

Research Enterprise

August 12, 2010

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The Office of the Vice Chancellor for Research (OVCN) publishes the RESEARCH ENTERPRISE to keep the academic community and the community at large informed about research activities, opportunities and development on the IUPUI campus.

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If you have a news item or recent noteworthy research-related achievement that you would like to share, please see the [Research Enterprise Submission Guidelines](#).

Please be aware that not all news items will be deemed appropriate or timely for publication, but each item will be carefully considered.

FEATURE STORY

IUPUI Historian Explores Western Medicine's Influence in China, Collaborates with Peking University

American missionary Peter Parker helped establish the first Chinese hospital in 1835. By 1911, thanks to the West and missionaries, China had 245 hospitals and 35 medical schools.

Western medicine was heavily influential to and widely accepted by the Chinese. Study of why the Chinese were drawn to western practices, however, has been uneven. Revolutions, war, and invasions have prevented serious research and access to important historical records. William Schneider, Professor of history in the School of Liberal Arts, hopes to change that with a new project funded by a \$30,000 planning grant from the Henry Luce Foundation. "The History of Western Medicine in China, 1800-1950" is a collaboration between the IUPUI Medical Humanities Program/Center on Philanthropy and the Center for the History of Medicine at Peking University. The work will focus on hospitals, medical schools, and other institutions supported by Western philanthropy and missionary efforts.



William Schneider, Ph.D.
Department of History
School of Liberal Arts

The grant will help complete two projects. First, two conferences (one held in the United States and the other in China) will bring together top scholars to present their research. An edited volume of papers presented during the conferences will be produced in both English and Chinese.

The grant also funds a second endeavor, the identification of major archival holdings and historical documents about Western medicine in China. Scholars will be directed to the documents via a web guide and archives will be accessible through digitization of selected materials. Schneider, holder of the Baker-Ort Chair in International Healthcare Philanthropy and Director of the Medical Humanities Program, says, "These will be materials on the major Western medical schools, nursing schools and hospitals started in China during this period; and digitization of some hard to find periodicals published mostly in the first part of the twentieth century."

"Medicine was a very important field for Westerners working in China, especially the role of missionaries and philanthropies, and educational institutions in the West," he reports. "The archives and records in the West are well known and documented, but not those in China. Also, the sources in the West are not very accessible to the Chinese. Hence a major goal of our work is to increase access to Chinese scholars to sources in the West, as well as help them identify resources in China."

"This project is the first in the Indiana University – Peking University collaboration to receive outside funding," says Schneider. "It shows the strength of international resources at IUPUI in the study of philanthropy as well as religious studies and medical humanities."

DID YOU KNOW?

The total amount of research awards to IUPUI in July were \$48.3M which is down slightly (5.3%) from last year's record breaking performance. Ranking second to the School of Medicine (\$39.9M) was the School of Nursing (\$2.4M). Four other schools (Dentistry, Engineering and Technology, Liberal Arts and Science) all brought in more than \$1M for the month.

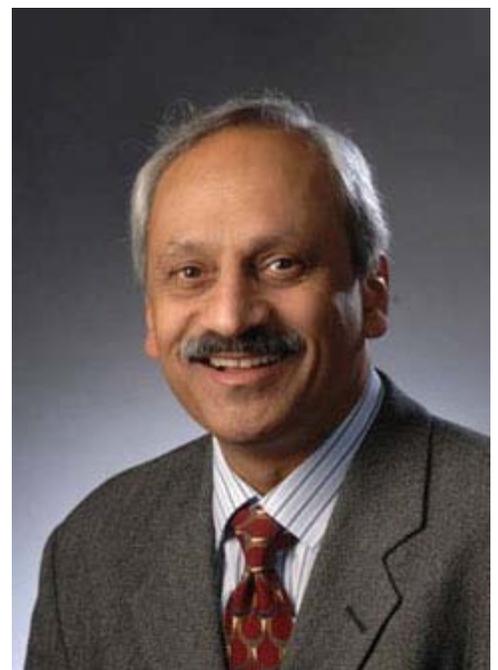
ANNOUNCEMENTS

CTSI Awards Early-stage Research Grants to Scientists at IU, Purdue, Notre Dame

Ten teams of Indiana scientists have been awarded \$750,000 in grants from the Indiana Clinical and Translational Sciences Institute (CTSI), awards that will encourage statewide collaborations and speed the development of new medical treatments and services.

