

Research Update

Office of Research Services

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William Sellers, PhD
Director

Inside this issue:

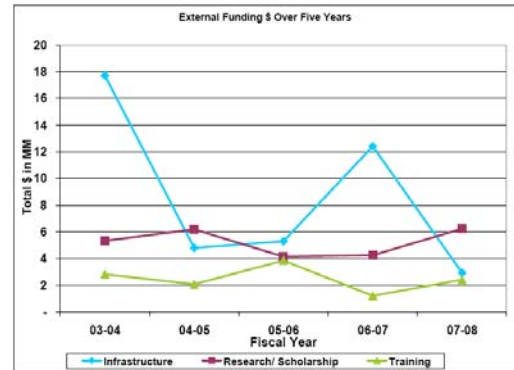
New Internal Awards	2
Agency News	2
Centers of Excellence	3
Technology Transfer Funds	3
Human Subjects Training	4
Recent Awards	4
Contact Us	7

Research Funding Rises Nearly 50% in a Single Year

Loyola researchers overcame the budgetary cutbacks that are plaguing many funding agencies, securing significantly more research funding last year than the previous year.

For the fiscal year ending June 30, 2008, lakeside campuses' faculty garnered a total of \$6,232,528 in external support for research, a 47% increase over the amount received during FY 2007 (\$4,253,998). Total external funding, encompassing research, training, and infrastructure support, declined from \$17.9M to \$11.6M during the same period, mainly because of fluctuations in amounts received for certain campus construction projects. The number of research awards also increased, from 52 to 56.

Sixty-three percent of external funding comes from federal sources, fifteen per-



cent from state government, and twenty-two percent from non-governmental sponsors (foundations, corporations, associations, and other universities).

Lakeside campuses' faculty are to be warmly congratulated for their continuing success!

Director's Notes: Welcome to the First ORS Newsletter!

Welcome to the inaugural issue of *Research Update*, to be published in the fall and spring semesters and which we hope you will find interesting and enlightening.

Each issue will keep you abreast of current issues and news related to the world of grants and contracts. We'll also publish a listing of recent awards received by faculty on the lakeside campuses.

And this issue will allow me to introduce myself as the new Research Services Director, having taken over from the retiring Donna Estler in May of last year. My basic goal as director is to confirm and strengthen the ORS commitment to assist

faculty and students at the Lake Shore and Water Tower campuses with externally funded research, training, and service projects—running the gamut from finding funding opportunities, helping prepare budgets, coordinating compliance with rules for human subjects and lab animals, submitting proposals, and administering awards. If at any time you have suggestions for how we can do a better job of helping you, please don't hesitate to contact me at 5-2478 or wsellers@luc.edu.

—Bill Sellers

“Two awards at a maximum level of \$30,000 per project will be allocated to research teams”

New Internal Awards Stimulate Student and Faculty Research

Associate Provost for Research Samuel Attoh recently announced two new internal award programs. These are in keeping with his emphasis on using internal grant funds to leverage external funding to the maximum extent.

The first new program is the Research Incentive Award for Graduate Students (RIAGS), under which \$300 will be given to any Loyola graduate student on the lakeside campuses who submits a proposal for external funding to a Federal or private agency, as well as a bonus award of \$1000 for any approved proposal.

The second new program is aimed at stimulating multidisciplinary research and building stronger partnerships with other

organizations and institutions. This year, two awards at a maximum level of \$30,000 per project will be allocated to research teams that are prepared to submit a multidisciplinary proposal to a nationally competitive funding agency. This support is intended to provide a basis for project development and pilot research, ultimately leading to independent funding. The deadline for this year's competition is December 5, 2008.

For additional information on all internal funding programs, please see <http://www.luc.edu/ors/internalfunding.shtml>.

News from Federal Agencies

The National Institutes of Health has issued a notice (NOT-OD-09-002) regarding the Continuing Resolution signed by President Bush at the end of September. As in the past when CRs have been used, NIH will make non-competing research grant awards at a level below that indicated on the most recent Notice of Award (generally up to 90% of the previously committed level).

