

Research Enterprise

The Office of the Vice Chancellor for Research (OVCR) 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.

Research Offices:

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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

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ANNOUNCEMENTS

IUPUI National Science Foundation Day Attracts Inquiring Minds

On Friday, November 13, 2009, the Office of the Vice Chancellor for Research (OVCR) sponsored an IUPUI National Science Foundation (NSF) Day. The presentations were held during both the morning and afternoon and were conducted by Dr. Richard Rodewald and Dr. Cedric L. Williams, both NSF Program Directors. IUPUI faculty were briefed on NSF funding opportunities, grant proposal processes, and tips on proposal development strategies. The presentations also provided faculty the opportunity to ask pointed questions and receive candid feedback on a range of topics.



As a follow up to NSF Day, the OVCR will offer consultation and other services to ensure the realization of increased NSF proposal submissions from IUPUI faculty. "In order to assist in significantly raising the number of IUPUI researchers receiving NSF grants, my office has planned this series of workshops, this academic year, to help our faculty gain a deeper understanding about NSF and the funding opportunities it offers," says Dr. Kody Varahramyan, IUPUI Vice Chancellor for Research. All workshops will be conducted by one or more NSF program directors invited to IUPUI. The first workshop took place on October 26, 2009 and was conducted by Dr. Myles Boylan of NSF. The next NSF workshop will take place in the earlier part of the upcoming spring semester.

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

CENTER SPOTLIGHT

IUPUI Solution Center Supports the Campus in Community-Based Work

By Krista Hoffmann-Longtin, Associate Director, IUPUI Solution Center

IUPUI's faculty has a long history of community engagement through community-based research, consulting, service-learning courses, internships, and class projects in Central Indiana. Yet, as Indiana University and IUPUI have grown, so has the complexity of networks and opportunities to partner with the campus.

In 2004, with generous support from the Lilly Endowment, IUPUI created the [IUPUI Solution Center](#) with the primary goals of serving the state as a key partner in its efforts to increase the numbers of highly trained and degreed professionals in the state of Indiana and facilitating meaningful collaboration and talent-driven partnerships with Indiana's business industry, nonprofit, and government sectors. The cornerstone of the Solution Center's work is its ability to serve as a knowledgeable and informed point of contact for thousands of businesses, nonprofit, and government leaders, connecting them to the talent and expertise of IUPUI's students, faculty, and researchers.

As a part of the Office of the Vice Chancellor for Research, the Solution Center uses its resources and expertise to identify and coordinate meaningful collaborations between and nonprofit, business, and government leaders by locating internal and external contacts and funding for community-based research, assisting in identifying community organizations for class projects, case studies, or research initiatives, working in partnership with faculty to develop and provide assessment and evaluation measures for experiential initiatives, identifying resources and expertise that enhance discovery, research and development, and technology transfer for IUPUI faculty-inventors, inking faculty and courses to opportunities that advance IUPUI's vision for the [RISE to the Challenge Initiative](#) and hosting annual events that provide the opportunity for faculty to showcase their research and initiatives to Central Indiana business and nonprofit leaders.

Equally important to the Solution Center's success in the community is the [IUPUI Venture Fund](#) program. Through the Venture Fund, the Solution Center awards match funding to community partners in order to establish, enhance or sustain meaningful and challenging internships, class projects and applied research projects that challenge students to think critically, align knowledge with practice, become civically engaged, and prepare for the real world of work translate academics and knowledge into practice, positively impact partner organizations and address critical and relevant issues that advance the field, and/or represent the opportunity to advance community partnerships.

Priority is given to projects that ask students to work on a multi/inter-disciplinary team. All projects require a match from the community partner. More information on the IUPUI Venture Fund, including proposal guidelines, can be found on the [IUPUI Solution Center website](#).

STUDENT SPOTLIGHT

Building a Pipeline for Student Talent and Research

By Sarah Zike, Assistant Director, IUPUI Solution Center

The Solution Center works with community organizations to develop internship, service-learning courses, and experiential opportunities that impact the community and prepare students to live and work in Central Indiana. Since January 2009, the Solution Center has worked with 51 community partners to coordinate internships and class projects for 125 IUPUI students, including the following:

Dillinger! Forging a Hoosier Legend

In March 2009, Matt Groshek, a faculty member in the Herron School of Art and the School of Liberal Arts, partnered with the IN State Archives, the State Library, for-profit firm, Exhibit House, and the Solution Center to create a student-designed, exhibit titled *Dillinger! Forging a Hoosier Legend*. Six seniors in a Visual Communication, spring course (Robert Cooper, Michael Miller, Jenny Streif, Lindsay Craig, Isaac Arthur, and Cody Fague) developed a virtual exhibit plan that showcased John Dillinger's artifacts. The State Archives were so impressed by the plan that they asked the students to build the exhibit. The *Dillinger! Forging a Hoosier Legend* exhibit opened July 10, 2009, and since then, traffic has increased over 30% at the Indiana State Library, where it will run through December 31, 2009.