The teams, each of which received a CTSI Collaboration in Translational Research (CTR) Pilot Program Grant of up to \$75,000, include researchers from Indiana and Purdue universities and the University of Notre Dame.

The grants will help Indiana scientists conduct early-stage research projects designed to attract larger grant awards from external sources, such as the National Institutes of Health. In order to foster collaboration, the program required that each grant proposal include participation from scientists from two or more sponsoring academic campuses: Purdue, IU Bloomington, IUPUI, IU School of Medicine and Notre Dame.



Anantha Shekhar, MD, Ph.D.
Director, Indiana Clinical and Translational

"The CTR awards are designed to support highly innovative pilot projects that build new collaborations within the partner universities of the Indiana CTSI," said Dr. Anantha Shekhar, director of Indiana CTSI. "These projects are expected to test novel ideas, lead to the development of new treatments or products, and also generate significant grants and investments from external sources."

All of the projects are funded for a year with the possibility of an additional year of extension, and are evaluated on milestones based performance metrics. This is the second year that Indiana CTSI has awarded CTR grants.

"Already in the first 12 months, the previously funded grants have met over 80 percent of their milestones, and have resulted in over two dozen new grant applications," said Shekhar.

The Indiana CTSI is a statewide collaboration of researchers and health care specialists in academia, business and government created to translate scientific discoveries into new medical treatments and services. The CTSI was formed in 2008 with a \$25 million grant from the National Institutes of Health.

The projects selected to receive grant support include research into various aspects of cancer treatment, spinal injury, bone development, diabetes, Alzheimer's disease and ADHD.

A list of the investigators and their projects can be found at the Indiana CTSI web site at <http://www.indianactsi.org/news/ctr2010>.

Call for Academic Year 2010-2011 Multidisciplinary Undergraduate Research Team Project Proposals

Applications are sought by the Multidisciplinary Undergraduate Research Institute (MURI) for Academic Year 2010-2011 from all IUPUI faculty members and senior researchers who are interested in mentoring undergraduate students to conduct multidisciplinary research in teams. This is a unique opportunity for conducting pilot projects or testing new techniques and designs while helping undergraduate students develop essential research skills.

MURI is collaboratively funded by the Center for Research and Learning, a division of the IUPUI Office of the Vice Chancellor for Research, and the Purdue School of Engineering and Technology.

The deadline to submit MURI Project Proposals is August 27, 2010. This academic program year will run from October 1, 2010 through May 2, 2011. For more information, visit: <http://crl.iupui.edu/muriIUPUI/call.asp>

New Website for the Glossary of Research Terms Now Available

The Office of Research Administration (ORA) announces recent development of a new Glossary of Research Terms website. Terms and definitions related to research have been compiled and posted in order to aid the IU research community. A list of acronyms is also included for easy reference. The ORA seeks and welcomes feedback regarding additional terms, definitions and acronyms to make this a more robust and comprehensive tool. Please send comments or suggestions to reep@iu.edu. To access the glossary, visit: <http://researchadmin.iu.edu/glossary.html>

CENTER SPOTLIGHT

Center for Research and Learning Facilitates 2010 Summer Student

Research Programs

The IUPUI Center for Research and Learning hosted and facilitated a nine-week intensive experience for students from nine different programs this summer. Students spent their time working on research projects, and attending professional development seminars, social, and cultural activities meant to foster student success.

The IU Simon Cancer Center in partnership with the CRL hosted the 2010 IU Simon Cancer Center Summer Research Program (IU SCCSRP) with 18 high school and undergraduate participants. "The IU SCCSRP engages students in clinical and population-based biomedical cancer research on a full-time basis," says Vicki Gayfield, CRL/IU SCCSRP Program Leader. All participants gained exposure to a wide range of research activities, including daily interaction with other students, clinical and post-doctoral fellows, and faculty. The IU SCCSRP aims to increase the number of high school and undergraduate students from under-represented populations to pursue biomedical and behavioral-science careers.

The IUPUI Multidisciplinary Undergraduate Research Institute (MURI), a campus-wide program which has been open to all disciplines since Spring Semester 2008, consisted of eight research teams with thirty-three students and twenty-two mentors this summer. "In addition to their work with their faculty team, each student was asked to complete an abstract, a poster, and a research paper and attend several professional development sessions," according to Elizabeth Rubens, MURI Program Leader.

