LOYOLA UNIVERSITY CHICAGO

Research Update

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OFFICE OF RESEARCH SERVICES

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ORS NEWS

Increase in Faculty Grant Submissions and Funded Proposals

As announced at the Faculty Convocation and in the ORS Annual Report (http://luc.edu/media/ lucedu/ors/pdfs/research/FY12report.pdf), faculty grant submissions in FY 2012 were increased by 23% from the prior year. The total value of grant proposals submitted to external agencies was \$73.4 million, \$17 million more than last year and about \$12 million above the 5-year average.

The number of proposals that were funded was up 12%. Most of the funded awards went to faculty from (in descending order): Education, the Center for Science and Math Education, Social Work, Chemistry, Biology, and Psychology. Research awards accounted for 52% of total awards, exceeding last year's proportion of 41% and the five year average of 42%. Further, 52% of awards received were from the Federal government, the highest in the last five years.

Congratulations faculty!

Proposal Writing Workshop – All Faculty Welcome

"Breaking through the Barriers to Writing Proposals"
Robert Lucas, PhD, Director of the Institute for Scholarly Productivity, San Luis Obispo, CA
Tuesday, October 30, 12:30 – 4:30 PM
McCormick Lounge, Coffey Hall, LSC

The first segment of this workshop will focus on the barriers to academic writing and what to do about them; the second will apply the principles to writing good research proposals. *About the Speaker*: Robert Lucas formerly served as the Associate Vice President for Graduate Studies, Research, and Faculty Development at Cal Polytech, has over 25 years of experience in research development, and is the author of over 90 articles, chapters and books.

A box lunch will be provided at 12:00. To ensure an on-time start and minimize disruption to the speaker, <u>if you are having a box lunch, please come at 12:00</u> and lunch with your colleagues. *Space is limited*, so please RSVP to Stephanie Augustine by Oct. 17 at 8-2471 or <u>saugustine@luc.edu</u>. This workshop is sponsored by ORS and the Graduate School.

Spring Semester RCRS Training

As previously reported and in accordance with federal regulations, LUC has implemented a Responsible Conduct in Research and Scholarship (RCRS) program that incorporates education on research integrity and ethics into a formal curriculum. Any member of the LUC community (faculty, staff, or student) who is planning to conduct formal research may be required by the RCRS policy 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. This includes graduate students who conduct formal research as part of their program or degree requirements.

UNIV 370 provides participants with a strong foundation of basic ethical principles and professional standards that serve as a basis for academic and professional development. Topics include Core Instructional Areas identified by the Office of Research Integrity critical to research

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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/Newsletters.shtml.

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activities as well as those of value to scholars here at LUC.

Register in LOCUS for the "Spring 2013 Term": UNIV 370 January 10th and January 11th, 2013 to be held on the 4th floor of the Klarchek Information Commons.

For more information contact Andrew Ellis at 773-508-2689 or aellis5@luc.edu. For further details about the RCRS policy and to view the course syllabus go to http://www.luc.edu/ors/RCRHome.shtml.

CENTERS OF EXCELLENCE NEWS

Center for the Catholic Intellectual Heritage (CCIH)



DCCIRP Conference Participants in Rome.

DCCIRP Concludes. The Joan and Bill Hank Center for the Catholic Intellectual Heritage (CCIH) concluded its three-year 'Democracy, Culture, and Catholicism International Research Project' with a closing Conference at the Pontifical Gregorian University in Rome, June 17-21, 2012. Thirty-one project scholars associated with Jesuit universities and communities in Indonesia, Lithuania, Peru, and the United States gave final drafts of research papers that will be published in book form by Fordham University Press. Conference highlights included keynote speeches by Dr. Miguel Diaz, US Ambassador to the Holy See, and Renato Raffaele Cardinal Martino, President Emeritus of the Vatican's Pontifical Council for Justice and Peace.

IJEP Initiated. The Higher Education Secretariat of the Society of Jesus proposes a three-year International Jesuit Ecology Project (IJEP) which will create an online Living Text that addresses select environmental challenges from an integrated scientific, moral, and spiritual perspective. The project will be co-directed by the founding director of CCIH, Michael Schuck, and Loyola University Vice-Provost Nancy Tuchman, Ph.D., and eventually housed in the new Institute for Environmental Sustainability. The IJEP will include several faculty from Loyola University Chicago as well as leading experts in science, ethics, and spirituality from throughout the Society of Jesus' six world regions: Africa, Asia Pacific, Europe, Latin America, North America, and South Asia. When approved, the Living Text will be uploaded onto a prepared internet platform and made available to teachers and students in Jesuit institutions of higher education and secondary schools worldwide.

