LOYOLA UNIVERSITY CHICAGO

RESEARCH UPDATE

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Office of Research Services News

NEW! Faculty Research/Scholarly Interests Database and Grants Notification System

The Office of Research Services (ORS) is pleased to announce the launch of the ORS Faculty Research/Scholarly Interests Database, a new service designed to connect you with funding opportunities tailored to your individual research or scholarly interests.

The purpose of the ORS Faculty Research/ Scholarly Interests Database is to match faculty to potential funding opportunities based on keywords you have chosen for topics under your research interest(s).

Once you have established a profile, *funding notices that contain any of your keywords will be sent to you automatically*. Keywords are the same as those used by the COS database (formerly *Community of Science*: http://fundingopps.cos.com/keyword.shtml), however, the ORS system does not have a search function, and is much simpler than COS. Keywords are chosen by clicking boxes from pull-down menus. Since it is no longer practical for ORS to send funding opportunities to individual faculty via manual e-mails, we strongly encourage faculty to create a profile by following the simple instructions at http://www.luc.edu/ors/ProfileCreationInstr.shtml.
It's quick and easy!

If you have not created a profile, in some cases one may have been created for you by ORS. If so, we encourage you to edit your profile for accuracy. To access and edit your profile once created, use the link above, or, log in to the PTAP system, select the "P.I. Module" tab, make your changes, and click "Update".

The Faculty Interests Database is applicable to ALL faculty interested in extramural funding, including those from the Arts and Humanities, and those seeking support for service or service learning projects.

Other Features: The Faculty Interests profile page also has optional fields for faculty to provide a brief research interests narrative, enter publication lists, upload your C.V., add links to personal or lab web pages, and more. This information will assist in connecting collaborators.

Thank you for your help in this process. If you do not wish to receive funding opportunity notices from this system, please contact Susan Clarke to be removed from these mailings, at aclarke@luc.edu, or ext. 8-8952. We wish you success in your scholarly endeavors and thank you for your contributions to scholarship at Loyola.

Please note that the ORS ***Research Update*** is available on-line on the ORS website, where you can access the links contained herein directly: http://www.luc.edu/ors/

Responsible Conduct in Research and Scholarship (RCRS) Program

In accordance with federal regulations effective in 2010, Loyola University Chicago (LUC) has implemented a new Responsible Conduct in Research and Scholarship (RCRS) program that incorporates education on research integrity and ethics into a formal curriculum for faculty and students. The RCRS program has three components: a no-credit course that is mandatory for all faculty, staff, undergraduate and graduate students engaged in research at LUC; an "Ethics Series" throughout the academic year, in order to cover ethical issues and standards related directly to specific disciplines; and an online website which will serve as a resource for faculty, staff, and students for information on research integrity and ethics as well as links to relevant agencies involved with RCRS.

LUC is committed to ensuring that all its faculty and students are properly trained to conduct research responsibly in accordance with the highest ethical standards. To ensure each faculty and student at Loyola has the basic foundation needed to learn and apply the ethical standards of their discipline/ profession, he or she is expected to complete the no-credit Responsible Conduct in Research and Scholarship course (UNIV 370) prior to involvement in formal research. The UNIV 370 course provides enrollees with a strong foundation of basic ethical principles and professional standards of research integrity identified by the federal Office of Research Integrity. *This course satisfies the LUC policy requirements for students that are enrolled in graduate programs, undergraduate students that are involved in research activities, and faculty and staff that receive funds from external agencies that require evidence of ethics training.*

The UNIV 370 course was first offered in January, was attended by 54 people, and contained very lively presentations and discussions. If you did not complete the first course, please enroll in one of three upcoming sessions: May 19-20, June 11 and 18 (two Saturdays), or August 25-26. To register, please use the LOCUS online program (https://locus.luc.edu). If you have any questions, please contact Andrew Ellis at aellis5@luc.edu. For further details about the RCRS program and to view the course syllabus, please go to: http://www.luc.edu/ors/RCRHome.shtml.

Bon Voyage to Caroline Kappers

ORS announces with regret the departure of Caroline Kappers, ORS Research Administrator. Caroline has worked in ORS since August 2006, assisting faculty from 21 departments with preparing grant budgets, routing their extramural applications through the university to ultimate submission, and post-award administration. Caroline joins her husband in The Netherlands, where he has accepted employment.
We wish Caroline the best in her European adventure.