Funding for MURI is shared by the Center for Research and Learning and the School of Engineering and Technology. Rolls Royce North American Technologies, Inc. also provided funding for one of the projects titled *Effect of Mechanical Deflections due to Aerodynamic Loads on the Performance of a Notional Mixer*.

The Clinical Sciences and Translational Sciences Institute (CTSI), an undergraduate clinical and translational research fellowship program initiated by the Indiana Clinical and Translational Sciences Institute, hosted six students this summer. Two of the students were from the University of Notre Dame, and four students were from IUPUI.

The CTSI is funded by the National Institutes of Health, and part of its mission is to expand the cadre of students who want to pursue translational-biomedical research careers. Undergraduates may be selected from IUPUI or the University of Notre Dame. Students choose research projects from a list generated by clinical researchers involved with the CTSI and attend professional-development sessions sponsored by the Center for Research and Learning.

The IUPUI McNair Scholars Program selected twenty-six talented undergraduate students with the potential and desire for graduate education and provided these participants with a total education experience, which began with the 10-week summer research program. Funded by the U.S. Department of Education, the intent is to encourage, train, and assist each student to graduate with a



2010 Summer Research Programs Poster Symposium and Recognition Reception

baccalaureate, enroll in a graduate program and ultimately receive a Ph.D. "The McNair program allows students an opportunity to conduct research in their field of interest and participate in a faculty–mentor research experience," says Ms. Gayfield, McNair Associate Director.

On July 24th, the IUPUI McNair scholars presented their research and scholarly work to peers, program alumni, faculty and staff from BigTen schools at the 2010 Committee on Institutional Cooperation Summer Research Opportunities Program (CIC/SROP) Conference, hosted at The Ohio State University. The CIC/SROP goal is to increase the educational access for students underrepresented in graduate education.

Since 2009, the Bridges to the Baccalaureate program collaboration between IUPUI and Ivy Tech Community College of Central Indiana has provided underrepresented minority Ivy Tech students with resources and undergraduate research experiences under the mentorship of IUPUI faculty to successfully complete an associate's degree and to seamlessly transfer to a bachelor's degree program in biomedical or life science area.

Funded by the National Institutes of Health, the Bridges 2010 summer research program consisted of nineteen diverse and motivated students; all of whom plan to pursue a 4-year degree in a science or health related major at a four-year institution.

The Summer Diversity Scholars Research Programs (S-DSRP), a performance-based program for academically talented undergraduate students who further contribute to the rich diversity of the IUPUI campus consisted of 10 students this summer. In addition to the CRL professional development programming, S-DSRP scholars participated in an Introduction to Research Seminar and worked with faculty mentors on research projects.

All students who were part of these and other CRL-affiliated programs were given the opportunity to present at a poster session, which was the culmination of their nine-week program. The poster session was held in the IUPUI Campus Center with over 200 attendees. Executive Vice Chancellor and Dean of the Faculties Uday Sukhatme was the keynote speaker at this event. Dr. Sukhatme described the RISE initiative (research, international, service learning, and experiential learning) and how the CRL and other summer academic year programs are playing a key role in contributing to the success of this initiative.

To learn more about CRL-affiliated summer research programs, contact Vicki Gayfield at vgayfiel@iupui.edu or 278-6101.

TRANSLATIONAL RESEARCH IMPACT

Creating and Maintaining a Culture of Translational Research at IUPUI

Translating research into practice (TRIP) is based in a philosophy that new knowledge is never sufficient to bring the maximum benefit that knowledge represents. Rather, new knowledge requires linkage to other bodies of knowledge (often from other disciplines) and dissemination to a range of potential users. This particular approach to research – which is represented in the National Institutes of Health Roadmap – requires a new research culture in institutions such as IUPUI that represent the community of scholars generating new knowledge. In order to perpetuate a culture of TRIP at IUPUI there is a need for an infrastructure to incorporate diverse community members into the TRIP enterprise; a need for an infrastructure for mentoring researchers and students in translational research; a need for a



Dennis Fortenberry,
MD, MS
IUPUI TRIP Faculty

regulatory infrastructure responsive to the special needs of translational research; and, a need for an explicit reward system for excellence in translational research. Fellow

The importance of translational research at IUPUI has been recognized for several years by the TRIP initiative led by Dr. Sandra Petronio, TRIP Project Manager, under the direction of Chancellor Charles Bantz. On June 1, 2010, Dr. J. Dennis Fortenberry was named as the IUPUI TRIP Faculty Fellow. As the TRIP Faculty Fellow during the next three years, Dr. Fortenberry will develop and implement infrastructure, resources, mentorship, and faculty incentives to help fully establish IUPUI as a translational research university.

