PSI Project for **Council of Graduate Schools** Scholarly Integrity

cgs COUNCIL OF GRADUATE SCHOOLS

SPECIAL ISSUE
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Updates on the Project for Scholarly Integrity

New CGS Launches PSI Dashboard

The Council of Graduate Schools has launched a new online interactive data tool, the PSI Dashboard. The Dashboard features easy-to-read, customizable views of results from the two assessment activities undertaken by all project awardees. This tool includes data from the PSI *Research Integrity Inventory Survey*, which surveyed graduate programs about resources, practices, policies and procedures related to research and scholarly integrity. The Dashboard also includes data from a survey of students, faculty, and others, developed by Thrush, Martinson, Crain and Wells (*Survey of Organizational Climate*) that assessed individual perceptions of the organizational environment for responsible research practices. The PSI Dashboard allows users to explore project data in aggregate, by field, topic, and subpopulation. Access the Dashboard today here.

Research and Scholarly Integrity in Graduate Education

A COMPREHENSIVE APPROACH

New PSI Publication

The Council of Graduate Schools announces the publication of *Research and Scholarly Integrity in Graduate Education: A Comprehensive Approach.* This best practice guide documents the results of the Project for Scholarly Integrity, a multiyear, multi-institutional CGS initiative to identify promising practices in embedding research and scholarly integrity into graduate education. It discusses a wide range of innovative strategies including the use of assessment to enhance and build support for high quality, relevant research integrity programs. This resource manual presents six model approaches to creating a graduate culture of research integrity, best practices that have emerged from the project as a whole, recommendations for implementing and using climate and activities assessment tools across departments and programs, and case studies based on projects by the six institutional awardees that participated in the project (Columbia University, Emory University, Michigan State University, Penn State University, the University of Alabama at Birmingham, and the University of Arizona). The book "spotlights" successful activities and lessons learned. The publication is intended to be useful to a broad range of graduate staff and faculty, including graduate deans, college deans, Directors of Graduate Studies, Research Integrity Officers, and all those responsible for developing research integrity resources and curricula for graduate students. To see recent press coverage of this publication take a look at ["How to Train Graduate Students in Research Ethics: Lessons From 6 Universities"](#) in the Chronicle of Higher Education and "[Integrating Integrity](#)" in Inside Higher Ed.

Ordering Information: Available from http://www.cgsnet.org/ [Direct link](#)
Research and Scholarly Integrity in Graduate Education: A Comprehensive Approach
ITEM: RSIGE **Cost:** $30 Non-member; $27 Member

Request for Proposals!
CGS Grant Opportunity: Research Ethics Education in Graduate International Collaborations

The Council of Graduate Schools is now accepting proposals for a collaborative [project to integrate research ethics education into graduate international collaborations](#). Through pilot projects at U.S. universities and nationally coordinated activities, CGS will identify model approaches to assessing the learning of graduate students in a range of graduate international collaborations in STEM fields at five awardee universities. Funded by NSF's Ethics Education in Science and Engineering (EESE) program through the NSF Office of International Science and Engineering (OISE), the project builds on an assessment framework developed with input from researchers, graduate deans, and national leaders with expertise on international issues in research integrity and assessment.

The objectives of the project are: 1) to identify general and field-specific research ethics skills needed for successful international collaboration and 2) to contribute to our understanding of how best to teach those skills at the graduate level. The collaborative work of CGS and awardees will also result in case studies based on successful program strategies as well as an online repository of graduate learning

outcomes for international collaborations. Proposal deadline extended to **August 29, 2012**. See Request for Proposals here.

National and International News in Research Ethics

NPR's Talk of the Nation, "Who Makes Stuff Up, And Why They Do It." July 31, 2012. Visit the National Public Radio website to hear host Neil Conan interview PSI Planning Committee member Adil Shamoo, editor-in-chief of *Accountability in Research*, and others (Jayson Blair, Meghan O'Rourke) on the motivations and costs of fabrication.

Better mentoring needed to prevent misconduct
In "The Roots of Research Misconduct" (Nature, 1 August 2012), the author argues that mentors need to understand the motivations for misconduct and be more willing to engage in uncomfortable conversations with students. Recounting several instances in which postdocsand graduate students produced fraudulent data that eventually ended up in manuscripts and/or major publications, the article looks at the role that mentors play in fraudulent research. While the article concludes that mentors very rarely encourage fraud in trainees, it calls on them to take more steps to discourage fraud among trainees by taking such steps as requiring independent verification of results and to not express disappointment when results fail to meet expectations, as well as discussing scientific misconduct with lab members.

UK funders seek integrity upgrade
Universities UK, along with other UK funders of research have published **The Concordat to Support Research Integrity** which outlines the signers' commitment to "maintaining the highest standards of rigour and integrity in all aspects of research" through transparency and oversight. These grant-funding organizations intend to require all grant recipients to incorporate the concordat principles into their projects.

NIH grant helps SLU, Wash U provide remedial education in research integrity
The Gnaegi Center for Health Care Ethics at Saint Louis University and the Institute of Clinical and Translational Sciences (ICTS) at Washington University have received a $500,000 grant from the National Institutes of Health (NIH) to launch a program called RePAIR (Restoring Professionalism and Integrity in Research), designed to educate scientists guilty of research misconduct.

Public Health Service (PHS) regulations governing Financial Conflict of Interest programs at institutions that accept PHS research funds have new requirements effective August 24, 2012.

A recent **Special issue** of *Teaching Ethics* addresses Research Ethics Education. A special section, "The Challenge of Research Ethics Education in the University Setting: A Response to NIH and NSF Regulations," includes contributions by participants in a day-long seminar sponsored by the Association for Practical and Professional Ethics in March, 2011.

Euroscience Open Forum, a gathering of **"**the most influential from the world of science, society and policy," met in Dublin, July 11-15. The forum determined "inadequate ethics training leaves young scientists unprepared for 'ethical emergencies'," according to Science magazine, as the highly competitive job market creates strong temptations to produce desirable results at any cost. In addition, those who are able to get jobs face potential pressure from supervisors to commit actions including questionable funding requests.

African Bioethics Program receives NIH continuation grant
Johns Hopkins Fogarty African Bioethics program, which focuses on promoting research ethics education in African research institutions, has received another five-year grant to continue operations. Each year, the program selects an African institution to send students to Johns Hopkins Berman Institute of Bioethics for a six month series of coursework and seminars. The students then return to their home institutions to complete a practicum project on research ethics.

Two New Articles on Human Subjects Research
"Aligning Regulation and Ethics in Human Subjects Research," *Science*, 3 August, 2012.
In light of the recent debate about proposed changes to the Common Rule, Rebecca Dresser of Washington University offers ideas for additions to the oversight system tied to the Belmont Report.

"The Future of Human Subjects Research Regulation," *Harvard Law Today*, July 2012.
The Harvard Law article focuses on a discussion by a panel of experts focusing on the proposed changes to the Common Rule proposed by the Department of Health and Human Services. Opinions of experts varied widely, with some focusing on what they saw as the need for new classifications for low risk research and others arguing that protection (or the lack thereof) for groups such as military members and prisoners should be revisited.

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