Center for the Human Rights of Children (CHRC)



Briefing panelists (left to right) Dr. Deborah Baskin, Laurel Bellows, Esq., Judge Virginia Kendall. Dr. Katherine Kaufka-Walts. Diane Geraghty, Esq.

Children's Rights Issue Briefing: "Raising Awareness: The Hidden Epidemic of Child Trafficking in the United States"

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On September 10, 2012, the Center for the Human Rights of Children, in collaboration with the Civitas ChildLaw Center and the Department of Criminal Justice and Criminology, hosted an educational forum to help advance our understanding of the unique issues facing child trafficking victims in the United States. Keynote Speaker, Laurel Bellows, Esq., President, American Bar Association (Loyola SOL alumni), discussed

the state of child trafficking and emphasized the vital role of community members in addressing this systemic crisis.

Speakers also included Honorable Virginia Kendall, Judge, Northern District of Illinois (Loyola SOL alumni); Katherine Kaufka

Walts, JD, Director, Center for the Human Rights of Children, Loyola University Chicago; and Dr. Deborah Baskin, PhD, Professor and Chair, Department of Criminal Justice and Criminology, Loyola University Chicago.



Presentations covered systemic gaps, policies, current state of research, and promising practices. Attendees included leaders and representatives from various organizations, such as the Circuit Court of Cook County, Department of Family and Support Services, Cook President Laurel Bellows County State's Attorney's Office, and the Office of Senator Durbin, philanthropy organizations, delivers the Keynote and social and legal service providers.

FUNDING NEWS

NSF and European Commission Establish New Collaboration Opportunities for Early Career Scientists

The U.S. National Science Foundation (NSF) and the European Commission (EC) today signed an Implementing Arrangement to provide opportunities for NSF-funded early career scientists and engineers to pursue research collaborations with European colleagues supported through the European Research Council (ERC) awards. The agreement supports collaborations on specific projects while leveraging research funding and fostering lasting collaborations between European and U.S. researchers.

More at http://www.nsf.gov/news/news summ.jsp?cntn id=124845&WT.mc id=USNSF 51&WT.mc ev=click

National Science Foundation Realignment Plans

The National Science Foundation (NSF) yesterday announced plans to realign four program offices in the Office of the Director to maximize research and education outcomes for science and engineering, while enhancing NSF's operational agility. The proposed organizational changes include:

- The Office of Cyberinfrastructure would become a division within the Directorate for Computer and Information Science and Engineering.
- The Office of Polar Programs would become a division within the Directorate for Geosciences.
- The Office of International Science and Engineering would be merged with the Office of Integrative Activities, and the combined unit would become the Office of International and Integrative Activities.

Pending fulfillment of any statutory or other obligations, the transition to the realigned organization would begin October 1, 2012.

Where NSF is Going & How It Will Get There

By Mike Cronan, co-publisher of Research Development & Grant Writing News

If you want to understand the continuously evolving vision, culture, mission, and hence investment priorities, of the National Science Foundation, *which you do because it is a key factor in your competitiveness at that agency*, it helps to recognize the IGERT as a microcosm of the agency. Both NSF and IGERT (*Integrative Graduate Education and Research Traineeship*) have evolved dramatically over the past several years and share a focus on transformative, interdisciplinary research and graduate education that occurs at disciplinary boundaries and intersections rich with *the potential for* technology *development, innovation, and commercialization*.

If you want to peek into the soul of NSF, so to speak, you need go no further than to the <u>IGERT 2012 Annual PI Meeting</u> (http://www.igert.org/meeting2012) held May 30-June 1, 2012. The one-hour Welcome Session (video download at above URL) given by Subra Suresh, Director of the National Science Foundation, Joan Ferrini-Mundy, Assistant Director, Directorate of Education and Human Resources, and Ram Ramasubramanian, IGERT Program Director, represent one of the best 60-minute investments you could make in decoding the NSF vision for research and education in the university environment, particularly the OneNSF environment where, as Suresh observed, "**boundaries are porous**" and NSF "**is benchmarking to a global research environment**." See National Science Foundation Hosts Inaugural Global Summit on Merit Review, May 15, 2012.

Suresh delivers most of the 60-minute presentation followed by a Q&A session with IGERT PIs. His comments represent a roadmap of NSF's future landscape—where it is going, why it is going there, how it will get there, and the singular role of university research and education in that process.

