

**LOYOLA
UNIVERSITY
CHICAGO**

**Office of Research
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Research Update

Register Now for Upcoming Grant Workshops!

Mark your Calendars Now for the Managing Grants Workshop! March 19, 2010 at 1pm in Information Commons

Involved in grant administration? Save yourself time and stress by learning all of the internal procedures and requirements for the administration of grants, whether you are a PI, a business manager, or just curious about how it all works.

Representatives from the Office of Research Services, Sponsored Program Accounting, Academic Affairs, Human Resources, and the Graduate School will be present to answer all of your questions.

Please register at ORS@luc.edu by Monday, March 15.

Be More Competitive for Funding Dollars!

Breaking Through the Barriers A Workshop for Successful Grant Writing

Dr. Robert A. Lucas, Director of Institute for Scholarly Productivity
April 13, 2010 9am-4pm
Life Sciences Building 312

Don't miss this opportunity to acquire concrete tools for locating ideal funders, tailoring your proposals to fit the RFP, overcoming writing hurdles and time constraints, and avoiding common writing errors.

This workshop is free for faculty but is limited to 25 participants. Please email kfust@luc.edu to register by April 2.

Save the Date!

ORS presents an *Intellectual Property and Technology Commercialization Symposium* on Friday, April 30, 2010.

Featured luncheon keynote topic:
Social Innovation and Entrepreneurship. Additional details soon!

Multi-disciplinary Award Winners

Winners of 2010 Multidisciplinary Awards

The Office of Research Services is pleased to announce the winning collaborations for this year's internal multidisciplinary awards. The FY2010 competition was divided into three priority areas: life sciences, children and families, and ethics.

There were two winners in the life sciences category. The first project, "Computational and Experimental Analysis of the Malaria Parasite's Gene Expression," is a collaboration between Dr. Stefan Kanzok in Biology and Dr. Catherine Putonti, who has a joint appointment in Biology and Computer Science.

The second project strives to improve the quality of life for caregivers of stroke victims by researching the stress hormone cortisol. The team includes Dr. Karen Saban and Dr. Linda Witek-Janusek from Nursing, Dr. Herbert Mathews from the Dept. of Microbiology and Immunology at Stritch, and Dr. Fred Bryant in Psychology.

The children and families funding will be used to "develop an advanced planning tool that will improve services provided to grandparents raising grandchildren."

Drs. Teresa Kilbane and Marcia Spira from the School of Social Work will work with Sacha Coupet, J.D., from the School of Law, on the project.

The ethics competition also resulted in two winning projects. The first involves researchers from all three campuses: Dr. Holly Kramer, Preventative Medicine, Dr. Anne Figert, Sociology, Dr. Phil Nyden, Sociology and CURL, Dr. David Shoham, Preventative Medicine, Dr. Dawn Harris, Graduate School of Business, and Dr. Mark Kuczewski, Neiswanger Bioethics Institute. The group will be collaborating on "Students' Perspectives towards Vulnerable Populations: A Social Network Analysis."

A Center for Digital Ethics will be developed with the final award. Housed in the School of Communication and directed by Dr. Don Heider, the center will be a valuable and topical resource for the emerging field of digital and new media ethics. Scholars from a wide range of disciplines will be eligible for their research stipends, and an annual symposium will generate productive discussion on this cutting-edge field of study.

Funding Agency News

The new version of the **National Institutes of Health** applications, with shorter research plans, goes into effect on January 25. For information on the changes, please feel free to contact the ORS office or visit <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-10-016.html>.

Information on the NIH's FY2010 fiscal policy and salary limitations can be found here: <http://grants.nih.gov/grants/policy/policy.htm#recent>.

** ** *

The **Department of Education** should be releasing their Investing in Innovation

Fund (i3) funding opportunities this month. These grants will allow non-profits to collaborate with local school districts to close the achievement gap and improve student outcomes. ORS will distribute information as it becomes available.

** ** *

Are you interested in news or funding opportunities from a particular granting agency? Contact Kelly Christopher at kfust@luc.edu for assistance.

Notes from the Director

You may have noticed that the proposal tracking system that we use (PTAP) has been enhanced, thanks to the wonderful work of our graduate student programmer, Pawel Grudysz, to provide for online routing. Thus, we have eliminated the need for principal investigators to print out and obtain signatures on PTAP forms. It won't be long before we also have the ability to electronically route various changes to awards (no-cost extensions, supplements, and continuations involving additions of both money and time).