As a result of their work on the project, Cody, Robert, and Issac, established their own design consultancy firm, CODO Design, located in the Indiana Humanities Council headquarters in Indianapolis. Cody said, "We're excited about the potential for our role in the Indianapolis community, particularly in the nonprofit sector—we've decided that this is what we want to do with our lives."



Museum-goers explore the Dillinger! exhibit, created by IUPUI students

Hawthorne Community Center and Handi-Capable Hands

Kristy Sheeler, a faculty member in the School of Liberal Arts, needed community-based projects for her fall, graduate-level course, Public Communication Strategies. The Solution Center was able to identify two projects for Dr Sheeler that would allow her class to build on work done by interns and in other courses over the previous summer. The first partner, Hawthorne Community Center, is an 80-year-old, Westside, social service agency. The second, Handi-Capable Hands, is a nonprofit mailing company and workplace for adults with developmental disabilities.

The partnership with Hawthorne began as a summer, architecture technology project mentored by Darrell Nickolson, a faculty member in the School of Engineering and

Technology. His students created a design plan for a new building for the Hawthorne Community Center's existing and new programs. Extending this project to the students in Professor Sheeler's class will provide Hawthorne with the research they need to develop their communication and fundraising strategies.

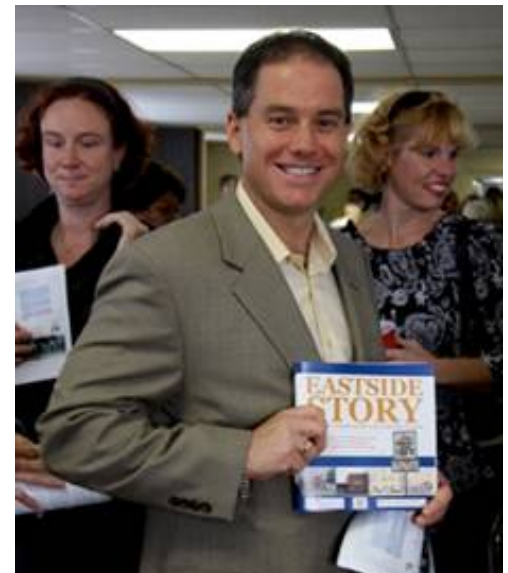
The Handi-Capable Hands project also began in the summer with a research internship for Lindsey Anderson, a graduate student in Applied Communications. Lindsey conducted business development research for the organization, and delivered a thorough constituent analysis. This fall, Sheeler's class is using Lindsey's research to create a communication plan and outreach strategy designed to increase clientele at Handi-Capable Hands.

TRANSLATIONAL RESEARCH IMPACT

Community-Based Research Class Produces Book on Neighborhood History

During Spring 2009, 13 students enrolled in a community-based research class ("Field Work in Ethnography") taught by Susan B. Hyatt, Associate Professor of Anthropology in the School of Liberal Arts at IUPUI. They embarked on a project to document the past and present of a neighborhood located on the Eastside of Indianapolis. The students collaborated with a local community group, the Community Heights Neighborhood Organization, to carry out the research, which covers the early history of the community up to the present.

Located on the east side of the city, Community Heights extends from Emerson Avenue to Arlington Avenue; from 10th to 21st streets. Student researchers conducted over 40 extended interviews with neighborhood residents; they gathered up and scanned old photos and other memorabilia from local residents and they carried out archival research on the history of the Community Heights neighborhood.



Walter E. Justus, President of Justus Homes Inc. Displaying one of the books

A selection of the students' work is compiled in a book released in October entitled, Eastside Story: Portrait of a Neighborhood on the Suburban Frontier. The book was published by the Neighborhood Alliance Press, a division of Doulos Christou Press, which is located at Englewood Christian Church at Rural and Washington Streets and the launch of the book took place at Arlington Heights Baptist Church (16th and Audubon) on October 10th. Over 100 local residents were present to celebrate the completion of the project. Grants to support the printing of 1,000 copies of the book were generously provided by: The Great Indy Neighborhoods Initiative's IMAGINE grant, administered by the Indianapolis Neighborhood Resource Center, the Solution Center at IUPUI, and The Justus Companies, Inc. The book is being distributed by the Community Heights Neighborhood Organization while supplies last (www.community-heights.org)