The Suresh overview of NSF at the IGERT PI conference offers a broad description of that agency at the intersection of a new era in science, one in which NSF invests in "two buckets": (1) observation (theory, experiment, computation, and "citizen science"; and (2) data and information (provides the infrastructure for new knowledge).

The value in the Suresh comments also lies in gaining a more nuanced understanding of the NSF trans-disciplinary culture (e.g., *Creative Research Awards for Transformative Interdisciplinary Ventures*). For example, one common struggle in developing and writing proposals to NSF for the many programs that require an integration of the physical sciences with the social and behavioral sciences lies in integrating those research components to demonstrate synergy and value-added benefits. In many cases, the engineering and science and the social and behavioral science components of research grants requiring attention to societal dimensions or societal impacts are poorly integrated, appearing to be isolated sections of the proposal rather than descriptions of truly integrated disciplines. This failure to integrate can often be the Achilles Heel of proposals seeking funding.

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In addressing the need for research partnerships between the physical and social sciences, Suresh cited the case of the Center for Analysis and Prediction of Storms (CAPS) Established at the University of Oklahoma in 1989 as one of the first 11 National Science Foundation Science and Technology Centers, CAPS' mission was and remains the development of techniques for the computer-based prediction of high-impact local weather, such as individual spring and winter storms. Suresh recalled a conversation with the CAPS director where Suresh noted that, after 25 years of NSF funding, people were still dying in Oklahoma from tornadoes. The director's response, Suresh noted, captured the essence of why NSF believes that science and engineering research will fall short of exercising its fullest impact without the involvement of the social, behavioral, and economic sciences.

Suresh paraphrased the director's response: "It is not the inability to predict tornados that causes deaths so much as the inability to predict people's responses to warnings of tornados." Anyone who has worked on an NSF proposal struggling to capture the synergy sparked at the intersection of the physical and the social sciences will recognize the crisp insight of this remark that conveys the urgency of achieving an integrated rather than an isolated narrative.

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Beware of Grant 'Truisms' that are Likely All Wrong

Often times, there are certain beliefs that have been around for so long that everyone assumes that they are true. When it comes to federal grants management, their existence can often be the basis for administrative burden, increased cost, and organizational conflict. So, it behooves those working for organizations that are recipients or sub-recipients of federal assistance awards to go back occasionally and take a closer look at what the federal rules actually say. Some prominent "truisms" worth debunking are included below:

Federal rules require you to obtain three bids when you purchase goods or services using grant funds. Actually, the administrative policies issued by Office of Management and Budget in Circular A-110 never mention the number of bids or offers that an organization must obtain. Instead, it says that procurements must be conducted "in a manner to provide, to the maximum extent practical, open and free competition" (2 CFR 215.43). So, where does the notion of three bids come from? It likely comes from the policies and procedures of recipients and sub-recipients themselves who recognize that obtaining at least that many bids or offers reduces (but does not eliminate) the likelihood of collusion among potential contractors.

Property purchased with federal grant funds is "government property." Once again, a review of the Circular A-110 administrative requirements reveals the truth. The sections on real property, equipment, and supplies (2 CFR 215.32, 215.34, and 215.35) state that, with very limited exceptions, title to any of these types of property vests with the recipient or sub-recipient that carries out the purchase. On the other hand, the terms "federally owned property" and "government-furnished property" are used when property that was purchased by the federal government, and which it continues to own, is provided to a nonfederal party for use during the duration of a federal award. While this situation does arise in federal grants and cooperative agreements, it is not common. Organizations that receive federal contracts are much more likely to encounter such "government property." If an institution wants to test the truth of the matter, just suffer loss, damage, or theft of the property and see who is liable for it.

The cost of advertising is unallowable OR the cost of lobbying is unallowable. It might be helpful if the federal cost principles for various types of performers of federal grants or sub-grants could be digested down to two simple lists: one for the costs that are always allowable and another for those that are always unallowable. But it's just not that simple — most of the costs listed in Circular A-21 (2 CFR 220) fall into a category that could be accurately labeled "allowable under certain circumstances." Such details could involve approval by the awarding agency, or they could relate to how the cost activity is defined or to other specific facts and circumstances. Thus, a closer look at the advertising cost principle shows, for example, that the routine costs of advertising for staff recruitment and procurement or disposal of assets are allowable. And a similar examination of "lobbying" reveals that award-specific lobbying costs are always unallowable by federal statute, but language in the circular provides that some limited types of other government relations activities are actually permitted.