In addition, Pawel is also working on implementing online systems in the compliance area, starting with our human subjects protection system. In the near future, IRB protocols will be routed electronically to board members, and we'll

have an enhanced database to keep track of IRB approvals, deadlines, etc.

This opens up the possibility of being able to provide online information to faculty on their grants and their compliance activities in an integrated fashion. It is not as easy as one might think, because there is not a one-to-one correspondence between a given research project (whether externally or internally funded) and a particular human subjects or lab animal protocol. There is also the problem of how, and at what level, to allow access to information by co-investigators on projects. But I think we are up to the challenge. And if you have any suggestions for the best way to meet it, by all means let me know.

—Bill Sellers

Director's Notes

News from Loyola's Centers of Excellence

The Joan and Bill Hank Center for the Catholic Intellectual Heritage welcomes you to their spring events, including Dr. Colleen McDannell's lecture, "Still Learning from The Exorcist: Catholicism and American Film" on Feb. 2, a discussion on "Are Human Beings Basically Selfish?" mediated by Dr. Martin Schreiber on Feb. 9 and the Irish Festival on March 16. *For a full listing of their spring events, please visit: luc.edu/ccih.*

The **Gannon Center** will host a talk by Sheryl WuDunn, Pulitzer Prize Winner and co-author of *Half the Sky*, on March 23 at 7pm in Mundelein Auditorium. Registration is required to attend this event and will be available soon on the center's website. http://www.luc.edu/gannon/Spring_2010_Events.shtml

The **Center for the Human Rights of Children** invites you to their spring events. Dr. Noah Sobe, a 2009 Faculty Fellow, will be giving his lecture, "Post-Communist Transition and Children's Educational Rights in Central/East Europe" on Monday, February 15, 2010, 7:00 -8:00 pm in the Lewis Towers

Ballroom (Beane Hall) *Please RSVP to Aggeliki Gikas at agikkas@luc.edu.*

On Saturday, May 1, the center will host a mini-symposium on "India's Children: Preserving Their Rights, Protecting Their Future." Jointly sponsored with the India Development Service and LUC's Department of International Studies, the event will feature Nicole Menezes of CHILDLINE, India's first toll-free helpline for street children in distress, and Rita Panicker of Butterflies, an organization that works with street and working children on issues of children's rights. Faculty from Civitas ChildLaw Center and the School of Social Work will also discuss their research and work on child rights issues in India.

This event will take place 8:30 am – 3:00 pm at the Loyola University Medical Center, Stritch School of Medicine in Maywood, IL but will also be scheduled for Friday, April 30, 2010 at one of the lake-side campuses. Details are forthcoming.

For more information or to RSVP, please contact nilavora@pol.net.

Centers of Excellence

Recent Awards: Government Funding (*Grants awarded 9/1/09-1/15/10*)**Pam Ambrose** (LUMA), Co-PI: **Erika Cornelisen** (LUMA)*General Operating Support 2009-2010*
Illinois Arts Council \$8,720**Diane Asaro** (Wellness Center), Co-PI: **Alissa Eischens** (Wellness Center)*Grant to Reduce Domestic Violence, Dating Violence, Sexual Assault & Stalking on Campus*
U.S. Department of Justice, OVW \$300,000**Samuel Attoh** (Graduate School), Co-PI: **Patricia Mooney-Melvin** (Graduate School)*Diversifying Higher Education Faculty in Illinois (DFI) 2009-2010*
Illinois Board of Higher Education through Southern Illinois University \$104,000**Martin Berg** (Biology)*Ecological Forecasting: Framework to evaluate the effects of multiple stresses in Lake Michigan food webs and guide remediation*
National Oceanic and Atmospheric Administration, through Northwestern University \$78,397**Hank Bohanon** (Education)*Social and Emotional Learning and Mental Health Evaluation*
U.S. Department of Education, Illinois State Board of Education \$89,166**Steven Brown** (Education)*Graduate Student Internship Agreement*
John H. Stroger, Jr. Hospital of Cook County \$12,500**James Calcagno** (Sociology)*Combating Human Trafficking in Poland: A case study of the La Strada Foundation*
U.S. Department of State \$17,120**Jonathan Canning** (LUMA), Co-PI: **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**Nicole Ferentz** (Fine & Performing Arts), Co-PIs: **Sarah Gabel** & **April Browning** (Fine & Performing Arts)*Homeland: Department of Fine and Performing Arts Public Programming Proposal 2009-2010*
Illinois Arts Council \$7,380**Jan Florian** (Chemistry)*DNA Polymerase Replication Fidelity: Theory and Experiment*
National Cancer Institute, via University of Southern California \$80,085**Christine George** (CURL), Co-PI: **Susan Grossman** (Social Work)*Chicago Plan to End Homelessness Evaluation*
City of Chicago \$50,000**Michael Kaufman** (Law)*2010-2012 Low Income Tax Clinic*
Internal Revenue Service \$73,272

