LOYOLA UNIVERSITY CHICAGO

RESEARCH UPDATE

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OFFICE OF RESEARCH SERVICES

1032 W. Sheridan Road
Granada Center 400
Chicago, Illinois 60660

Phone: 773-508-2471
Fax: 773-508-8942
E-mail: ors@luc.edu
http://www.luc.edu/ors

Samuel A. Attoh, PhD
Dean of the Graduate School and Associate Provost for Research, Lakeside Campuses

William Sellers, PhD
Research Services Director
Lakeside Campuses

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ORS NEWS

Loyola and Northwestern to host Spring 2012 NSF Regional Grants Conference

The Office of Research Services and the Graduate School of Loyola and the Office of Research Development of Northwestern University will co-host the Spring 2012 National Science Foundation (NSF) Regional Grants Conference. The conference will be held on March 19-20, 2012 at the Orrington Hotel in Evanston. Dr. Sam Attoh, Associate Provost for Research and Dean of the Graduate School at Loyola, and Dr. Jay Walsh, Vice President for Research at Northwestern, cordially invite interested faculty, researchers, and administrators who wish to gain key insights into a wide range of current issues at NSF to attend, including the state of current funding, new and current policies and procedures, and pertinent administrative issues.

The agenda will be similar to those of recent previous NSF grant conferences, which are available at http://www.nsf.gov/bfa/dias/policy/outreach.jsp, along with slides of presentations from the last conference and further details. Registration will open in December.

Reminder: RCRS Training

As previously reported and in accordance with recent federal regulations, 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.

To ensure that faculty and students at Loyola have the basic foundation needed to learn and apply the ethical research standards of their discipline/profession, faculty and students are encouraged to complete the no-credit RCRS course (UNIV 370) prior to involvement in funded research activity involving the NSF, NIH, or any other federal agency requiring training. Beginning Fall 2011, the Graduate School is requiring RCRS training for all matriculating PhD students and master's students enrolled in thesis-oriented programs.

If you have not completed the course, please enroll for the next session on January 12-13, 2012. To register, please use the LOCUS online program. 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.

Annual *Endeavors* Publication

The annual publication of the Graduate School, *Endeavors*, is now available. Each year *Endeavors* features the work of Loyola faculty and students that is of interest to the larger Loyola community.

The theme of the 2011 issue of *Endeavors* is "Loyola Women in Science", and features profiles of Drs. Anne Figert, Noni Gaylord-Harden, Catherine Putonti, Martina Schmeling, Elizabeth Vera, Aana Vigen, and Kim Williamson, along with graduate students Jamila Cunningham and Angela McHaffey, and undergraduate students Jennifer Gomez and Kelly Silay. Look for your copy in intercampus mail.

Please contact ORS if you would like additional copies for distribution.

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/

Live Webinars on Federal Research Priorities and Budgets for FY12

ORS recently hosted a series of live webinars from federal funding agencies about current research priorities, anticipated 2012 budget allocations, and recent initiatives, entitled "Federal Research Priorities and Budget for FY12" from Oct 31—Nov 2, 2011. The agenda is presented below. You can view any of the presentations at: http://research.missouri.edu/federalupdate/slides.htm

October 31	SPEAKER
10:00 a.m.	Kei Koizumi, Assistant Director for Federal R&D, White House Office of Science and Technology Policy, on the President's priorities and budget requests for research
11:30 a.m.	Kam Ng, Deputy Director of Research, Office of Naval Research, on ONR's budget priorities for research
1:00 p.m.	Elizabeth Albro, Acting Commissioner, National Center for Education Research, Institute of Education Sciences, Department of Education, on Funding Opportunities in Education Research at the Institute of
2:30 p.m.	Nadina Gardner, Director, Division of Preservation and Access, National Endowment for the Humanities on NEH budget priorities and updates to grants policies and procedures
November 1	
10:00 a.m.	Elizabeth Albro, Associate Commissioner for Teaching and Learning, National Center for Education Research, Department of Education, on updates of ED grants policies and procedures
11:30 a.m.	Jim Horwitz, Team Lead for Condensed Matter Physics in the Office of Basic Energy Science at the Department of Energy, on updates of DOE grants policies and procedures
1:00 p.m.	Mark Poth, USDA, on NIFA budget priorities for research as well as updates on grants policies and procedures
2:30 p.m.	David Curren and Maria Koszalka, Grants Policy Analysts at the NIH, on NIH budget priorities for research as well as updates on grants policies and procedures
November 2	**SPEAKER**
10:00 a.m.	Jeremy Leffler, Outreach Specialist in the Policy Office within the Office of Budget, Finance, and Award Management. on NSF budget priorities for research as well as updates on grants policies and procedures
11:30 a.m.	Harriet Kung, Director of Basic Energy Sciences, Department of Energy Office of Science, on updates of DOE grants policies and procedures

Lunch & Learn

ORS' next Lunch & Learn session will be an instructional webinar on **Pivot,** the new web-based funding search and collaboration tool recently launched by the COS funding database. Pivot provides access to a larger database of funding opportunities, allows individuals to save searches and opportunities, supports sharing and collaboration between colleagues, and much more.