One of the neighborhood landmarks included in the book is the Historic Steer-in Restaurant, located at the corner of Emerson and 10th St. That site has been home to a restaurant since the early 1950s when it was owned by the Collins family and was known as the Northway. The restaurant was then bought by the Laughners in

the late 1950s and turned into one of many drive-in restaurants that graced Indianapolis and the Eastside in particular during that era. In 1964, Harold Phillips bought the restaurant and turned it into the restaurant then known as Harold's Steer-in, a name still in popular use among local residents. In 2007, the Kehrer family, long-time Eastside residents, took over the restaurant and changed the name to the Historic Steer-in. Members of the Kehrer family, along with former owner Harold Phillips and his wife, were present at the launch and are featured in the book.

Another important Eastside institution commemorated by this project is Justus Homes, Inc. The family-owned Justus Company built many of the distinctive brick bungalows that grace Community Heights beginning in the post-war period when the community was first being developed. Mr. Walter E. Justus, current president of the Justus Company, which is now in its 4th generation of family management, was also on hand for the launch of the book.

"This project is a celebration of a community with an interesting past and a vibrant future, but it is also recognition of the value of community-university partnerships and of the ability of undergraduate students to do excellent field research when given the opportunity," said Dr. Hyatt.

UPDATES

National Science Foundation Proposal & Award Policies & Procedures Guide Revised

The National Science Foundation (NSF) has issued a revised version of the NSF Proposal and Award Policies and Procedures Guide (PAPP) [NSF 10-1] that will be effective for proposals submitted on or after January 4, 2010. The PAPP Guide is comprised of documents relating to the Foundation's proposal and award process and is designed for use by both our customer community and NSF staff. The revised Guide is available on the NSF website at http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf101.

RECENT EXTERNAL FUNDING AWARDS

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

Grants and Awards - October 2009

PI	Agency	Project Title	School	Department	Total
EVAN JR, ANDREW P	NATIONAL INSTITUTE OF DIABETES & DIGEST.& KIDNEY	Strategies for Improved Shock Wave Lithotripsy	MEDICINE	ANATOMY & CELL BIOLOGY	\$7,824,424
TWIGG III, HOMER LEE	NATIONAL HEART, LUNG AND BLOOD INSTITUTE	Lung Microbiome and Pulmonary Inflammation/ Immunity in HIV Infection	MEDICINE	PULMONARY	\$3,771,264
MCBRIDE, WILLIAM J.	NATIONAL INSTITUTE ON ALCOHOL ABUSE AND ALCOHOLISM	Ethanol and nicotine co-abuse: cross sensitization of their reinforcing actions		PSYCHIATRY	\$2,578,698

BROXMEYER, HAL E	NATIONAL HEART, LUNG AND BLOOD INSTITUTE	Basic Science Studies on Gene Therapy of Blood Diseases	MEDICINE	MICROBIOLOGY & IMMUNOLOGY	\$2,140,520
SKAAR, TODD C	NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES	Regulation of drug metabolizing enzymes by miRNAs	MEDICINE	CLINICAL PHARMACOLOGY	\$1,762,160
BELECKY-ADAMS, TERI L	NATIONAL EYE INSTITUTE	Astrocyte Development and Reactive Gliosis	SCIENCE	BIOLOGY	\$1,233,752
GHETTI, BERNARDINO	WASHINGTON UNIVERSITY	Dominantly Inherited Alzheimer Network	MEDICINE	PATHOLOGY AND LABORATORY MED	\$801,360
BULL, MARILYN J	INDIANA CRIMINAL JUSTICE INSTITUTE	Automotive Safety Program	MEDICINE	PED-TRAFFIC SAFETY	\$800,000
SWIEZY, NAOMI BETH	INDIANA DEPARTMENT OF EDUCATION	HANDS in Autism Model: Training for Success in the Education Setting	MEDICINE	PSYCHIATRY	\$468,411
BROKAW, JAMES J	ELI LILLY AND COMPANY	Eli Lilly Scholars Program	MEDICINE	DEAN MED-STU CURRICULAR AFF	\$402,770
MATHER, KIEREN JAMES	BIOCHEM ANALYSIS CORP	Non-Invasive Assessment of Insulin Resistance	MEDICINE	ENDOCRINOLOGY	\$320,534
CICCARELLI, MARY R.	INDIANA STATE DEPARTMENT OF HEALTH	Center for Youth and Adults with Conditions of Childhood	MEDICINE	PED-EDUCATION OFFICE	\$320,000
SCHRADER, STUART M	MARION COUNTY HEALTH DEPARTMENT	09-10 Title XXVI HIV Health Care Services Program 1,2 Part A, Embergency Relief for Areas with Substantial Need for Services: Ryan White Part A Program IU as subcontractor.	DENTISTRY	DENTISTRY-RESEARCH	\$257,796
KAUFMAN-MCKIVIGAN, JOHN R	NATIONAL ARCHIVES AND RECORDS ADMINISTRATION	The Frederick Douglass Papers.	LIBERAL ARTS	HISTORY	\$250,627
GOLICHOWSKI, ALAN MICHAEL	INDIANA STATE DEPARTMENT OF HEALTH	Comprehensive Maternal and Primary Care Alliance	MEDICINE	OBSTETRICS AND GYNECOLOGY	\$229,000
CLARE, SUSAN ELIZABETH	THE BREAST CANCER RESEARCH FOUNDATION	Development of a Molecular Encyclopedia of the Normal Human Breast	MEDICINE	GENERAL SURGERY	\$200,000
MILLER, KATHY D.	THE BREAST CANCER RESEARCH FOUNDATION	A Phase II Study of VEGF Inhibition in Patients with Unilateral Upper Extremity Lymphedema Following Treatment for Cancer	MEDICINE	HEMATOLOGY/ ONCOLOGY	\$200,000
SLEDGE JR, GEORGE W	THE BREAST CANCER RESEARCH FOUNDATION	Angiogenesis in Breast Cancer	MEDICINE	HEMATOLOGY/ ONCOLOGY	\$200,000