ORS Expands Educational Opportunities

Lunch (free) and Learn

ORS is now offering two informational presentations per semester on topics of interest to faculty and research staff. For the Spring semester, *the following presentation is coming soon*:

"Lunch and Learn: The NSF Grant Review Process"
Dr. Richard Holz, Chair, Department of Chemistry
Wednesday, April 13, 12:00 – 1:30 PM

The prior Spring presentation was on "How to Develop a Grant Budget", presented by Angelica Vaca, ORS Assistant Director for Research Administration on February 23.

Please join ORS staff for Dr. Holz's presentation in room 420 of the Granada Center, Lakeshore Campus. Graduate students are also welcome. Lunch will be provided. We welcome your suggestions for future topics. *Please email Stephanie Augustine at saugustine@luc.edu at least one week in advance of the presentation to register.*

We hope to see you there!

Incentive for Invention Disclosures

Do your research results have practical application? Do you have ideas about how to use technology or employ know-how to solve important problems or meet human needs? If so, ORS would like to hear from you. In fact, we are encouraging faculty to be inventive by offering a $500 award for each "invention disclosure" submitted in accordance with guidelines published at http://www.luc.edu/ors/pdfs/Research/IDA_Pilot.doc. This award is paid regardless of whether the invention is eventually marketed or licensed. And don't forget: if there is net royalty income generated down the road from an invention, LUC inventors are entitled to a substantial portion of that income — 50% in most cases.

Funding News

NIH Eliminates Post-deadline Correction Window

Beginning with due dates on or after January 25, 2011, NIH, AHRQ and NIOSH has eliminated the error correction window from the application submission process. The error correction window originally was implemented in December 2005 as a temporary measure to facilitate the transition from paper to electronic submission of grant applications. Eliminating the error correction window will ensure consistent and fair deadlines for all applicants and better align these agencies' application submission processes with those of other federal agencies.

Beginning on January 25, 2011, all applications submitted after the due date will be subject to the NIH late policy and may not be accepted for review. In addition, any post-submission application materials will be subject to the new policy detailed in the NIH Guide Notice at http://grants.nih.gov/grants/guide/notice-files/NOT-OD-10-115.html. Please note that NIH will continue to make accommodations for Federal system issues that threaten or prevent on-time submission of an individual application, if appropriately documented and verified by NIH support staff.

The elimination of the error correction window does not affect the two-business-day application viewing window (i.e. the time an applicant has to view the electronic application image in eRA Commons after submission). Applicants still will be able to view their application and if necessary, withdraw and submit a corrected application *prior to the submission deadline*. Applicants are encouraged to submit in advance of the due date to take advantage of the opportunity to correct errors and warnings. NIH's instructions for applying electronically includes information on avoiding common errors, annotated application "cheat sheets", and a detailed list of the error and warning messages at: http://grants.nih.gov/grants/ElectronicReceipt/index.htm

NIH Modifies Biographical Sketch Portion of Grant Application to Allow Description of Factors Affecting Productivity

The Biographical Sketch that appears in NIH research grant application forms (see http://grants.nih.gov/grants/forms.htm) is used to convey information about the qualifications, productivity, and role of personnel involved in the proposed project. Information in the Biosketch is factored into the overall merit and technical rating for each application.

The NIH is aware that personal issues can affect career advancement and productivity. Such considerations have shaped the implementation of the Early Stage Investigator Policy (see http://grants.nih.gov/grants/new_investigators/index.htm).That policy permits Principal Investigators to describe personal factors that may have delayed their transition to research independence. Such factors can occur at any point in a scientist's career and may include family care responsibilities, illness, disability, military service and other personal issues. This modification will permit Program Directors/Principal Investigators and other key staff to describe personal circumstances that may have reduced productivity. Peer reviewers and others will then have more complete information on which to base their assessment and productivity relevant to the proposed role on the project.

OTHER NEWS

Upcoming Event: NSF Regional Grants Conference - Nashville, TN

The second National Science Foundation Regional Grants Conference of fiscal year 2011 will be hosted by Vanderbilt University on **March 21-22, 2011**, in Nashville, TN. Key officials representing each NSF program directorate, administrative office, the NSF Office of International Science & Engineering, Office of General Counsel, and Office of the Inspector General will participate in this two-day conference. The conference is considered a must for new faculty, researchers, educators and administrators who want to gain insight into a wide range of important and timely issues at NSF including: The state of current funding; the proposal and award process, and current and recently updated policies and procedures.