Lunch and Learn Webinar: Pivot for University Faculty, Researchers, and Staff
Presented by Jason High
Tuesday, November 29, 1:00 PM - 2:30 PM
Room 420, Granada Center, LSC

For more information about the new Pivot tool, please go to http://www.refworks-cos.com/cospivot/. Lunch will be provided, and all faculty, staff, and investigators (including graduate students) are welcome to attend. To help facilitate planning, please email Stephanie Augustine at saugustine@luc.edu to RSVP. We hope to see you there!

FUNDING NEWS

CREATIV: Creative Research Awards for Transformative Interdisciplinary Ventures

CREATIV (Creative Research Awards for Transformative Interdisciplinary Ventures) is a pilot grant mechanism under the Integrated NSF Support Promoting Interdisciplinary Research and Education (INSPIRE) initiative, to support bold interdisciplinary projects in all NSF-supported areas of science, engineering, and education research. The INSPIRE initiative was introduced by NSF Director Subra Suresh with the fiscal year 2012 NSF budget request to Congress. From his **remarks**: "INSPIRE is aimed to encourage cross-disciplinary science. INSPIRE will help to break down any disciplinary barriers that may exist within NSF and encourage its program managers to use new tools, collaboration modes and techniques in the merit-review process to widen the pool of prospective discoveries that may be hidden from or circumvented by traditional means."

CREATIV is the first grant award mechanism under INSPIRE, and will be the only one launched in FY 2012. In brief, its distinguishing characteristics are: *only internal merit review is required; proposals must be interdisciplinary and potentially transformative; must be supported by at least 2 intellectually distinct NSF divisions or programs; requests may be up to $1,000,000 and up to five years duration*. **Goals of the CREATIV grant mechanism:**

- Create new interdisciplinary opportunities that are not perceived to exist presently
- Attract unusually creative high-risk / high-reward interdisciplinary proposals
- Provide substantial funding, not limited to the exploratory stage of the pursuit of novel ideas
- Designate no favored topics; be open to all NSF-supported areas of science, engineering, and education research

Submission for 2012 is any time between 2/1/2011 - 6/15/2012. In the future, further announcements will be made regarding INSPIRE activities to be launched in FY 2013 and beyond. The funding for INSPIRE in future years is expected to increase substantially each year, reaching a steady state in FY 2016.

NIH Webinar

What NIH Grantees Need to Know About the 2011 Revised Financial Conflict of Interest Regulation

Wednesday, November 30, 2011
1:00pm – 2:30pm CST

Audience: This webinar is designed for NIH grantee institution's investigators and administrators. *Note: In accordance with changes in federal regulations (see Director's Notes, page 6) Loyola will be revising its FOCI rules within the next six to nine months. This webinar will give you a head start!*

Background: The U.S. Department of Health and Human Services (HHS) and the National Institutes of Health (NIH) issued the final rule that amends the Public Health Service (PHS) regulation on *Responsibility of Applicants for Promoting Objectivity in Research for Which PHS Funding is Sought* (42 CFR Part 50, Subpart F), commonly referred to as the Financial Conflict of Interest (FCOI) regulation. An institution applying for or receiving NIH funding from a grant or cooperative agreement must be in compliance with all of the revised regulatory requirements no later than August 24, 2012.

The revised regulation modifies the requirements of the 1995 FCOI regulation in a number of important areas including Investigator disclosure and training requirements, institutional management of financial conflicts, and public accessibility requirements. This webinar will clarify those changes and provide a summary of responsibilities of the grantee institution and its Investigators. There will be time allotted for questions from the audience.

Event Logistics: The **live broadcast** will be available on November 30, 2011. **No registration is necessary.**

- Go to the live broadcast a few minutes prior to the webinar and a "Click to Watch" button will provide you access. If it isn't there, refresh your browser. Adobe Flash Player is necessary to view
- Technical FAQs are available and should answer all your access questions, including settings for cinema viewing, firewall info, potential Mac Pro Book issues, etc.

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- For additional technical assistance, contact the NIH IT Service Desk at (301) 496-4357, toll free (866) 319-4357.
- An **archive of the event** will be available within 3-5 business days from the event day on the NIH Past Events - Special website by title and date.

For more information, visit http://grants.nih.gov/grants/policy/coi/fcoi_webinar_20111130.htm.

NSF Announces ADVANCE

Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

The goal of the ADVANCE program is to develop systemic approaches to increase the representation and advancement of women in academic science, technology, engineering and mathematics (STEM) careers, thereby contributing to the development of a more diverse science and engineering workforce. ADVANCE focuses on ensuring that women faculty with earned STEM degrees consider academia as a viable and attractive career option. Women account for about 41 percent of all new PhDs in science and engineering, but their share of full-time tenured or tenure-track positions in academia is only about 28 percent. This program does not support projects to increase or retain the number of women entering into or persisting in STEM doctoral degree programs. Thus, efforts to impact the STEM pipeline are not considered appropriate for the ADVANCE Program.