Dr. Fortenberry has been a member and associate director of the Section of Adolescent Medicine in the Department of Pediatrics since 1993. Dr. Fortenberry has received continuous research funding from the National Institutes of Health since 1988. He has extensive experience in translating research into public health policy and law, particularly in the area of adolescents and health choices. At a national level, his research contributed to national guidelines published by the Centers for Disease Control & Prevention on routine Chlamydia screening for adolescent and young adult women. Subsequent research documented the effectiveness of expedited partner services for prevention of Chlamydia reinfection by untreated partners. This research contributed to national recommendations for expedited partner therapy: these recommendations have been implemented in many states, and are being considered in Indiana. Currently, Dr. Fortenberry is working to develop, test, and disseminate materials for expedited partner therapy. These materials are intended for both professionals and for patients to maximize benefits of this useful prevention strategy at a clinical and community level.

More recently, Dr. Fortenberry (in collaboration with colleagues Sarah Wiehe, Mary Ott, and Helen Sanematsu) has begun to explore a variety of approaches to improve research access and participation for community-based adolescents. One approach being explored is use of cellular telephones as means of recruiting and communicating with adolescent research participants (and their parents). Another approach will attempt to bring adolescents directly into the process of research development and into the process of human subjects oversight. The intention is to improve adolescents' participation in all aspects of research, while respecting their special developmental and legal statuses.

IUPUI has long been known for its ability to partner with the community in solving complex problems using evidence-based solutions. IUPUI is uniquely situated to become a nationally recognized as the translational research university.

IN MEMORIAM

Remembering the Professional Accomplishments of a Scholar, Colleague, Mentor and Friend

On July 16, 2010, Purdue School of Engineering and Technology and the Indiana University School of Medicine announced the untimely passing Dr. Charles H. Turner.

Born November 29, 1961 in Roswell, NM, Dr. Turner was a Chancellor's Professor and Associate Director within the Department of Biomedical Engineering (Purdue) on the Indiana University-Purdue University Indianapolis (IUPUI) campus, and held a joint appointment within the Department of Orthopaedic Surgery (IU School of Medicine) where he was Director of Orthopaedic Research.

Dr. Turner received his B.S. in Mechanical Engineering from Texas Tech University in 1983 and Ph.D. degree in Biomedical Engineering from Tulane University in 1987. He joined the faculty on the IUPUI campus in 1991 after four years with the

Osteoporosis Research Center at Creighton University. During his tenure, Dr. Turner became an internationally renowned expert in musculoskeletal biomechanics and bone biology, with particular interests in how bone responds to mechanical loading and skeletal genetics.

In honor of his many contributions to science, in both academia and industry, the Office of the Vice Chancellor joins the IUPUI campus leadership in paying tribute to life and accomplishments of Dr. Turner.

<http://newscenter.iupui.edu/4755/Dr-Turner-Remembered-for-Dedication-to-Training-of-Young-Engineers-and-Scientists-At-All-Levels>

RECENT EXTERNAL FUNDING AWARDS

The Office of the Vice Chancellor for Research recognizes and congratulates all IUPUI faculty and researchers for recent awards they have received and that help to advance the IUPUI research enterprise. The following highlights those receiving \$100,000 or more in external grants.