Sometimes Grant-Acquired Property Is Exempt. Where statutory authority exists, an awarding agency may exempt or exclude property acquired with federal funds and vest complete title in the recipient without any further obligations to the federal government and under conditions the federal agency considers appropriate. In their implementations of OMB Circular A-110, the following agencies have declared that property purchased under their grants and cooperative agreements is defined as exempt and subject to no further requirements: NSF, Public Health Service (including NIH), and the Office of Naval Research. A list of federal

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agencies that have implemented Circular A-110 appears at www.whitehouse.gov/omb/grants_chart.

Link to circulars: www.whitehouse.gov/omb/grants_circulars.

(from Federal grants news July/August 2012: managingfederalgrants@aispub.com)

OTHER NEWS

International Collaboration Key to Science and Engineering Globalization

International collaboration is a key aspect of the globalization of science and engineering. A recent report and data evaluation released by the National Science Foundation (NSF) showed that one in six scientists and engineers in the United States reported working with individuals in other countries in a given week. International collaboration was more likely to occur among persons working in the for-profit sector, men, and those with higher levels of educational attainment. Individuals who earned postsecondary degrees both in the United States and abroad reported the highest levels of international collaboration. More at http://www.nsf.gov/statistics.international.collaboration

Notes from the Director

This summer the National Research Council released a report, "Research Universities and the Future of America: Ten Breakthrough Actions Vital to Our Nation's Prosperity and Security," that received quite a bit of attention at the time. Whether or not any of the "breakthrough actions" will be implemented is anybody's guess. The report, as you might expect, refers prominently to Vannevar Bush's 1945 "Science: The Endless Frontier," in which increased government support for university research was promoted. The argument that Bush made was, simplistically put, that (1) applied research and development by the U.S. helped win the war, (2) applied research is predicated on basic research, (3) the applied research the U.S. used followed mainly on basic research coming out of Europe, (4) the U.S. shouldn't be dependent on others, therefore (5) we need to foster basic research. The idea was that the practical benefits of such research would arise

naturally but indirectly. Thus was born the National Science Foundation.

The current NRC report is also worried about non-US activities, but now the threat is not dependency but lack of competitiveness. Many of the ten recommendations deal with lessening regulatory burdens and in general putting the university-government relationship on a more businesslike foundation. The main idea seems to be: the U.S. research university can be an engine of productivity (contributing to global economic competitiveness) if the government concerns itself less with compliance and more with specific expectations and return on investment. The contrast with the Bush recommendation is guite striking.

-Bill Sellers

SYMPOSIA, CONFERENCES, AND UPCOMING EVENTS

October 26-31, 2012	75th Annual Meeting of the American Society for Information Science and Technology: Information, Interaction, Innovation - Celebrating the Past, Constructing the Present, and Creating the Future, Balti- more, USA (<u>http://www.asis.org/asist2012/</u>)
November 1-4, 2012	10th International Conference on Transformative Learning - A Future for Earth: Re-Imagining Learning for a Transforming World, San Francisco, USA (<u>http://meridianuniversity.edu/index.php/about-the-conference</u>)
November 17-19, 2012	4th International Conference on Science in Society, Berkeley, California, USA (<u>http://science-society.com/conference-2012/</u>)