Notice number NOT-OD-09-003 issued on October 8, 2008, states that “Beginning with original new applications (i.e., never submitted) and competing renewal applications submitted for the January 25, 2009 due dates and beyond, the NIH will accept only a single amend-

ment to the original application. Up until now NIH would let investigators submit two amended applications, called A1 and A2. This most emphatically does *not* mean that PIs should give up if they have submitted an “A1” and been rejected. As the Notice states, “Failure to receive funding after two submissions (i.e., the original and the single amendment) will mean that the applicant should substantially re-design the project rather than simply change the application in response to previous reviews.”

The National Science Foundation has published a new *Proposal & Award Policies & Procedures Guide* (available through the NSF website at www.nsf.gov). One major change is that the limitation on funded compensation to two months of summer salary has been

eliminated. Academic year salary for PIs and other senior project personnel can now be requested, though no more than two months in any one year.



Events and Initiatives at the Centers of Excellence

The Center for Ethics and Social Justice is piloting the innovative new Polis Program in philosophy, theology, and service-learning, a year-long set of team-taught courses. People interested in learning more should go to the Center for Ethics website: <http://www.luc.edu/ethics/>.

The Center for the Human Rights of Children is collaborating with the Gannon Center for the African Women in America Conference, "The Voice of African Children: the Mission of Women." On October 30, they hosted a fundraiser entitled, "Suffer the Children: the Nightmare of Immigration Politics."

The Center for Science and Math Education has worked with the School of Education to launch the new MEd in Science Education, with a specialization in chemistry teaching. They are also hard at work improving science and math education throughout Chicago.

The Center for Urban Environmental Research and Policy will be involved in the upcoming Hunger Week activities, and they recently named a new Sustainability Initiative Director. Dr. Marshall Eames, from the Department of Natural Science, will start his new position in January.

The Center for Urban Research and Learning is excited to announce the launch of their new e-journal, *Gateways: International Journal of Community Research and Engagement*. The journal is co-sponsored by the University of Technology Sydney Shopfront. Please visit <http://www.luc.edu/curl/uts/> for more information.

The Gannon Center for Women and Leadership sponsors many events during the fall quarter, including readings, discussion groups, and film screenings. Check out the full calendar of events at: http://www.luc.edu/gannon/.Fall_20081.shtml.

Loyola Receives Royalties from GlaxoSmithKline

The university recently received a check from GlaxoSmithKline (GSK) for \$689,000, in connection with inventions made more than ten years ago by three Loyola faculty members and a Loyola student.

The main U.S. patent is # 6,066,324 ("Carboxyl terminal of papilloma virus L1 region is not required for formation of virus-like particles"), and there are a number of foreign patent applications pending. The technology is currently licensed to GSK, and they have used it to develop a vaccine against papilloma viruses in humans (HPV). Sales in foreign countries have been very good, which accounts for the large royalty check just received. Sales in the U.S. are expected following FDA approval of the vaccine, which should be finalized next

year. In accordance with university patent policy, 50% of the net royalty income was shared with the inventors, who are no longer at Loyola.

ORS has entered into an agreement with TreMonti, Inc., to provide consultation on whether and how to pursue protection and commercialization of inventions made by faculty on the lakeside campuses. This agreement is similar to one that TreMonti already has with the medical center campus. If you think your research has or could result in a novel process, device, composition of matter, business method, or any kind of patentable "subject matter," please contact the ORS Director who can put you in touch with TreMonti for expert advice.

Human Subjects Research Training

ORS's
Compliance
Manager,
Rebekah Soule,
and the chair of
the Institutional
Review Board,
Toby Dye, offer
periodic training
for faculty and
students who use
human subjects
in their research.
If you would like
them to put on a
workshop for
your department
or team, please
contact Rebekah
at 8-2689 or
rsoule@luc.edu.