Grants and Awards - June and July 2010

PI	Agency	Project Title	School	Department	Total
June 2010 Awards					
RUPP, JOHN ANDREW	UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN	Evaluation of the Carbon Sequestration Potential of the Cambro-Ordovician Strata of the Illinois and Michigan Basins	VP RESEARCH	GEOLOGICAL SURVEY	\$361,032
LOEHRER, PATRICK J.	PURDUE UNIVERSITY	Walther Oncology Physical Sciences & Engineering Research Embedding Program	MEDICINE	CANCER CENTER	\$305,624
CHANG, FEN-LEI FINLAND	STEEL DYNAMICS FOUNDATION, INC	Expansion of Medical School Education into Full Four Year Program/Integration of Advanced Telemedicine Technology and Translational Research into Medical Education	MEDICINE	IUSM-FORT WAYNE	\$300,000
SLEDGE JR, GEORGE W	SUSAN G. KOMEN BREAST CANCER FOUNDATION	Proj 1: Examination of the human kinome for novel genome-specific therapeutic targets in triple-negative breast cancer; Proj 2: Association of genetic variability with receptor activation of tumor angiogenesis inhibitors: an in vitro genetic biomarker	MEDICINE	HEMATOLOGY/ ONCOLOGY	\$250,000
ROSS, HEIDI ANN	THE FREEMAN FOUNDATION	National Consortium for Teaching about Asia, Year 13	A&S	EAST ASIAN STUDIES CENTER	\$234,600
CHEN, PENG-SHENG	VANDERBILT UNIVERSITY	Amyloid Oligomers and Susceptibility to Atrial Fibrillation	MEDICINE	CARDIOLOGY	\$221,198
DERENCHUK, VLADIMIR PETER	PROCURE TREATMENT CTRS INC	A compact dose delivery system for proton radiation therapy.	OTHER UA	CYCLOTRON OPERATIONS	\$182,958
BARTHELMIE, REBECCA	FLODESIGN WIND TURBINE CORPORATION	FDWT (Mixer-Ejector Wind Turbine) MEWT Wake and Wind Farm Modeling	A&S	GEOGRAPHY	\$169,466
BODENHAMER, DAVID	STATE FARM MUTUAL AUTOMOBILE	Hail Damage Spatial Decision Support System	LIBERAL ARTS	POLIS	\$153,036

JACKSON	INSURANCE COMPANY				
GILLEY, DAVID PAUL	AVON FOUNDATION	Telomeres dysfunction markers for breast cancer detection	MEDICINE	MEDICAL & MOLECULAR GENETICS	\$150,000
DRAHOS, RONALD WAYNE	NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION	Special Crash Investigation (Central Region)	PUBLIC & ENVIRONMENTAL AFFAIRS	PUBLIC & ENVIRONMENTAL AFFAIRS	\$150,000
CHEN, SHEYING	OFFICE OF TWENTY-FIRST CENTURY SCHOLARS	21st Century Scholars Program Support Site, Southeastern Indiana Office (State Funds)	ACADEMIC AFFAIRS OFFICE	ACADEMIC AFFAIRS OFFICE	\$141,278
SALANOVA, VICENTA	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO	Radiosurgery vs lobectomy for temporal lobe epilepsy: Phase 3 Clinical Trial	MEDICINE	NEUROLOGY	\$125,087
GALINDO, ENRIQUE	SEOUL METROPOLITAN OFFICE OF EDUCATION	Mathematics Education Training Program for Korean Secondary Level Mathematics School Teachers	EDUCATION	SOCIAL STUDIES DEVELOP CENTER	\$120,750
July 2010 Awards					
CHAMPION, VICTORIA LEE	NATIONAL CANCER INSTITUTE	Increasing Colorectal and Breast Cancer Screening in Women	NURSING	NURSING	\$3,266,108
HE, JOHNNY J.	NATIONAL INSTITUTE OF MENTAL HEALTH	GFAP as a novel HIV/neuroAIDS Biomarker	MEDICINE	MICROBIOLOGY & IMMUNOLOGY	\$2,702,349
CONSIDINE, ROBERT V.	NATIONAL INSTITUTE OF DIABETES & DIGEST.& KIDNEY	Reward System Responses to Food Aromas: Effects of Obesity and Alcohol Intake	MEDICINE	ENDOCRINOLOGY	\$2,397,687
RUSYNIAK, DANIEL E.	NATIONAL INSTITUTE ON DRUG ABUSE	CNS circuitry and receptors mediating the effects of MDMA	MEDICINE	EMERGENCY MEDICINE	\$1,674,750
MARCH, KEITH LEONARD	NATIONAL HEART, LUNG AND BLOOD INSTITUTE	Training in Vascular Biology and Medicine	MEDICINE	CARDIOLOGY	\$1,617,907
POLLOK, KAREN E.	NATIONAL CANCER INSTITUTE	Dual Targeting of DNA Repair and p53 pathways for treatment of brain cancer	MEDICINE	PED-HEME/ONC BASIC RESEARCH	\$1,602,294
ZHANG, ZHONG-YIN	NATIONAL CANCER INSTITUTE	Small Molecule Inhibitors for the Oncogenic Protein tyrosine Phosphatase SHP2	MEDICINE	BIOCHEMISTRY/ MOLECULAR BIOLOGY	\$1,597,750
WARDEN, STUART J	NATIONAL INSTITUTE ARTHRITIS MUSCULOSKELETAL SKIN	Sustainability of exercise-induced increases in bone structure and estimated strength	HEALTH/ REHABILITATION SCIENCES	HEALTH/ REHABILITATION SCIENCES	\$1,108,800
JAMISON, JOSEPH RYAN	LILLY ENDOWMENT, INCORPORATED	Fostering Effective Partnerships to Further Service in Indiana Higher Education.	LIBERAL ARTS	INDIANA CAMPUS COMPACT	\$900,000
WILKES, DAVID S.	THE ROBERT WOOD JOHNSON FOUNDATION	Harold Amos Medical Faculty Development Program (AMFDP)	MEDICINE	DEAN'S OFFICE-MEDICINE	\$647,736
CLARE, SUSAN ELIZABETH	SUSAN G. KOMEN BREAST CANCER FOUNDATION	Virtual Bio Bank Web Application Project	MEDICINE	GENERAL SURGERY	\$338,000
PESUT, DANIEL J.	HEALTH RESOURCES AND SERVICES ADMINISTRATION	Nurse Faculty Loan Program	NURSING	NURSING	\$295,175
BROKAW, JAMES J	HEALTH RESOURCES AND SERVICES ADMINISTRATION	Application for the Scholarships of Disadvantaged Students	MEDICINE	DEAN MED-STU CURRICULAR AFF	\$211,823