Creative strategies to realize the ADVANCE program goal are sought from women and men. Members of underrepresented minority groups and individuals with disabilities are especially encouraged to apply. Further, given the increasing emphasis on international collaborations in many STEM disciplines, and the importance of international recognition to career advancement, proposal components that systemically enhance and provide access to international collaborations are encouraged. Additional information about this NSF-wide program including information about ADVANCE awards, ADVANCE Implementation Committee members, and products, tools, and resources can be found at http://www.nsf.gov/pubs/2009/nsf0941/nsf0941.pdf .

CENTER NEWS

Gannon Center for Women and Leadership Receives Scholarship Funding

Adelaide Johnson directed that upon her death, the **Carroll and Adelaide Johnson Scholarship Fund** be established for deserving students through Loyola's Gannon Center for Women and Leadership.

The Fund offers undergraduate students an opportunity to conduct global interdisciplinary research focused on women and leadership during their junior and senior years at Loyola. Research should be directed toward addressing a major issue facing our contemporary world and possible solutions. Students will work with a faculty mentor and an external leader from the public, corporate or non-profit sector.

Loyola sophomore students with a cumulative GPA of 3.0 or higher who are interested in pursuing research that will advance the Gannon Center's mission and who demonstrate financial need are eligible. The inaugural group of five Johnson Scholars will begin their research in Fall 2011. Students will receive a $4,000 stipend annually; faculty mentors will receive $1,500 annually.

Center for the Catholic Intellectual Heritage (CCIH)

The three-year multidisciplinary *Democracy, Culture and Catholicism International Research Project* (DCCIRP) conducted by the Joan and Bill Hank Center for the Catholic Intellectual Heritage completed its second year of work this summer with Regional Colloquia at three of its participating international institutions: Universidad Antonio Ruiz de Montoya in Lima, Peru, Sanata Dharma University in Yogyakarta, Indonesia, and Vilnius University in Vilnius, Lithuania. Groups from the 31 research scholars in the DCCIRP presented first drafts of their research at each regional meeting. Participating Loyola researchers also had cultural immersion activities at each location. The project will conclude with a participants' conference at the Pontifical Gregorian University in Rome in June 2012.

Center for Urban Research and Learning (CURL)

Results of CURL's Evaluation of Chicago's Plan to End Homelessness will be released in 2012

Results from CURL's Evaluation of Chicago's Ten-Year Plan to End Homelessness will be released in a series of events and publications in early 2012. The three-year study, done in collaboration with the Chicago Alliance to End Homelessness, utilized interviews with service provides and hundreds of Chicago's homeless. Dr. Christine George, CURL Research Faculty, is the PI on this project, which will provide critical information to policy makers and service providers. Initial results reported by Dr. George are available in a PowerPoint presentation entitled, "Appraising Chicago's Homeless Population," at www.luc.edu/curl/publication.shtml.

Appointment of Dr. Anthony Orum as Visiting Scholar at CURL

Dr. Anthony Orum has been appointed by Provost John Pelissero as a Visiting Scholar at CURL starting Fall 2011. Tony has a distinguished career as an urban sociologist. In May he retired from the University of Illinois Chicago, where he had served as Department Head and Professor. He has taught at Emory University, the University of Illinois Champaign Urbana, and the University of Texas at Austin. He has authored or edited 12 books and monographs, including *Power, Money & the People: The Making of Modern Austin (2002)*; *Political Sociology: Power and Participation in the Modern World (2008)*; and *Introduction to Cities: Place and Space in Human Experience (2011)*.

In 2009 the American Sociological Association Section on Community and Urban Sociology awarded him the Robert and Helen Lynd Award for Lifetime Achievement and Service, one the of top awards in our field. Tony is the founding editor of *City & Community* and has served as an editor or co-editor for a dozen other journals.

Healthy Homes: CURL Cooperative Project with other Centers of Excellence

CURL will be working with the Center for the Human Rights of Children, the Center for Urban Environmental Research and Policy, and the Child Law Center on an initiative to explore emerging issues around healthy homes in Chicago communities. Funded by seed money from the University awarded in November 2011, the 18-month initiative will involve collaboration with government and community-based partners in identifying issues in both the physical and social environment that represent obstacles for creating healthy environments for all Chicagoans. This collaboration among centers is seen as the beginning of a long-term effort to create more sustainable communities in Chicago and its suburbs.

New funding Received to Gather Resident Input on Proposed Southern Expansion of the Red Line

CURL has just received funding from the Chicago Metropolitan Agency for Planning (CMAP) to collaborate with CMAP on a participatory community research project related to their Red Line Extension Livability Project. CURL will be working the agency in understanding resident interest and input in the planned southern expansion of the CTA red line. This $20,000 grant was awarded through a competitive bid process. CURL's experience and positive reputation in

Pathways to Stable Housing Photography Exhibit to Continue through January 15 at LUMA

Noah Addis, *Carmen Velazquez*, 2010

In a partnership with the Alliance to End Homelessness, CURL and Pulitzer Prize-winning photographer Noah Addis have organized an exhibition of portraits of individuals and families who have moved from homelessness to stable housing. Dominant stereotypes of homeless individuals are challenged by 25 portraits of and interviews with individuals who have made, or are in the process of making, the move to secure long-term housing.