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January 13-14, 2013	9th International Conference on Technology, Knowledge, and Society: Organize, Challenge, Re-Imagine - New Media and Social Movement, Vancouver, Canada (<u>http://techandsoc.com/2012/02/02/ninth-</u> international-conference-on-technology-knowledge-and-society/)
January 25-27, 2013	The 2013 Bangkok International Conference on Social Science aims to provide a forum for researchers, practitioners, and professionals from the industry, academia and government to discourse on research and development, professional practice in social science. (www.bicss.org)
February 3-4 2013	Ethical Engagement with Globalization, Citizenship and Multiculturalism: Multidisciplinary Perspectives: The primary focus of this conference is on the relationship between our notions of citizenship within a globalized world, and the means by which universalistic and/or particularistic ethical systems and structures "fit" into a multicultural globe. Texas A&M University at Qatar. (http://www.h-net.org/announce/show.cgi? ID=196718)
February 5-8, 2013	XIX International Conference of the Society for Human Ecology jointly with IV International Conference on Sustainability Science in Asia - Decisions that Work: Linking Sustainability, Environmental Responsibility and Human Well-being, Canberra, Australia (<u>http://societyforhumanecology.org/she-xix-2013-canberra-australia/</u>)
March 7, 2013	Call for Presentations: The main aims of the 3rd Global Conference Experiential Learning in Virtual Worlds conference are to increase our understanding of experiential learning in virtual worlds, both formal and informal, to share experience and best practice, and to debate future possibilities for learning in virtual worlds. Lisbon, Portugal. (www.inter-disciplinary.net/at-the-interface/education/experiential-learning-in-virtual-worlds/call-for-papers/)
March 7, 2013	"The 3rd Global Conference Spirituality in the 21st Century conference seeks to expand the range of ideas, fields, and locales of Spiritual work for the 3rd Global Conference. Papers are welcomed from any area, profession and/or vocation in which Spirituality plays a part. (www.inter-disciplinary.net/critical-issues/ethos/spirituality-in-the-21st-century/call-for-papers/)"
March 10, 2013	Call For Presentations: 14th Global Conference: Perspectives on Evil and Human Wickedness. In wrestling with evil(s) we are confronted with a multi-layered phenomenon which invites people from all disciplines, professions and vocations to come together in dialogue and wrestle with questions that cross the boundaries of the intellectual, the emotional and the personal. Lisbon, Portugal. (<u>www.inter-disciplinary.net/at-the-interface/evil/perspectives-on-evil/call-for-papers/</u>)
March 10, 2013	Call For Presentations: The 5th Global Conference: Hope aims to explore the nature of hope, its relationship with other emotions or movements, and its manifestation in the actions of individuals, cultures, communities and nations. Lisbon, Portugal. (<u>www.inter-disciplinary.net/probing-the-boundaries/persons/hope/call-for-papers/</u>)
March 13, 2013	Call For Presentations: The inter- and multi-disciplinary conference, 5th Global Conference Digital Memories, aims to examine, explore and critically engage with the issues and implications created by the massive exploitation of digital technology. Lisbon, Portugal. (<u>www.inter-disciplinary.net/critical-issues/cyber/</u> <u>digital-memories/call-for-papers/</u>)
March 13, 2013	Call For Presentations: 2nd Global Conference: Sins, Vices and Virtues. This interdisciplinary conference seeks a new, provocative, intercultural perspective on some enduring truths concerning virtues and vices, sins and transgressions. Lisbon, Portugal. (www.inter-disciplinary.net/at-the-interface/evil/sins-vices-and- virtues/call-for-papers/)
March 16, 2013	Call for Presentation: 8th Global Conference: Pluralism, Inclusion and Citizenship. This multi-disciplinary project seeks to explore the new developments and changes of the idea of pluralism and their implications for social and political reform. Lisbon, Portugal. (<u>www.inter-disciplinary.net/at-the-interface/diversity-recognition/pluralism-inclusion-and-citizenship/call-for-papers/</u>)

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Continued from page 6 March 18-19, 2013 The National Humanities Alliance (NHA) will hold its 2013 Annual Meeting and Humanities Advocacy Day. Pre-meeting sessions are tentatively scheduled to begin the afternoon of Sunday, March 17. Additional meeting information, including online registration, will be available on the NHA website this fall. Washington, DC. (http://www.nhalliance.org/news/national-humanities-alliance-2013-annual-meeting-h.shtml) Fourteenth Mediterranean Research Meeting, "Guardians or Oppressors: The Military-Civil Relations and March 20, 2013 Democratization in the Mediterranean Littoral" is organized around 15 workshops that will investigate civilmilitary relations in the Mediterranean. Mersin, Turkey. (http://goo.gl/S44yR) 43rd Annual Urban Affairs Association Conference: Building the 21st Century City: Inclusion, Innovation, April 3-6, 2013 and Globalization. Taking San Francisco as an exemplary case, the 2013 conference asks urban scholars to share the ways in which governments, residents, neighborhood groups, non-profits, and others have improved urban areas across the globe. San Francisco, CA. (urbanaffairsassociation.org/pdfs/2013call.pdf) Call for papers: Conable Conference in International Studies: Gender, Violence, and Justice in the Age of April 4-6, 2013 Globalization. The organizing committee is soliciting proposals for the 2013 conference. Rochester, NY. (www.lawrance.org) "Post-democracies: Interdisciplinary Engagements After the Democratic Ideal." Drawing together experts April 4-6, 2013 from diverse disciplines to address these issues; from those who have witnessed 'post-democracy' first hand in their fieldwork, to those deeply skeptical about the concept, this conference will be a landmark event in opening up a critical study of 'post-democracies' in their many scales and forms. Cambridge, England. (www.crassh.cam.ac.uk/events/2068/) The National Endowment for the Humanities' (NEH) Office of Digital Humanities, National Library of Medi-April 10-12, 2013 cine (NLM), Maryland Institute for Technology in the Humanities of the University of Maryland, and Research Councils UK, will be a part of "Shared Horizons: Data, Biomedicine, and the Digital Humanities," an interdisciplinary symposium exploring the intersection of digital humanities and biomedicine. College Park, MD. (http://www.mith.umd.edu/sharedhorizons/) Call for Presentations: The 11th Global Conference: Violence aims to bring together people from a wide May 9, 2013 range of disciplines to contribute to the body of thought which seeks to understand the nature and causes of this endemic feature of society. Prague, Czech Republic. (www.inter-disciplinary.net/probing-theboundaries/hostility-and-violence/violence/call-for-papers/)