Recent Awards

Samuel Attoh, Graduate School Co-investigator: **Marcela Gallegos**

"Diversifying Higher Education Faculty in Illinois - 2008"

Illinois State Board of Education (ISBE) \$19,140

Co-investigator: **Patricia Mooney-Melvin**

"United Way of Metropolitan Chicago Community Research Fellowship 2008-2009"

United Way of Metropolitan Chicago \$15,000

Martin Berg, Biology

"Ecology and Food Web Structure of Ponds on the West Copper River Delta,
Alaska"

U.S. Forest Service \$49,600

Hank Bohanon, Education

"Social and Emotional Learning and Mental Health Evaluation"

U.S. Department of Education \$105,000

"Tertiary Supports Demonstration Study"

University of Kansas \$52,187

Co-investigator: **Pamela Fenning**

"Systematic Development of High School Positive Behavior Support"

U.S. Department of Education \$194,294

"Social and Emotional Learning and Mental Health Evaluation"

U.S. Department of Education \$107,000

Beverly Donovan, Business Services

Community Partnership Program

Illinois State Board of Education (ISBE) \$120,000

"CPS: Community Partnership Program (Birth to Three Model)"

Illinois State Board of Education (ISBE) \$48,000

John Dugan, Education

"Multi-Institutional Study of Leadership"

C. Charles Jackson Foundation \$7,875

Richard Fay, Psychology

"Sound Source Localization in Fishes"

National Science Foundation \$19,449

Richard Fay, Parmly Hearing Institute

"Origins of Binaural Processing in Vertebrates"

National Institute on Deafness and Other Communication Disorders \$207,759

Jan Florian, Chemistry

"Calmodulin-Activated Adenylyl Cyclase Toxins"

University of Chicago \$11,461

Christine George, CURL Co-investigator: **Susan Grossman**

"Open Door Demonstration Project Evaluation"

Michael Reese Health Trust \$150,000

Co-investigator: **David Van Zytveld**

"Evaluation of Home Health Organizations' (HHO) MHRI Technical Assistance Project"

Heartland Health Outreach \$5,000

"Evaluation of the Illinois Children's Health Foundation Pipeline Dentistry Project"

Illinois Children's Healthcare Foundation \$250,000

Patrick Green, Provost

Loyola Internship Program

Illinois Board of Higher Education \$40,000

Philip Hale, Public Affairs

"Help America Vote: Equipment Manager Recruitment Initiative"

U.S. Election Assistance Commission \$30,322

Patrick Henry, Chemistry

"Palladium(II)-Catalyzed Asymmetric Synthesis of $\hat{\pm}$ -Substituted Ketones"

Petroleum Research Fund \$50,000

Grayson Holmbeck, Psychology

"Psychosocial Adjustment in Adolescents with Spina Bifida"

National Institute of Child Health and Human Development \$347,914

Marla Israel, Education Co-investigator: **Elizabeth Vera**

"Chicagoland Partners for English Language Learners"

U.S. Department of Education \$251,352

Leanne Kallemeyn, Education

"External Evaluation of the American Dreams Project"

U.S. Department of Education \$41,863

"External Evaluation of the Transition Adolescent Literacy Readership"

McDougal Family Foundation \$34,125

William Kroll, Biology

"Research and Engineering Research Program (REAP) 2008"

U.S. Army \$7,800

Arthur Lurigio, Criminal Justice

"Austin Community Coalition on Underage Drinking SPF-SIG Project"

Illinois Department of Human Services \$12,000

Richard Matland, Political Science Co-investigator: **Olga Avdeyeva**

"IPY: Women Candidates in Regional Russia: Religion and Culture as Barriers to Women's Participation"

National Science Foundation \$189,672

"Participant Costs for: IPY: Women Candidates in Regional Russia:

Religion and Culture as Barriers to Women's Participation"

National Science Foundation \$12,000

Ivan Medina, Social Work

"Philanthropy for all Seasons 2008"

Field Foundation of Illinois \$500

Joyce Foundation \$1,500

Philip Nyden, CURL Co-investigator: **David Van Zytveld**

"Preserving and Sharing Chicago Audiovisual History"

Gaylord and Dorothy Donnelley Foundation \$36,000

Co-investigators: **Aparna Sharma, David Van Zytveld**
 "Sustaining Quality: Continuing the McCormick Tribune Foundation's
 Initiative for the Professional Development of Childcare Staff"
 McCormick Tribune Foundation \$550,000