Topics covered include:

- Introduction to NSF
- NSF's proposal preparation and merit review process
- Award management
- Conflict of interest policies
- New programs and initiatives
- Cross-disciplinary and special interest programs and
- Breakout sessions by discipline

Details and Registration information are on the conference website: https://www.signup4.net/public/ap.aspx?EID=NATI358E&OID=50. Direct registration questions to (703) 465-5736 and program questions to (703) 292-8243.

Illinois Department of Human Services (DHS) offers Grantsmanship Workshops

The Illinois DHS is offering three Grantsmanship workshops this Spring. The first, to be held on March 22, 2011, covers service or educational Program Planning. In this half-day workshop, participants will review the nine-step process for program planning and development, and will engage in discussion and skill development exercises to help them assess their capacity to develop a fundable program. Details are available at: http://www.dhs.state.il.us/page.aspx?item=54116.

The second half-day workshop on March 24, 2011, covers basic grant-writing, and is designed for persons with little experience in writing proposals. Participants will develop a logical systematic way to approach proposal development, and learn how to avoid the common pitfalls and mistakes that contribute to the denial of a proposal by a funding source. This format is somewhat directed toward proposals aimed at private sources (e.g. foundations). More information is available at: http://www.dhs.state.il.us/page.aspx?item=54114.

The final workshop is on April 29, 2011, and is an intensive, day-long session which combines lessons from the two previous workshops. Further details are available at: http://www.dhs.state.il.us/page.aspx?item=54356

NIH Hosts Brief Conference on Interdisciplinary Collaboration

On April 27, 2011, the NIH National Center for Research Resources and the National Institute of Nursing Research will co-sponsor a half-day meeting designed to improve interdisciplinary research participation. Bringing Science to Life: The Interdisciplinary Advantage will be held from 1:00 to 5:00 p.m. in conjunction with the annual meeting of the Association for Clinical Research Training and the Society for Clinical and Translational Science in Washington, DC (April 28-29). Experts will share information about successful interdisciplinary collaborations that have advanced the translational trajectory from bench to community practice during keynote and other presentations, panel discussions, and break-out sessions.

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There is no registration fee for this four-hour meeting; however, if you plan to attend the full conference, please visit www.acrtraining.org/2011-annual-meeting/registration for fee information. Space is limited for the ACRT/SCTS meeting, so please register early. Discounted hotel rates are available until March 26, 2011. Visit www.acrtraining.org/2011-annual-meeting/ancillary-meetings to learn more.

For more information, please contact Dr. Donna Jo McCloskey, 301-451-4216.

Obama's 2012 Budget Proposes Modest Increases for Science

The federal 2012 budget proposes $147.9 billion for federal research and development, an increase of $772 million (0.5%) over FY2010-enacted levels. The proposal increases nondefense R&D by 6.5% and federal basic and applied research by 11.6% . Increases include: $31.8 billion (up 2.4%) for NIH, $7.8 billion (up 13.0%) for NSF, and $5.4 billion (up 10.7%) for DOE's Office of Science.

Science of Team Science Conference

Northwestern University is sponsoring its 2nd Annual International "Science of Team Science (SciTS)" Conference on April 11-14 at the Wyndham Hotel in Chicago. The Conference is a forum to enhance understanding of how best to engage in team science to meet society's needs, in order to facilitate translating empirical research findings into evidence-based, effective practices.

The conference includes presentations and discussions, a special one-day workshop on Leadership and Team Science, and workshops on Social Network Analysis and Research Networking Tools. Space is limited; the sponsor urges those interested in attending to register as soon as possible. More information is available on the conference website: http://scienceofteamscience.northwestern.edu/scits-2011-conference

Website Lists Collaborative Funding Mechanisms

As the trend in collaborative interdisciplinary research and education continues, the National Organization of Research Development Professionals (NORDP) has compiled a comprehensive list of research grant mechanisms, types, and programs representing collaborative, multi- and interdisciplinary, and team-based funding opportunities, including both public and private sources, with a brief description of each. Updates will be made as new opportunities become available or changes occur to existing programs.