The exhibit is continuing through January 15, 2012 at the Loyola University Museum of Art (LUMA).

Center for Urban Environmental Research & Policy (CUERP)

Harvest Festival: Loyola University Chicago's Retreat and Ecology Campus (LUREC) held its first **Harvest Festival** on October 23, giving individuals from the Loyola and local communities the opportunity to see and learn more about University's campus in Woodstock. Event highlights include food prepared by the Retreat and Ecology Campus's chef Scott Commings, campus tours, live music, pumpkin painting, bags and frisbee games, a beer and wine tent, a farmer's market, and more. The celebration was a huge success, hosting over 650 neighbors, alumni, students, staff, and faculty, and in partnership with **CUERP**, the Woodstock Chamber of Commerce, Bull Valley Association, and The Peggy Notebaert Nature Museum. Photos from the event are available here: http://www.flickr.com//photos/lucalumni/sets/72157627904966081/show/.

Biodiesel Program: CUERP's Biodiesel Program is pleased to announce its latest partner, Resource Center's City Farm. The City Farm, a sustainable vegetable farm bordering the Cabrini Green and Gold Coast neighborhoods, has agreed to purchase biodiesel fuel from the University to power its delivery van. This partnership will allow the University to fuel City Farm's delivery van, which is used in the organization's perishable food recovery program that picks up food to be thrown away, and drops it off at local soup kitchens and food pantries. City Farm supplies produce to some of the city's most well recognized chefs, including Rick Bayless.

Loyola University Chicago is the only University in the nation with a license to sell its biodiesel fuel. The program has received the approval of the Environmental Protection Agency, Internal Revenue Service, Illinois Department of Revenue, and the National Biodiesel Board.

Center for the Human Rights of Children (CHRC)

Katherine Kaufka Walts, JD Director, CHRC, at the forensics workshop

On November 4th the CHRC sponsored a one-day workshop on "*Protecting Children's Rights Through Multidisciplinary Forensics*". The purpose of this workshop was to raise awareness of the current community needs for professional assessments, and to build the capacity of the professionals to better support children who are victims of discrimination, violence, trauma, and torture, and abuse.

The multidisciplinary workshop was attended by approximately 100 participants, including professionals, alumni, and several students. Presenters and moderators comprised faculty from the College of Arts and Sciences, School of Education, the School of Law, the Stritch School of Medicine, and the School of Nursing. Student volunteers came from these co-sponsors and from the School of Social Work. Noteworthy outside presenters included the **Honorable Virginia M. Kendall**, Judge**,** Federal Northern District Court of Illinois, and the **Honorable Jennie L. Giambastiani**, Immigration Judge for the Chicago Immigration Court.

Katherine Kaufka Walts, Director of the CHRC, spoke at the American Bar Association Annual Meeting in Toronto, Canada on August 5th. Her presentation was titled, "*Child Trafficking Law, Policy and Practice Reform: U.S.- Canada Perspectives*."

Other News

NIH Educational Loan Repayment Program (LRP)

Researchers who secure a qualified position funded by a domestic nonprofit, university or U.S. government entity may be available for loan repayment. Professionals who have doctoral-level degrees and are conducting biomedical or behavioral research funded by domestic nonprofit or government organizations may be eligible for up to $35,000 of NIH loan repayment funds per year to repay educational debts, in exchange for a two-year commitment to conduct research in certain areas. Awards may be renewable.

The Get Started page will allow you to review the extramural LRPs, verify your eligibility, and apply to one of the programs. The Application Guide will acquaint you with the content and format of the application so that you can begin preparing to complete it. The Resources section of the website provides additional tools and information.

The **LRP application is available and accepted** online via the NIH website from **September 1st through November 15th each year**.

Loyola Ranked In Top 10 Nationally, Licensing Survey Shows

The Association of University Technology Managers (AUTM) 2010 Licensing Survey has just been released, covering major aspects of technology transfer activities, including licensing income, of 150 institutions in the United States. Loyola's income generated from license agreements for 2010 was over $3.7 million, ranking it 58th in the country. However, taking the ratio of licensing income to total research expenditures for the year, Loyola's ratio was 8.5%, resulting in a national ranking of 9th place.

Notes from the Director

The Council on Governmental Relations (COGR) convenes three meetings of university members a year, and then distributes follow-up reports. So even if I do not attend a meeting I can still keep abreast of the latest news regarding regulatory matters at the federal level, insofar as they pertain to sponsored research. Usually it's a case of "not much new under the sun" but the October 2011 report was something of surprise.

For one thing, there appears to be a groundswell of support for the elimination of effort reporting. If some of your salary is coming from a grant, you will be familiar with the form that is periodically sent to you by Sponsored Program Accounting that asks you to certify effort on the grant. Some sort of effort certification on grants has been required since at least the 1970s. Now COGR is reporting that the "elimination of the effort reporting requirement appears to have gravitated to the top priority" of a government Task Force charged with reviewing federal rules for allowable costs on grants. It's hard to imagine life without effort reporting—but who knows?