Recent Awards: Government Funding

(Grants awarded 7/1/2012 - 9/30/2012)

 Diane Asaro (Wellness Center (Student Health Services)) Co-PI: Stephanie Atella (Wellness Center (Student Health Services)) "OVW FY 2012 Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus Program" U.S. Department of Justice, \$270,000 Samuel Attoh (Graduate School) Co-PI: Patricia Mooney- 	Martin Berg (Biology) "Prey Availability for Nesting Rusty Blackbirds on the Copper River Delta, Alaska" U.S. Forest Service, \$100,000 Patrick Boyle (Political Science) "Study Abroad Program for US Undergraduates in Vietnam Focused on Studies in Environmental Sciences" U.S. Department of State, \$225,000
Melvin (Graduate School) CO-FI: Patricia Hooney- Melvin (Graduate School) "Diversifying Higher Education Faculty in Illinois (DFI) 2012-2013" Illinois Board of Higher Education, \$70,500 Miguel Ballicora (Chemistry) "Synthesis of Glycogen in Bacteria and Starch in Plants: ADP-glucose pyrophosphorylase Structure-Function Relationship Studies" National Science Foundation, \$163,541	 Jacob Ciszek (Chemistry) "CAREER: Control of Substrate Electronic States via Photochromic (Switching) Molecular Adsorbates" National Science Foundation, \$220,958 David Crumrine (Center for Urban Environmental Research and Policy) Co-PI: Lane Vail (Center for Urban Environmental Research and Policy), Shane Lishawa (Center for Urban Environmental Research and Policy) "Developing Biological Systems to purify Biodiesel Wastewater" Environmental Protection Agency, \$14,999

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Kristin Emery (Women's Studies) "Mundelein College Audiovisual Digitization Project" Illinois State Historical Records Advisory Board/ Illinois State Archives, \$5,000 Jan Florian (Chemistry) "DNA Polymerase Replication Fidelity: Theory and Experiment" National Cancer Institute, \$75,449 Noni Gaylord-Harden (Psychology) "Development of an Intervention to Improve Academic Outcomes for Low-Income Urban Youth through Instruction in Effective Coping Supported Mentoring Relationships" Institute of Education Sciences, \$9,789 Leanne Kallemeyn (Education) "External Evaluation of the American Dreams Project" U.S. Department of Education, \$34,170 Reuben Keller (Environmental Science) "Preventing Invasions from Trade in Live Aquatic Organisms" U.S. Fish & Wildlife Service, \$47,238 **Reuben Keller** (Environmental Science) "Addressing AIS in Illinois through Outreach and Planning: Creating a Database of Illinois AIS occurrences, and Revising the Aquatic Nuisance Species Management Plan" Illinois Department of Natural Resources, \$16,954 John Kelly (Biology) "Influence of Algal/Bacterial Interactions on Denitrification in Stream Biofilms" National Science Foundation, \$42,000 John Kelly (Biology) Co-PI: Christopher Peterson (Environmental Science) "RAHSS: The Unintended Ecological Consequences of Nanomaterials: Effects of Nanotitania in Benthic Systems" National Science Foundation, \$5,000 Edward Moore (Financial Assistance) "Federal Student Education Opportunity Grant (FSEOG) FY 2013" U.S. Department of Education, \$3,975 Edward Moore (Financial Assistance) "Federal Work Study (FWS) FY 2013" U.S. Department of Education, \$1,915,043 Edward Moore (Financial Assistance) "Federal Student Education Opportunity Grant (FSEOG) FY 2013" U.S. Department of Education, \$798,778

Recent Awards: Private Funding

(Grants awarded 7/1/2012 - 9/30/2012) (Some proposals to private organizations are coordinated with Corporate and Foundation Relations)

Samuel Attoh (Graduate School) Co-PI: Patricia Mooney-Melvin (Graduate School) "Diversifying Higher Education Faculty in Illinois (DFI) 2012-2013" Illinois Board of Higher Education, \$70,500