You can access the information here: http://nordp.org/resources/collaborative_funding_mech.php

Gates Foundation Invests in College Retention

The Bill & Melinda Gates Foundation is supporting Complete College America, a Washington, DC nonprofit, in its Completions Innovation Competition. This competition invites governors from all 50 states to submit proposals for innovative strategies to improve their state's college completion rates. Ten winners will receive $1 million each to implement their proposals over eighteen months.

The Foundation has also granted Inigral, a for-profit education technology company, $2 million to develop Schools App, an educational social media application. Schools App leverages Facebook to create affinity groups to foster feelings of friendship and belonging among first-year college students, with the aim of addressing the low freshman retention rates that plague many colleges and universities, some of which lose as much as 50% of freshmen by the end of the first year. Colleges and universities pay a fee for Inigral to build a site, which schools are expected to recoup in the form of greater student engagement and higher retention rates. "Leveraging social media to facilitate a student's integration into academic and campus life is a promising approach toward improving college completion rates in the United States" said Greg Ratliff, Senior Program Officer at the foundation.

(from the Foundation Center's Philanthropy News Digest)

Notes from the Director

Two resources are or will be available to LUC researchers and scholars that you may have heard about: the Research Data Center (RDC) and the Digital Repository. The RDC is a secure facility located in the basement of Mundelein that houses computing equipment; the Digital Repository will be an online library of publicly accessible research materials. Thus one is a physical space, the other will be virtual content. Both initiatives are guided by committees (on which I am a member) and in both cases the committees seek (or will seek) input from the LUC community to help ensure these resources meet diverse needs.

Recently the RDC Steering Committee, chaired by Dean Attoh, conducted a survey open to all members of the LUC community. I was very pleased to see that 176 respondents completed it, despite the fact that the topic (advanced research computing needs) was not expected to attract much notice. But both the number of responses, and the answers to the questions, demonstrated a high level of interest, and confirmed the Steering Committee's hypothesis that a university investment in this type of infrastructure was warranted.

The Digital Repository is not as far along in its implementation as the RDC, and the issues involved are more complex. The Advisory Committee established by Dean Seal will soon conduct its own survey. Asking the LUC community to take the time to give this sort of feedback is not undertaken lightly—much thought goes into how to minimize the time burden while obtaining enough information to be useful. Based on the results of the RDC survey, and the fact that the digital repository has a much wider scope, I am hopeful we'll get lots of responses.

—Bill Sellers

Recent Awards: Government Funding

(Grants awarded 10/9/2010 - 2/28/2011)

Samuel Attoh (Graduate School) Co-PI: **Patricia Mooney-Melvin** (Graduate School)
"Diversifying Higher Education Faculty in Illinois (DFI) 2010-2011"
Illinois Board of Higher Education, $9,600

Jonathan Canning (Museum of Art) Co-PI: **Molly Tarbell** (Museum of Art)
"Conservation and Storage Improvement Project"
National Endowment for the Humanities, $6,000

Christine George (CURL)
"Evaluation of Chicago Housing Authority Victim Assistance Program (VAP)"
U.S. Department of Housing and Urban Development, $80,676

Timothy Hoellein (Biology)
"The influence of oysters on sediment nitrogen cycling: an ecosystem approach"
National Science Foundation, $27,200

Christine Li-Grining (Psychology)
"Testing CSRP's Impact on Low Income Children's Outcomes in 3rd-5th Grade: A five year follow-up"
National Institutes of Health, $61,658

Robert Lombardo (Criminal Justice)
"Office of Justice Programs SMART Policing: Evidence-Based Law Enforcement Initiative FY 2010, Joliet Illinois Police Department"
U.S. Department of Justice, $57,308

Arthur Lurigio (Criminal Justice)
"Comparative Evaluation of Court-Based Responses to Offenders with Mental Illness"
National Institute of Justice, $43,750

Arthur Lurigio (Criminal Justice)
"Smart Choices Program"
Substance Abuse and Mental Health Services Administration, $27,400

Diane Morrison (Education)
"Proposal for the Illinois State Professional Development Grant on Early Intervention and Flexible Service Delivery"
U.S. Department of Education, $75,000

David Olson (Criminal Justice) Co-PI: **Gipsy Escobar** (Criminal Justice)
"Evaluation of the Cook County Sheriff's Police Ford Heights Initiative (ARRA)"
Cook County, $18,000