You may have heard about the America Invents Act, enacted this past September. Although some parts of the law went into effect at that time, the big change that will affect universities will not be in force until March 16, 2013. At that point the United States will join most of the rest of the world in adopting a "first to file" rule rather than the "first to invent" rule that has been in place much longer than effort reporting. Though there will still be a twelve month grace period during which you can publish without losing patent rights in the U.S., you now run the risk of someone beating you to the patent office even if you were the initial inventor.

Also on the horizon are changes that most universities will be making in their financial conflict of interest policies in order to comply with NIH rules. Such changes must be made no later than August 24, 2012. For the most part, the new rules clarify and tighten up requirements for mitigating, monitoring, and reporting significant financial interests on the part of investigators involved in grant-funded projects. But there is a major issue involving "sponsored travel" as possibly constituting a conflict. I'm pretty experienced at dealing with federal rules, but I confess this one has me baffled. Hopefully it will all get sorted out before long. In any event, look for a revised and consolidated financial conflict of interest policy that will replace the similar but non-identical policies currently applicable to the lakeside and health sciences campuses.

And finally there is some relief from the "Fly America Act." This is the law that prevents you from flying on a foreign airline even if it's a lot cheaper and/or more convenient—at least if you plan to charge the cost to a federal grant. Effective February 1, 2012, air carriers from European Union countries can be used in certain circumstances even if a U.S. airline is available.

Perhaps there are new things under the sun after all.

—Bill Sellers

Upcoming Events and Future "Save the Dates"

American Association for the Advancement of Science (AAAS) 2012

The Annual AAAS Meeting is one of the most widely recognized pan-science events, with hundreds of networking opportunities and broad global media coverage. An exceptional array of speakers will gather at the **2012 AAAS Annual Meeting from 16-20 February in Vancouver, B.C.** The theme of "Flattening the World: Building the Global Knowledge Society" is intended to focus the program on the complex, interconnected challenges of the 21st century and on pathways to global solutions through international, multidisciplinary efforts.

See details at: http://www.aaas.org/meetings/2012/

Science of Team Science Conference in Chicago Spring 2012

The **Annual International Science of Team Science (SciTS) Conference** is a forum to enhance our understanding of how best to engage in team science to meet society's needs.
The SciTS Conference serves: as a point of convergence for investigators studying science teams and team science leaders/practitioners; to engage funding agencies to provide guidance on developing and managing team science initiatives; and to afford data providers and analytics developers insight into collaboration tracking and analysis needs. In this way, the SciTS Conference acts as a bridge between the science of team science and the praxis of team science, an important conduit for translating empirical findings about team science into evidence-based effective practices for scientific teams and funders of team science.

Save the Dates!
3rd Annual International SciTS Conference
April 16-19, 2012
at the Wyndham Chicago
~ Registration and Call for Poster Abstracts will open in January, 2012 ~

Conference Sessions & Workshops, Over 30 Presenters Confirmed:

- Collaborative Communication Workshop
- Types of Team Science
- Bridging Disciplinary Discourse
- Individual /Shared Cognition & Affect
- Group Communication & Collaboration Process
- Leadership & Team Science
- Team Science Evaluation
- Learning & Knowledge Sharing for Science Teams
- Lessons from the Teams
- Linked Open Data for Team Science Workshop

Conference Web Site:http://scienceofteamscience.northwestern.edu/annual-scits-conference
Sponsor Prospectus: http://scienceofteamscience.northwestern.edu/sites/default/files/SciTS%20Conference%20Sponsor%20Prospectus%202012%2011.4.11.pdf

Join the SciTS Listserv
The **Science of Team Science (SciTS) listserv** facilitates conversation among individuals who are engaged in, studying, or managing team science, in the US and internationally. The listserv is maintained collaboratively by the SciTS Team at the National Cancer Institute, Division of Cancer Control and Population Sciences, Behavioral Research Program at the NIH, and Research Team Support & Development (RTS&D) at the Northwestern University Clinical and Translational Sciences (NUCATS) Institute.

Free Grant Writing Webinar

Dr. David Stone, Associate Vice President for Research at Northern Illinois University, has written two articles for the Chronicle of Higher Education, "Becoming a Successful Principal Investigator" and "How Your Grant Compares." These articles introduce the concept of positioning, the idea that there are many things that a faculty member needs to do before he or she considers writing a grant that will heavily determine whether that grant is funded. Dr. Stone will discuss positioning in detail, take questions on how you might best position yourself, and discuss the importance of collaborative tools in facilitating better positioning. Sponsored by In4Grants.

Date: **Thursday, December 1, 2011**
Time: **1:00 - 2:00 PM CST**

About the Presenter:

Dr. David Stone is the Associate Vice President for Research at Northern Illinois University, with an outstanding record of attracting grant money for his own research and helping others develop creative and successful interdisciplinary projects. Stone holds a Ph.D. in technology and society from Boston University, and a master's degree in forensic psychiatry studies. In 2003 he served as founding director of the South-East European Research Centre, an international research center and think tank jointly established by the University of Sheffield in the United Kingdom and CITY College in Greece. He has held numerous academic and administrative appointments, notably as director of research at the Fenway Community Health Center in Boston, director of the Boston Violence Prevention project at the Harvard School of Public Health, and as associate director of the Pediatric and Adolescent Health Research Center at the Tufts University School of Medicine.