William Kroll (Biology)

2009-2010 Junior Science and Humanities Symposium
Academy of Applied Sciences \$10,000

Christine Li-Grining (Psychology)

Testing CSRP's Impact on Low-Income Children's Outcomes in 3rd-5th Grade: A 5-year follow-up
National Institutes of Health, via New York University \$61,300

Arthur Lurigio (Criminal Justice)

Smart Choices Program Substance Abuse and Mental Health Services Administration
Treatment Alternatives for Safe Communities (TASC), Inc. \$28,000

A Study of Mental Health Courts in Illinois
Illinois Criminal Justice Information Authority State \$75,000

Richard Matland (Political Science), Co-PI: **Olga Avdeyeva** (Political Science)

IPY: Women Candidates in Regional Russia: Religion & Culture as Barriers to Women's Participation
National Science Foundation \$161,314, Participant Costs \$12,000

Diane Morrison (Education)

IL State Technical Assistance Center
Illinois State Board of Education, through School Association for Special
Education in DuPage County \$10,000

David Olson (Criminal Justice), Co-PIs: **Robert Lombardo** & **Don Stemen** (Criminal Justice)

Capital Punishment Reform Study Committee Survey 2009/2010
Illinois Criminal Justice Information Authority \$45,000

Co-PIs: **Loretta Stalans** (Criminal Justice) & **Timothy O'Brien** (Math)
*Detailed Examination of the Growth of Illinois' Prison Population and an Assessment of Risk and
Recidivism among Prison Releases*
Illinois Criminal Justice Information Authority \$70,825

John Planeck (Athletics)

Student Athlete Opportunity Fund
National Collegiate Athletic Association, Horizon League \$46,200

David Prasse (Education)

Teaching with Primary Sources
Library of Congress \$221,000

Co-PI: **Mary Charles** (Education)
Target New Transitions Helps Students KnowHow2Go
Illinois Student Assistance Commission \$15,000

A Master's Degree in Middle School Mathematics and Science 2009-2010
Illinois State Board of Education (ISBE) \$239,400

Julia Pryce (Social Work)

Development and Evaluation of an Economic Mentoring Program
City of Chicago, through University of Illinois, Chicago \$2,000 & \$5,390

Sushma Reddy (Biology)

Collaborative Research: Avian Diversification Across Tropical Asia: A Systematic and Biogeographic Analysis of Babblers

National Science Foundation \$219,229

Diane Schiller (Education)

GEAR UP 2009-2010

U.S. Department of Education, through Northeastern Illinois University \$329,700

Martina Schmeling (Chemistry)

Total Reflection X-ray Fluorescence Measurements of Genesis Solar Wind Samples

National Aeronautics & Space Administration \$14,883

Rachel Shefner (CSME), Co-PI: **David Slavsky** (CSME)

SEC Pilot Project

Chicago Public Schools \$23,280

Peter Shillingsburg (English), Co-PIs: **Steven Jones** (English) & **George Thiruvathukal** (Computer Science)

Humanities Research Infrastructure and Tools: An environment for collaborative textual scholarship

National Endowment for the Humanities \$50,000

David Slavsky (CSME), Co-PI: **Patrick Daubenmire** (CSME)

Master's In Education in Chemistry Teaching

Illinois State Board of Education \$235,284

Marcia Spira (Social Work)

Gero Ed Specialization in Social Work

Council on Social Work Education, Hartford Foundation \$10,000

Nancy Tuchman (CUERP & Biology), Co-PI: **Daniel Larkin** (Biology)

How do plant species invasions affect water quality services performed by Great Lakes coastal wetlands?