Ken Olsen (Chemistry) "Research Experiences for Undergraduates" National Science Foundation, \$82,125 David Prasse (Education) "Teaching With Primary Sources" Library of Congress, \$137,000 David Prasse (Education) "Principal Preparation Program" Chicago Public Schools, \$120,000 Maryse Richards (Psychology) "Predictors and Profiles of Antiretroviral Therapy among African-American Male Adolescents and Young Adults Behaviorally Infected with HIV: A Classification Tree Analysis" National Institutes of Health, \$28,862 Rachel Shefner (CSME) "Supporting Middle Grades Science Professional Development in CPS: Content, Curriculum, Coaching and Using Data" Illinois Board of Higher Education, \$275,934 Peter Tingley (Math & Statistics) "Affine Crystals: Cominatorics, Algebra and Geometry" National Science Foundation, \$135,162 Darrell Wheeler (Social Work) "HIV Prevention Trials Network Protocol Co-Chair/HPTN 061" National Institute of Allergy and Infectious Diseases, \$22.879 Kim Williamson (Biology) "Targeting P. falciparum gametocytes for drug development" National Institute of Allergy and Infectious Diseases, \$208,100 David Yellen (Law) "PROLAW Scholarship for Students from Mexico (NAS)" U.S. Department of State, \$54,140 David Yellen (Law) "PROLAW Scholarship Georgia/Baratashvili (S-GE800-12-GR-134)" U.S. Department of State, \$54,940 David Yellen (Law) "PROLAW Scholarship Georgia/Kusikashvili (S-GE800-12-GR-135)" U.S. Department of State, \$54,940

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

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M Grace Calhoun (Athletics) "Academic Enhancement Fund" National Collegiate Athletic Association, \$68,870 David Chinitz (English) "The Complete Prose of T.S. Eliot, vol. 6:1940-1946" American Council of Learned Societies, \$65,000 Gina Coffee (Education) "Puberty Education and Teen Sexual Health: A Process Evaluation" Robert Crown Centers for Health Education, \$40,000 **Stephen Doty** (Math & Statistics) "Generalized (q)-Schur algebras and Representation Theory" Simons Foundation, \$7,000 Kristin Emery (Women's Studies) "Mundelein College Audiovisual Digitization Project" Illinois State Historical Records Advisory Board/ Illinois State Archives, \$5,000 Maria Guzman (CURL) Co-PI: Philip Nyden (CURL) "Undocumented Student Policy Paper Dissemination" Ford Foundation, \$17,333 Maria Guzman (CURL) Co-PI: Philip Nyden (CURL) "Undocumented Student National Policy Paper" Ford Foundation, \$2,500 Timothy Hoellein (Biology) "The Influence of Oyster Restoration on Nitrogen Cycling in the Hudson-Raritan Estuary" Hudson River Foundation, \$49,272 Laurie Jordan (CSME) Co-PI: David Slavsky (CSME) "Professional Development in Mathematics for the Archdiocese of Chicago" Archdiocese of Chicago, \$9,409 Leanne Kallemeyn (Education) "Research Consultation for Fussy Baby Network Gulf Initiative" Erikson Institute, \$4,500 Katherine Kaufka Walts (Center for the Human Rights of Children) "Legal Services Assessment for Child Trafficking Survivors" Chicago Bar Foundation, \$2,500 **Reuben Keller** (Environmental Science) "Addressing AIS in Illinois through Outreach and Planning: Creating a Database of Illinois AIS occurrences, and Revising the Aquatic Nuisance Species Management Plan" Illinois Department of Natural Resources, \$16,954 **Diane Morrison** (Education) "Opening Doors to All/Big Shoulders" Big Shoulders Fund, \$10,000 Lorraine Ozar (Education) "Brach-Funding Solutions for Catholic Schools Research Initiative" Helen Brach Foundation, \$50,000