Award Spotlight

ORS congratulates Philip Hong, PI, of the School of Social Work and his Co-PIs Terri Pigott of the School of Education and Timothy O'Brien of Mathematics and Statistics, on the funding of their project entitled "Evaluation of Empowerment Pathways to Self-Sufficiency in Health Professions Opportunity Workforce Development for Low-Income Individuals," funded in the amount of $ 1,346,445 by the U.S. Department of Health and Human Services. The first-year allocation of $335,811 for this four-year award was received in October.

The study will examine factors contributing to or impeding economic success for low-income job seekers in the health professions during the economic downturn, where the healthcare sector has experienced labor shortages or high demand for quality workers. The investigators will partner with two HPOG (Health Professional Opportunity Grant) grantees that provide health professional training to examine transformative career pathways to health professional employment. By analyzing survey data from the two HPOG grantee agencies and from the Chicago Housing Authority's employment support services, the study will help to determine the role of psychological factors in mitigating barriers to healthcare workforce development in this population.

Recent Awards: Government Funding

(Grants awarded 7/1/2011 - 10/31/2011)

Samuel Attoh (Graduate School) Co-PI: **Patricia Mooney-Melvin** (Graduate School)
"Diversifying Higher Education Faculty in Illinois (DFI) 2011-2012"
Illinois Board of Higher Education, $84,000

Miguel Ballicora (Chemistry)
"Synthesis of Glycogen in Bacteria and Starch in Plants: ADP-glucose pyrophosphorylase Structure-Function Relationship Studies"
National Science Foundation, $158,888

Martin Berg (Biology)
"Prey Availability for Nesting Rusty Blackbirds on the Copper River Delta, Alaska"
U.S. Forest Service, $50,000

Marian Bocea (Math & Statistics)
"Modern Methods in Calculus of Variations with Applications to Polycrystalline and Granular Materials"
National Science Foundation, $66,604

R. James Breunlin (Education)
"Mast program 2012"
Illinois State Board of Education (ISBE), $50,000

Grace Calhoun (Athletics)
"Student Athlete Opportunity Fund"
National Collegiate Athletic Association, $62,278

Grace Calhoun (Athletics)
"Academic Enhancement Fund"
National Collegiate Athletic Association, $66,649

Jacob Ciszek (Chemistry)
"CAREER: Control of Substrate Electronic States via Photochromic (Switching) Molecular Adsorbates"
National Science Foundation, $206,290

Patrick Daubenmire (Chemistry)
"Families, Organizations, & Classrooms Understanding Science, Sustainability, & Service (FOCUSSS)"
National Science Foundation, $499,508

Megan Deiger (Center for Science and Math Education)
"Evaluation of the Parents as Educators Pilot Program"
Institute of Museum & Library Services, $5,930

Nicole Ferentz (Fine and Performing Arts) Co-PI: **April Browning** (Fine and Performing Arts)
"Transformative Role of Art and Its Power to Effect Social Change: DFPA Public Programming 2011-2012"
Illinois Arts Council, $10,000

Alanah Fitch (Chemistry)
"Development of E-Learning Modules for Analytical Chemistry"
National Science Foundation, $12,759

Jan Florian (Chemistry)
"DNA Polymerase Replication Fidelity: Theory and Experiment" National Cancer Institute, $73,060

Ronald Greenberg (Computer Science) Co-PI: **David Slavsky** (Center for Science and Math Education)
"Collaborative Research: Type I: Taste of Computing: Adding a CS Entree to the Education Choices in a Large Urban School District"
National Science Foundation, $176,149

Catherine Haden (Psychology)
"Collaborative Research: Engineering Children's Learning with Physical and Social Tools"
National Science Foundation, $224,800

Amy Heineke (Education) Co-PI: **David Prasse** (Education)
"Chicago Public Schools Area 6 Summer Professional Development Project"
Chicago Public Schools, $6,600

Marcia Hermansen (Theology) Co-PI: **Wiley Feinstein** (Modern Languages & Literature), **Kathleen Adams** (Anthropology)
"Activity and Connectivity: Strengthening the Arabic Language and Islamic World Studies Programs at Loyola University Chicago"
U.S. Department of Education, $38,152

Tham Hoang (Center for Urban Environmental Research and Policy)
"Characterization of the influence of water quality on the toxicity of metal mixtures to fathead minnows (*Pimephales promelas*)"
ICaRuS Japan Limited, $6,534

Richard Holz (Chemistry)
"Collaborative Research: Mechanistic Studies on Fe-type Nitrile Hydration Catalysts"
National Science Foundation, $194,000

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Lu Hong (Business)
"The Structure of Signals: Causal Interdependence Models and Bayesian Inference"
National Science Foundation, $44,110

Philip Young Hong (Social Work) Co-PI: **Terri Pigott** (Education), **Timothy O'Brien** (Math & Statistics)
"Evaluation of Empowerment Pathways to Self-Sufficiency in Health Professions Opportunity Workforce Development for Low-Income Individuals"
U.S. Department of Health and Human Services, $335,811