BROKAW, JAMES J	HEALTH RESOURCES AND SERVICES ADMINISTRATION	Scholarships for Disadvantaged Students	MEDICINE	DEAN MED-STU CURRICULAR AFF	\$139,914
CHAMPION, VICTORIA LEE	WALTHER CANCER FOUNDATION, INC.	MMWP/BCOG Indiana University Site	NURSING	NURSING	\$132,544
PETRACHE, IRINA	ALPHA-1 FOUNDATION	Mechanism of interaction of Alpha-1 antitrypsin with the lipid membranes.	MEDICINE	PULMONARY	\$130,000
FLOCKHART, DAVID A	U.S. ARMY	Mechanisms of aromatase inhibitor-induced musculoskeletal symptoms	MEDICINE	CLINICAL PHARMACOLOGY	\$118,544
SCHWARTZ, PETER H.	AMERICAN CANCER SOCIETY, INCORPORATED	Cancer Control Career Development Award for Primary Care Physician	MEDICINE	GENERAL INTERNAL MEDICINE	\$100,000

OVCR WORKSHOPS AND EVENTS

IUPUI Research Office Orientation

When: Friday, September 03, 2010 | 10:00 AM-12:00 PM

Where: University Library, Room 1126

This session will provide an overview of research resources, services and support offered to IUPUI faculty by the Office of the Vice for Research and the Office of Research Administration on the IUPUI campus. Participants will meet key staff and learn how best to obtain and use information and resources needed for them to be successful in their research activity.

Register: <http://crl.iupui.edu/Events/eventsRegistration.asp?id=2035>

IUPUI Research Office Orientation (*Repeat Session*)

When: Tuesday, September 07, 2010 | 02:00 PM-04:00 PM

Where: University Library, Room 1126

This session will provide an overview of research resources, services and support offered to IUPUI faculty by the Office of the Vice for Research and the Office of Research Administration on the IUPUI campus. Participants will meet key staff and learn how best to obtain and use information and resource <http://crl.iupui.edu/Events/eventsRegistration.asp?id=2036>s needed for them to be successful in their research activity.

Register: <http://crl.iupui.edu/Events/eventsRegistration.asp?id=2036>

OVCR Responsible Conduct of Research Workshop Series: Life Cycle of an Externally Funded Sponsored Program Proposal

When: Wednesday, September 08, 2010 | 10:00 AM-11:30 AM

Where: University Library, Room 2115E

From the generation of an original idea to submission of a project's final report, a sponsored program involves the collaboration of numerous university partners. The aim of this workshop is to aid investigators in understanding how to prepare and navigate their proposal through the various Research Administration stages. In addition, this session will provide insights on the policies and processes involved in the life span of a sponsored program.

Register: <http://crl.iupui.edu/Events/eventsRegistration.asp?id=2048>

Intro to OVCR Internal Grant Programs

When: Tuesday, September 14, 2010 | 10:00 AM-11:30 AM

Where: University Library, Room 1126

This session will provide participants with an overview of the various Office of the Vice Chancellor for Research (OVCR) internal grant opportunities for IUPUI faculty and will include information on upcoming deadlines, how to apply, the review process, post award requirements and how best to use the internal funding to leverage extramural support.

