These collaborative proposals should be used to give faculty teams the resources needed to become more competitive for external federal funds. 3-4 proposals will be awarded at a value of up to **\$20,000** each.

Proposals are due on **Monday, November 2, 2009** and should be emailed to Dean Attoh ([sattoh@luc.edu](mailto:sattoh@luc.edu)). Please note that release time is no longer allowable as part of a proposed project. Please go to <http://www.luc.edu/ors/stimulatingMDR.shtml> for full details and a link to the new application cover page.

Last year's inaugural competition was a big success, and we look forward to reading the new proposals. Please contact the Research Services staff with any questions.