David Prasse (Education) Co-PI: **Dorothy Giroux** (Education)
"Chicago Teacher Pipeline Partnership"
U.S. Department of Education, $319,348

Julia Pryce (Social Work)
"Project MENTOR"
U.S. Department of Health and Human Services, $27,347

Diane Schiller (Education)
"GEAR UP 2010-2011"
U.S. Department of Education, $339,956

Nancy Tuchman (Center for Urban Environmental Research and Policy)
"A Sustainable Approach for Restoring Wetland Biodiversity"
Environmental Protection Agency, $449,603

Katherine Tyson (Social Work)
"C.R.I.M.E.: Replacing Violence with Compassion, Respect, Inspiration, Motivation, and Empathy"
Illinois Violence Prevention Authority, $10,000

Anita Weinberg (Law)
"Lead Poisoning Prevention 2010-2011"
U.S. Department of Health and Human Services, $54,771

Kana Wibbenmeyer (Facilities)
"Mundelein Center Restoration Project"
National Park Service, $200,000

Correction: *In the last issue of Research Update, Kathleen Adams of Theology was inadvertently not listed as Co-P.I. on M. Hermanson's grant submitted to the U.S. Department of Education. We apologize for this error.*

Recent Awards: Private Funding

(Grants awarded 10/1/2010 - 2/28/2011)
(Some proposals to private organizations are coordinated with Corporate and Foundation Relations)

Pam Ambrose (Museum of Art) Co-PI: **Erika Cornelisen** (Museum of Art)
"2011 After-School Outreach Program"
Northern Trust Company Charitable Trust, $5,000

Jonathan Canning (Museum of Art)
"Pilgrimage and Faith: Christianity, Buddhism, Islam"
Elizabeth Morse Charitable Trust, $5,000

Sarah Gabel (Fine and Performing Arts) Co-PI: **Diane Schiller** (Education)
"Arts Infusion Initiative"
Chicago Community Trust, $90,000

Christine George (CURL)
"Chicago Plan to End Homelessness Evaluations"
Field Foundation of Illinois, $15,000

Grayson Holmbeck (Psychology) Co-PI: **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

William Kroll (Biology)
"2011 Junior Science and Humanities Symposium"
Academy of Applied Sciences, $10,000

Diane Morrison (Education)
"Opening the Doors to All/Big Shoulders"
Big Shoulders Fund, $8,500

Lorraine Ozar (Education)
"Funding Solutions for Catholic Schools Research Initiative"
William Simon Foundation, $50,000

David Prasse (Education) Co-PI: **Mary Charles** (Education)
"Target New Transitions (TNT) Vertical Team in partnership with Know How2Go Illinois"
Lumina Foundation for Education, $10,000

Paul Roberts (Provost)
"Undocumented Student National Policy Paper"
Ford Foundation, $36,600

Susan Ross (Theology)
"Loyola University Graduate Program in Theology: Graduate Programs Teaching Initiative Application"
Wabash Center, $15,000

Katherine Tyson (Social Work)
"Stand Up! Help Out! Fall/Spring 2010-11, Region 4/ Donoghue"
After School Matters, $11,845

Private Awards, continued from page 7

Anita Weinberg (Law)
"Lead Housing Safety 2010-2011"
Chicago Community Trust, $75,000

Stacy Wenzel (Center for Science and Math Education)
"Evaluation of a Graduate Program in Mathematics Teaching and Learning for Middle School Teachers -- 2010 -2012"
DePaul University, $20,829

NIH Grant Tips

In our last newsletter we shared some "Pearls of NIH Grant Application Wisdom" from The Principal Investigators Association. Here are a few more!

1. Do write your proposal as if you're telling a story, with a resolution that explicitly e plains the impact of your work: "When this research is done, my field will be changed because we will know [fill in the blank] and we will then be able to go on and do [fill in the blank]."
2. Do use the Introduction section, if you're resubmitting, to outline a big-picture view of the original reviewers' major concerns and how you've addressed them. Then refer new reviewers to your revised document.
3. Do get a letter of support from your department head stating your institution's commitment — in terms of human and financial resources — to your success.
4. Do play up in the Impact statement any additional uses of the data set you'll be putting together. If you can use your data to do more than one study, you are much more likely to get your work funded.
5. Don't go into great experimental detail in your application or include a lot of background on the history of your field.

Good Luck!

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