"Active Members of Diverse Communities: A Contextual Examination of Racial Self-
 Concept"
 U.S. Department of Housing and Urban Development \$18,744

David Olson, Criminal Justice Co-investigators: **Don Steman, Robert Lombardo**
 "RFP: Capital Punishment Reform Study Committee Survey"
 Illinois Criminal Justice Information Authority \$69,999

Victor Ottati, Psychology
 "Testing a systems level intervention: CIT in Chicago"
 National Institute of Mental Health \$20,184

David Prasse, Education
 LU Choice Program
 Helen Brach Foundation \$50,000

Indonesia Participant Program
 U.S. Agency for International Development \$453,000

"TNT-2008-2009 – A Dynamite Freshman Program"
 State Street Foundation \$6,000

"Teaching With Primary Sources"
 Library of Congress \$221,000

Co-investigator: **Michael Maher**
 "Promoting Development Through Raising Cuban NGO Performance to Meet U.S.
 Professional Standards"
 U.S. Agency for International Development \$100,000 & \$498,379

Julia Pryce, Social Work
 "Development and Evaluation of an Economic Mentoring Program"
 City of Chicago \$31,199

Emma Rosi-Marshall, Biology
 "Employing an Integrative Approach to Measuring the Flow of Energy in the
 Colorado River Food Web"
 U.S. Geological Survey \$259,695

Diane Schiller, Education Co-investigator: **JoBeth D'Agostino**
 "Gaining Early Awareness and Readiness for Undergraduate Programs"
 U.S. Department of Education \$17,830

Donald Schwartz, Finance
 "The Center for Risk Management and Corporate Governance"
 Chicago Mercantile Exchange Trust \$249,502

Chandra Sekharan, Computer Science
 "Allston Trading Scholarships in Computer Science"
 Allston Trading LLC \$2,500

Larry Singer, Law Co-investigator: **Megan Short**
 "Beazley Institute for Health Law and Policy Rulemaking Initiative for HIV
 and STD Programs with the Illinois Department of Public Health"

Illinois Department of Public Health \$30,000

David Slavsky, Center for Science and Math Education
Cluster 4 Middle School Project 2008
Chicago Community Trust \$341,454

"Science Approach A: Inquiry to Build Content"
Chicago Board of Education \$1,243,269

Jeanne Sokolec, Social Work
BEL Program
Hartford Foundation \$7,500

R. Scott Tindale, Psychology
"The Role of Shared Mental Models and Cognitive Load on Group Memory"
National Science Foundation \$299,613

Nancy Tuchman, Biology and CUERP Co-investigator: **Daniel Larkin**
"Biodiesel Education: Green collar Recruiting and Environmental Education for the
next-generation (BE:GREEN)"
Environmental Protection Agency \$75,000

Co-investigator: **Monika Freyman**
"2005 NSF Graduate Research Fellowship Award"
National Science Foundation \$159,500

Katherine Tyson, Social Work
"Stand Up! Help Out! Summer 2008"
After School Matters \$25,764

Maria Vidal de Haymes, Social Work
"Families in Transition: A Study of the Impact of Cross-National Relocation on
Mexican Family Well-Being"
The Lois and Samuel Silberman Fund \$39,944

"Supporting Families in an Era of Globalization: Aligning Social Work
Education and Human Service Systems with Contemporary Transnational
Population Trends"
International Association for Schools of Social Work \$4,000

Jack Wall, Social Work
"Upward Mobility 2009"
State of Illinois \$30,000

Anita Weinberg, Law
"Lead Safe Chicago Hardware Store Project"
Environmental Protection Agency \$9,000

Kim Williamson, Biology
Mycology and Parasitology Conference
Burroughs Wellcome Fund \$3,751

"Plasmodium Falciparum Gametocytogenesis"
National Institute of Allergy and Infectious Disease \$265,728

Contact Us!

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New Faculty Orientation

ORS was pleased to hold new faculty orientations on the Lake Shore and Water Tower Campuses on October 30 and 31.

Faculty learned about the entire grants process, all the way from searching for funding opportunities and submitting proposals to closing out awards.

**Check the ORS website soon for the presentation slides!
<http://www.luc.edu/ors>**