Marla Israel (Education) Co-PI: **Elizabeth Vera** (Education)
"Chicagoland Partners for English Language Learners"
U.S. Department of Education, $205,399

Leanne Kallemeyn (Education)
"External Evaluation of the American Dreams Project"
U.S. Department of Education, $33,670

Leanne Kallemeyn (Education)
"External Evaluation of Differentiating Professionalism: Data-driven Literacy Work Groups"
Illinois Board of Higher Education, $2,000

Reuben Keller (Environmental Science)
"Preventing Invasions from Trade in Live Aquatic Organisms"
U.S. Fish & Wildlife Service, $48,766

John Kelly (Biology) Co-PI: **Christopher Peterson** (Environmental Science)
"Influence of Algal / Bacterial Interactions on Denitrification in Stream Biofilms"
Illinois Water Resources Center, $22,672

Marilyn Krogh (CURL, Sociology)
"Neighborhood Satisfaction and Mobility Patterns Among the Currently and Formerly Homeless: A Study of Chicago's Residential Homelessness System"
U.S. Department of Housing and Urban Development, $25,000

William Kroll (Biology)
"Research and Engineering Apprenticeship Program (REAP 2011)"
U.S. Army, $2,600

William Kroll (Biology)
"2011-2012 Junior Science and Humanities Symposium"
Academy of Applied Sciences, $10,000

Jim Larson (Psychology)
"Motivation Gains on Divisible Conjunctive Tasks"
National Science Foundation, $251,946

Arthur Lurigio (Criminal Justice)
"Smart Choices Program-Yr 3"
Substance Abuse and Mental Health Services Administration, $27,400

Richard Matland (Political Science) Co-PI: **Olga Avdeyeva** (Political Science)
"Participant Costs for: IPY: Women Candidates in Regional Russia: Religion and Culture as Barriers to Women's Participation"
National Science Foundation, $53,920

Diane Morrison (Education)
"Social and Emotional Learning and Mental Health Evaluation"
U.S. Department of Education, $61,800

Diane Morrison (Education)
"Illinois State Board of Education Personnel Development Grant: IHE Partnership"
Illinois State Board of Education (ISBE), $4,635

Robert Morrison (Psychology)
"Electrophysiology of Category Learning in Mild Cognitive Impairment"
American Federation for Aging Research, $51,223

Philip Nyden (CURL)
"Halfway Home: An Ethnographic Study of Ex-Offender Community Reintegration"
U.S. Department of Housing and Urban Development, $25,000

David Olson (Criminal Justice)
"Data Analysis and Research Services for the Cook County Sheriff's Office"
Cook County, $8,206

Kenneth Olsen (Chemistry)
"Research Experiences for Undergraduates"
National Science Foundation, $82,125

John Pelissero (Provost)
"LUC Student Academic Support for Success"
U.S. Department of Education, $212,339

Diane Profita Schiller (Education)
"GEAR UP 4 Summer School"
Northeastern Illinois University, $26,876

Martina Schmeling (Chemistry)
"Analysis of Genesis Solar Wind Samples by Total Reflection X-ray Fluorescence"
National Aeronautics & Space Administration, $37,022

Peter Schraeder (Political Science)
"Research Project with the University of Sousse (Tunisia)"
U.S. Department of State, $250,000

Peter Schraeder (Political Science)
"University Partnership with the University of Tunis-El Manar, Manouba University, and University of Carthage (Tunisia)"
U.S. Department of State, $250,000

Rachel Shefner (Center for Science and Math Education)
"Supporting Middle Grades Science Professional Development in CPS: Content, Curriculum, Coaching and Using Data-Renewal"
Illinois Board of Higher Education, $384,309

David Slavsky (Center for Science and Math Education)
"NASA Capstone Project"
National Aeronautics & Space Administration, $161,059

David Slavsky (Center for Science and Math Education, , Physics)
Co-PI: **Patrick Daubenmire** (Chemistry)
"ISBE Chem Education Project (Renewal)"
U.S. Department of Education, $59,144

Nancy Tuchman (Vice-Provost)
"Development of a Local and Sustainable Cookbook"
Woodstock Farmers Market NFP, $1,200

Katherine Tyson (Social Work)
"Stand Up! Help Out! Summer 2011"
After School Matters, $4,839

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Katherine Tyson (Social Work)
"Stand Up! Help Out! Fall/Spring 2011-12"
After School Matters, $20,118

David Van Zytveld (CURL)
"Longitudinal Demonstration Project Measuring Program Effectiveness of Changing Worlds' Literacy and Cultural Connections Program
Changing Worlds, $45,000

David Van Zytveld (CURL) Co-PI: **Philip Nyden** (CURL)
"Community Assessment Project (Year 3)"
U.S. Department of Health and Human Services, $31,000

Maria Vidal De Haymes (Social Work)
"Migration Studies Initiatives to promote Curricular Development and a North American Community"
U.S. Department of Education, $88,801

Eric Weems (Financial Assistance)
"Federal Student Education Opportunity Grant (FSEOG) FY 2012"
U.S. Department of Education, $866,535

Eric Weems (Financial Assistance)
"Federal Work Study (FWS) FY 2012"
U.S. Department of Education, $2,067,098