Register: <http://crl.iupui.edu/Events/eventsRegistration.asp?id=2047>

Finding Funding

When: Thursday, September 16, 2010 | 02:00 PM-03:30 PM
Where: University Library, Room 0106

This session will provide an overview of the various types of external funding sources, identify tools to locate funding opportunities, explain how to design a funding search, and demonstrate a couple of knowledge management systems that contain thousands of funding opportunities available by the university subscription.

Register: <http://crl.iupui.edu/Events/eventsRegistration.asp?id=2046>

Community of Science

When: Wednesday, September 22, 2010 | 10:00 AM-11:30 AM
Where: University Library, Room 0106

Indiana University is a member of the Community of Science (COS). Whether your work is in the arts or the sciences, COS funding and expertise search tools and services can help support and advance your research and scholarly activity. Learn how to take full advantage of these services and help our institution promote its work. This event is a hands-on open lab session.

Register: <http://crl.iupui.edu/Events/eventsRegistration.asp?id=2045>

OTHER WORKSHOPS AND EVENTS

Reading at the Table: John Calvin's American Legacy

When: Thursday, September 02, 2010 | 11:30 AM-01:00 PM
Where: Faculty Club

Presenter: Thomas Davis, Ph.D., Department of Religious Studies, School of Liberal Arts

This book examines the economics of the Colonial period, Calvin's effect on American identity, and the evidence for Calvin's influence on American democracy. The book addresses Calvin's critical role in American theology, the diverse views on the Calvinist theological tradition in the nineteenth century, ways in which Calvin was understood in the historiography of Williston Walker and Perry Miller, and Calvin's influence on twentieth-century theologies. Finally, the book explores Calvinism's influence on American literature.

A buffet lunch is available for \$12.90 plus tax.

Register: <http://faa.iupui.edu/newFaa/events/eventsRegistration.asp?id=2050>

Annual Indiana Nonprofit Capacity Building Conference

When: Tuesday, October 12, 2010 | 8:15 AM-05:30 PM
Where: Indiana Government Center South in downtown Indianapolis.

The conference theme this year is "The Amazing Race: Prepare, Measure, Succeed." Nonprofit leaders, executives, staff, consultants, scholars, professionals, and funders will attend the event designed to help participants learn strategies and techniques from peers and experts.

The IUPUI Solution Center's Nonprofit Solutions Initiative, the Indiana Office of the Attorney General, and SAVI (created and managed by The Polis Center at IUPUI) are conference co-hosts.

Register: <http://www.savi.org/conference/>

CURRENT EXTERNAL FUNDING OPPORTUNITIES

Funding opportunities in this section include selected current grant announcements from federal agencies for new initiatives and changes to existing programs. Announcements with limited scope are not listed here but are, instead, sent directly to IUPUI School Deans. For comprehensive coverage of funding opportunities please use the on-line search tools listed below.

NATIONAL ENDOWMENT OF THE HUMANITIES

Scholarly Editions and Translations: Scholarly Editions and Translations grants support the preparation of editions and translations of pre-existing texts and documents that are currently inaccessible or available in inadequate editions. These grants support full-time or part-time activities for periods of at least one year up to a maximum of three years. *Application deadline is October 28, 2010.*

Sustaining Heritage Collections: Sustaining Cultural Heritage Collections (SCHC) helps cultural institutions meet the complex challenge of preserving large and diverse holdings of humanities materials for future generations by supporting preventive conservation measures that mitigate deterioration and prolong the useful life of collections. *Application deadline is November 16, 2010.*

NATIONAL INSTITUTES OF HEALTH

Effects of the Social Environment on Health: Measurement, Methods and Mechanisms (R01): NIH Basic Behavioral and Social Science Opportunity Network (OppNet), solicits Research Project Grant (R01) applications from institutions/organizations that propose to investigate structural, behavioral, sociocultural, environmental, cognitive, emotional, and/or biological mechanisms through which the social environment affects health outcomes. To address this objective, applicants should propose research studies that will: (1) deepen our understanding of which aspects of social environments affect health outcomes for women and men at different stages of the lifecourse and in different social, economic, geographic, racial and ethnic sub-populations; (2) lead to a clearer understanding of mechanisms through which social environments have such effects; or (3) improve measurement methods and/or contribute to advances in analytic methods used in the study of social environments and health. *Application deadline is January 6, 2010.*