U.S. Department of Commerce, Illinois-Indiana Sea Grant \$12,123

Katherine Tyson (Social Work)

"Stand Up! Help Out! Fall 09, Donoghue Location"

After School Matters \$6,133

Illinois Child Welfare Journal

Illinois Department of Children & Family Services, through University of Illinois \$42,606

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

Community Assessment Project

DHHS, Ounce of Prevention Fund \$31,854

Dennis Watson (CURL), Co-PI: **Christine George** (CURL)

Housing First Model Fidelity and Implications for Substance Abuse Treatment

National Institute on Drug Abuse \$54,000

Anita Weinberg (Law)

Lead Poisoning Prevention 2009-2010

DHHS, City of Chicago \$49,000

Stacy Wenzel (CSME)

Evaluation of Mathematics and Science Teachers Education in Chicago Public Schools, DePaul University

U.S. Department of Education, through DePaul University \$50,000

Evaluation of a Graduate Program in Mathematics Teaching & Learning for Middle School Teachers

Illinois State Board of Education, through DePaul University \$22,788

Kim Williamson (Biology)

Intergovernmental Personnel Agreement (IPA): DHHS/NIH/NIAID

National Institute of Allergy and Infectious Diseases \$251,427

Recent Awards: Private Funding (*Grants awarded 9/1/09-1/15/10*)

Proposals to private organizations are coordinated with Corporate and Foundation Relations

Pam Ambrose (LUMA), Co-PI: Erika Cornelisen (LUMA)

Staff Professional Development

Richard H. Driehaus Foundation \$1,000

Ralph Braseth (Communication)

Adentro de Pilsen

Chicago Community Trust \$45,000

John Frendreis (CUERP), Co-PI: Nancy Tuchman (CUERP, Biology)

School Based Citizen Science Project

Seabury Foundation \$12,500

Christine George (CURL), Co-PI: Susan Grossman (Social Work)

Chicago Plan to End Homelessness Evaluation

Polk Bros. Foundation \$50,000

Grayson Holmbeck (Psychology) Co-investigator: Kathy Zebracki (Psychology)

A Camp-Based Intervention Targeting Independence Among Children, Adolescents, and Young Adults with Spina Bifida"

Illinois-Eastern Iowa District of Kiwanis International \$20,000

Richard Holz (Chemistry)

Conversion of Nitriles to Amides: Novel Biomaterials for Petroleum Feedstock Refining

Petroleum Research Fund \$100,000

Michael Kaufman (Law), Co-PI: James Faught (Law)

General Law School Operating Support

Polk Bros. Foundation \$20,000

Caleb Kim (Social Work), Co-PI: Janice Rasheed (Social Work),

Evaluation of LOSS (Loving Outreach to Survivors of Suicide) program of Catholic Charities"

Catholic Charities \$3,000

Robert Ludwig (Institute of Pastoral Studies)

Ministry Futures Conferences

Porticus North America Foundation \$25,000

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Recent Awards, cont'd.

Alexei Marcoux (Business)

Entrepreneurship-Focused Speaker Series at LUC's SBA (AY 2009-2010)
Charles G. Koch Foundation \$8,500

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

Liaison between CURL and IAF
Industrial Areas Foundation \$22,336

Lorraine Ozar (Education)

Arthur Funds in Support of CCSE
Arthur Foundation \$1,000,000

David Prasse (Education), Co-PI: **Lee Hubbell** (Education)

LU CHOICE Program 2009
Helen Brach Foundation \$37,255

Arthur Foundation in Support LU Choice
Arthur Foundation \$400,000

Rachel Shefner (CSME), Co-PI: **David Slavsky** (CSME)

Center for Science and Math Education-SEPUP and IES training
Polk Bros. Foundation \$80,000

Marcia Spira (Social Work)

Institute for Intergenerational Study and Practice Grant, Social Work and Elder Law Collaboration
Dr. Scholl Foundation \$20,000 & \$25,000

Anita Weinberg (Law)

Lead Safe Housing Initiatives 2009-2010
Chicago Community Trust \$125,000

Stacy Wenzel (CSME)

Evaluation of the CCT/DePaul Math and Science Project
Chicago Community Trust, through DePaul University \$10,600

Your Hard Work is Paying Off!

For the 3rd consecutive year, the lakeside campuses have seen an increase in research awards. Research Services would like to congratulate faculty for their success and looks forward to maintaining this growth in activity.

Please feel free to contact Research Services for details on recent award data.