Darrell Wheeler (Social Work)
"PS09-007, Evaluating Locally-Developed (Homegrown) HIV Prevention Interventions"
Centers for Disease Control and Prevention, $171,064

Darrell Wheeler (Social Work)
"HIV Prevention Trials Network Protocol Co-Chair/HPTN 061"
National Institute of Allergy and Infectious Diseases, $27,616

Darrell Wheeler (Social Work)
"Upward Mobility FY 2012"
State of Illinois, $7,000

Kim Williamson (Biology)
"Intergovernmental Personnel Agreement (IPA): DHHS/NIH/NIAID"
National Institute of Allergy and Infectious Diseases, $44,329

David Yellen (Law)
"PROLAW Scholarship Heredia/SETEC"
U.S. Department of State, $59,986

David Yellen (Law)
"PROLAW Scholarship for Montes/PGR"
U.S. Department of State, $59,986

Recent Awards: Private Funding

(Grants awarded 7/1/2011 - 10/31/2011)
(Some proposals to private organizations are coordinated with Corporate and Foundation Relations)

Pam Ambrose (Museum of Art) Co-PI: **Erika Cornelisen** (Museum of Art)
"Menu Proposal"
Richard H. Driehaus Foundation, $12,500

Samuel Attoh (Graduate School) Co-PI: **Patricia Mooney-Melvin** (Graduate School)
"Arthur J. Schmitt Dissertation Fellowship Program 2011-2012"
Arthur J. Schmitt Foundation, $100,000

Samuel Attoh (Graduate School)
"Completion and Attrition in STEM Master's Programs"
Alfred P. Sloan Foundation, $30,000

Javier Cervantes (Student Life)
"S.T.A.R.S. (Students Together Are Reaching Success) Mentoring Program FY12"
Siragusa Foundation, $15,000

John Danford (Political Science)
"The David Hume Forum"
The Veritas Fund, $2,000

Christine George (CURL)
"Evaluation of the 100,000 Initiative"
AIDS Foundation of Chicago, $10,000

Aaron Greer (School of Communication) Co-PI: **John Goheen** (School of Communication)
"11.11.11: A Day in the Life of America's Veterans"
Tawani Foundation, $49,500

Donald Heider (School of Communication)
"High School Partnerships"
McCormick Foundation, $14,672

Diane Morrison (Education)
"Opening Doors to All/Big Shoulders"
Big Shoulders Fund, $10,000

Andrew Radde-Gallwitz (Theology)
"Travel Stipend for Academic Lecture"
The John Templeton Foundation, $10,000

Rachel Shefner (Center for Science and Math Education)
"CSME Proposal to Fry Foundation"
Lloyd A. Fry Foundation, $36,000

Rachel Shefner (Center for Science and Math Education)
"Supporting Middle Grades Science Instruction in Chicago Catholic Archdiocese Schools"
Searle Family Foundation, $200,288

Rachel Shefner (Center for Science and Math Education) Co-PI: **David Slavsky** (Center for Science and Math Education)
"Area 10 Science Leaders Project"
Chicago Community Trust, $300,000

Welcome New Faculty!

The Graduate School and the Office of Research Services would like to extend a warm welcome to the following full-time faculty who joined Loyola in Fall 2012:

Ana Croegaert, Anthropology
Elizabeth Olson, Anthropology
Ruth Gomberg-Munoz, Anthropology
James Lodolce, Biology
Daniel Killelea, Chemistry
Robert Yacobellis, Computer Science
Deborah Baskin, Criminal Justice
Tham Hoang, CUERP
Reuben Keller, Environmental Science
Hae mi Choi, Finance
Amy Wilkinson, Fine and Performing Arts
Elizabeth Shermer, History
Kyle Roberts, History
Michelle Nickerson, History
Stephen Schloesser, History
Dennis Nirtaut, HRIR
Changwon Lim, Math and Statistics
Danut Arama, Math and Statistics
Loretta Bartolini, Math and Statistics
Marian Bocea, Math and Statistics
Mario Borha, Math and Statistics
Olivia Edelman, Modern Languages
David Ensminger, Education
Georgianna Martin, Education
Kristin Davin, Education
Lara Smetana, Education
Marlon James, Education
Tavis Jules, Education
Atanu Das, Law
Juan Perea, Law
Kathleen Hirsman, Law
Matt Sag, Law
William Herbert, Law
Thomas Regan, Philosophy
David Doherty, Political Science
Twyla Blackmond Larnell, Political Science
Edward Flores, Sociology
Nicholas Hayward, Textual Studies and Digital Humanities
Hans Svebakken, Theology

We wish you the best in your academic endeavors and thank you for your contributions to scholarship at Loyola.

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DATE

2012 National Science Foundation
Spring Regional Conference

MARCH 19 – 20, 2012

CO-HOSTED BY
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Details about the Chicago conference will be coming soon to the website.

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LOYOLA UNIVERSITY CHICAGO

6525 North Sheridan Road
Granada Center
Suite 400
Chicago, IL 60626

Phone 773.508.2471
Fax 773.508.8942
Email ors@luc.edu
http://www.luc.edu/ors/

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