David Prasse (Education) Co-PI: Lee Hubbell (Education) "LUC Choice-Brach 2012" Helen Brach Foundation, \$50,000 David Prasse (Education) "The Formative Evaluation Coach Project" Lloyd A. Fry Foundation, \$100,000 David Prasse (Education) "Principal Preparation Program" Chicago Public Schools, \$120,000 Rachel Shefner (CSME) "Supporting Middle Grades Science Instruction in Chicago Catholic Archdiocese Schools" Searle Family Foundation, \$188,000 Rachel Shefner (CSME) "Support for Middle Grades Science in CPS" Polk Bros. Foundation, \$83,664 Rachel Shefner (CSME) "Middle Grades Science Leaders Project" Chicago Community Trust, \$300,000 Rachel Shefner (CSME) "Supporting Middle Grades Science Professional Development in CPS: Content, Curriculum, Coaching and Using Data" Illinois Board of Higher Education, \$275,934 Sadika Sulaiman Hara (Student Life) "S.T.A.R.S. (Students Together Are Reaching Success) Mentoring Program FY13" Siragusa Foundation, \$15,000 Katherine Tyson (Social Work) "Stand Up! Help Out! 2012-2015" After School Matters, \$24,269 Stacy Wenzel (CSME) "Budgeting for Results" Chicago Community Trust, \$10,000 Bridget Wesley (Provost) "Summer Enrichment at Loyola (SEaL) Program" BNSF Railway Foundation, \$2,500 Terry E Williams (Education) "An Exploration of Current Practices in Curricular Design of Resident Assistant Training Programs" National Association of Student Personnel Administrators (NASPA), \$ 500 David Yellen (Law) "Rule of Law, Rome Center" Bill & Melinda Gates Foundation, \$700,000 David Yellen (Law) "PROLAW Scholarship Georgia/Kvirikashvili" German Academic Exchange Service (DAAD), \$11,678

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

Kenton Foutty, Accounting Kevin Lee, Accounting Noah Butler, Anthropology Deirdre Guthrie, Anthropology Kristin Krueger, Anthropology Thea Strand, Anthropology Rodney Dale, Biology Diane Jokinen, Biology Crystal Magle, Biology Jennifer Mierisch, Biology Hui Ye, Biology Linda Brazdil, Chemistry Chad Eichman, Chemistry Agnes Orlof, Chemistry Zachary Osner, Chemistry Edith Livermore, Classics Seung-Chul Yoo, Communication Gerald Nora, Criminal Justice & Criminology Kate Biderbost, Fine & Performing Arts Kelli Evans, Fine & Performing Arts Rachel Healy, Fine & Performing Arts Jennifer Murray, Fine & Performing Arts Vesna Cejovic, Education Eilene Edejer, Education Kelly Neville, Education Aimee Papola, Education OiYan Poon, Education Amy Shuffelton, Education Susan Sostak, Education Charles Tocci, Education Aaron Baker, English Julia Daniel, English Laura Goldstein, English Douglas Guerra, English Steven Masello, English Kevin Quirk, English Virginia Strain, English Veer Bala-Chaudhary, Environmental Science Kelly Garbach, Environmental Science Stephen Mitten, Environmental Science Tania Schusler, Environmental Science Aidan Forth, History Elliott Gorn, History Elizabeth Matelski, History Elizabeth Shermer, History Christopher Whidden, Honors Program Serhat Cicekoglu, ISOM Melissa Browning, Institute for Pastoral Studies Brian Schmisek, Institute for Pastoral Studies Insa Blanke, Law

Alexandra Fung, Law James Gathii, Law . Zelda Harris, Law Daniel Heidtke, Law Miranda Johnson, Law Marek Martyniszyn, Law Amy Meek, Law In Hyeock-Lee, Management, Business Amy Kyhos, Management, Business Lauren Labrecque, Marketing, Business Aaron Greicius, Mathematics & Statistics John Houlihan, Mathematics & Statistics Bret Longman, Mathematics & Statistics Emily Peters, Mathematics & Statistics Cristina Popovici, Mathematics & Statistics Peter Tingley, Mathematics & Statistics Reinhard Andress, Modern Languages & Literatures Bernardita Llanos, Modern Languages & Literatures Cristina Lombardi-Diop, Modern Languages & Literatures John Merchant, Modern Languages & Literatures Vicki Bacidore, Nursing Emily Chin, Nursing Jennifer Gambon, Nursing Leann Horsley, Nursing Nadine Parise, Nursing Thomas Derdak, Philosophy Peter Hartman, Philosophy Brandon Morgan-Olsen, Philosophy Jason Rheins, Philosophy Carolyn Martsberger, Physics Robert Polak, Physics Alexandru Balas, Political Science/International **Studies Program** Steven Davis, Psychology Perla Gamez, Psychology Jeffrey Huntsinger, Psychology Catherine Santiago, Psychology Ilan Shrira, Psychology Stephan Steidl, Psychology Jeanne Widen, Continuing & Professional Studies Michael Dentato, Social Work Christie Mason, Social Work Peter Rosenblatt, Sociology David Creech, Theology Colby Dickinson, Theology Paolo Gamberini, Theology Bret Lewis, Theology Michael Murphy, Theology

We wish you the best in your academic endeavors and thank you for your contributions to scholarship at Loyola. [If we've made a mistake in this list, please contact us at ors@luc.edu.]

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