NIH Common Fund Transformative Research Projects Program (R01): The focus is on groundbreaking, exceptionally innovative, high risk, original and/or unconventional research with the potential to create new scientific paradigms or challenge existing ones. Projects must clearly demonstrate potential to produce a major impact in a broad area of biomedical or behavioral research. *Application deadline is October 27, 2010.*

NATIONAL SCIENCE FOUNDATION

Computational Mathematics: The focus is on mathematical research in areas

of science where computation plays a central and essential role, emphasizing design, analysis, and implementation of numerical methods and algorithms, and symbolic methods. The prominence of computation with analysis of the computational approach in the research is a hallmark of the program. Proposals ranging from single-investigator projects that develop and analyze innovative computational methods to interdisciplinary team projects that not only create and analyze new mathematical and computational techniques but also use/implement them to model, study, and solve important application problems are encouraged. *Application deadline is December 15, 2010.*

Doctoral Dissertation Research Improvement Grants: Sociology and Geography and Spatial Sciences. *Application deadline is October 15, 2010.*

IDENTIFYING FUNDING OPPORTUNITIES

On-line search tools are available to IUPUI investigators who are interested in identifying funding opportunities in their areas of interest.

Community of Science (COS): COS is a primary on-line search tool for identifying funding opportunities. To take advantage of this tool, register at <http://www.cos.com/login/join.shtml>. Once you have completed the short registration process, you can personalize your search by selecting the option entitled "launch your workbench". You can access federal, local, corporate, foundation, nonprofit and other funding opportunities using key terms and save the results of up to 20 searches and have them delivered to you weekly via email.

National Institutes of Health (NIH) "NIH Guide": To take advantage of this search tool, register at <http://grants.nih.gov/grants/guide/listserv.htm>. It allows you to receive discipline specific funding opportunities that are delivered to you weekly via email.

National Science Foundation (NSF) "MyNSF": To take advantage of this search tool, register at http://service.govdelivery.com/service/multi_subscribe.html?code=USNSF&custom_id=823. It allows you to receive discipline specific funding opportunities that are delivered to you weekly via email.

Federal Business Opportunities "FedBizOpps": FedBizOpps is the single government point-of-entry for Federal government procurement opportunities over \$25,000. To take advantage of this search tool, visit <http://vsearch1.fbo.gov/servlet/SearchServlet>. Opportunities found at this site include, but are not limited to, presolicitations and special notices for research and service contracts for specific projects and some national centers and surveys that would not be found in Grants.gov and may not be found in the Community of Science.

Limited Submission Funding Opportunities:

Many federal agencies and foundations offer grants, awards and fellowships that limit the number of applications that can come from one institution or require special handling. In order to comply with agency and foundation guidelines and increase the chances of Indiana University (IU) succeeding in such limited submissions and special handling opportunities, IU policies and procedures are in place and are utilized by the Office of the Vice Chancellor for Research and other IU research offices to facilitate internal coordination and competitions.

Individuals interested in responding to limited submission opportunities must inform the Office of the Vice Chancellor for Research about their intent to apply to a given limited submission opportunity, such that they can be included in the internal review and selection process. Failure to do so may disqualify individuals from consideration for submission to the funding opportunity.

Individuals interested in a limited submission opportunity or have any questions about the internal coordination process, contact Etta Ward at emward@iupui.edu or 317-278-8427. For a description of upcoming limited submission funding opportunities, as well as guidelines and application forms, go to: <http://ovpr.indiana.edu/lmsub/lmsub.asp>. Please note that this is not a comprehensive list, and that any external funding opportunity that imposes any type of submission limitation is subject to the IU limited submission policy and procedures.

Special Handling: The Special Handling list was created in order to communicate donor restrictions and/or preferences for managing solicitation requests from Indiana University. The list reflects special relationships that exist between donors and the university and includes corporations and foundations that the President's office wishes to review prior to submission in order to coordinate Indiana University's requests to these donors. The Special Handling List was compiled and is maintained by the Indiana University Foundation office of Corporate and Foundation Relations. Questions regarding this list can be directed to Bobbi Bosch at 317-278-5648 or bsbosch@indiana.edu.

IU Authentication is required to view the following attachments:

[IU/IUF Corporation / Foundation Special Handling List](#)
[Principal Gifts Review Template](#)

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