GUO, ZHONGMIN	FLIGHT ATTENDANT MEDICAL RESEARCH INST	Roles of DNA Promoter Hypermethylation in Head and Neck Cancer Cisplatin Resistance	MEDICINE	MEDICAL SCIENCES PROGRAM	\$183,890
IVAN, MIRCEA	AMERICAN CANCER SOCIETY, INCORPORATED	Role of miR-210 in the Hypoxia Response and Tumorigenesis	MEDICINE	HEMATOLOGY/ ONCOLOGY	\$180,000
GOFF, PHILIP KEVIN	NATIONAL ENDOWMENT FOR THE HUMANITIES	The Many and the One: Religion, Pluralism, and American History	LIBERAL ARTS	Religious Studies	\$144,637
HOWENSTINE, MICHELLE SUZANNE	CYSTIC FIBROSIS FOUNDATION	Cystic Fibrosis Foundation Care Center Application for Accrediation and Funding 2009-2010	MEDICINE	PED-PULM CRITICAL CARE/ ALLERGY	\$135,840
DUSICK, ANNA M.	INDIANA STATE DEPARTMENT OF HEALTH	Comprehensive Developmental Care for Infants and Children with Special Health Care Needs	MEDICINE	PED-DEVELOPMENTAL PEDIATRICS	\$130,000
REX, DOUGLAS KEVIN	GIVEN IMAGING LTD	Evaluation of PillCam Colon 2 in Visualization of the Colon Protocol MA-202	MEDICINE	GASTRO-ENTEROLOGY	\$124,625
GRANNIS, SHARRON P.	INDIANA MEDICAL EDUCATION BOARD	Famiy Medicine Residency Education Grant	MEDICINE	FAMILY MEDICINE	\$122,165
PAYNE, RONALD MARK	FRIEDREICH'S ATAXIA RESEARCH ALLIANCE	Optimizing delivery of frataxin using cell penetrant peptides	MEDICINE	PED-CARDIOLOGY	\$120,000
HUTCHINS, GARY D.	UNIVERSITY OF TEXAS SOUTHWESTERN	From Animal Models to Therapeutics	MEDICINE	RADIOLOGY & IMAGING SCIENCES	\$119,598
SCHREINER, RICHARD LAWRENCE	CLARIAN HEALTH PARTNERS, INC.	Riley Hospital - Program for Children with Special Health Care Needs	MEDICINE	PED-CHAIRMAN'S OFFICE	\$119,066
MORRAL CODOL, NURIA	UNIVERSITY OF CINCINNATI	Regulated expression of hypothalamic CPT1 using gutless adenovirus	MEDICINE	MEDICAL & MOLECULAR GENETICS	\$101,452
COUNSELL, STEVEN R.	SCAN FOUNDATION	Dissemination of GRACE Care Management to High Risk Seniors of a Managed Care Medical Group	MEDICINE	GENERAL INTERNAL MEDICINE	\$100,000

OVCR INTERNAL GRANT DEADLINES

SIGNATURE CENTERS INITIATIVE (SCI) ROUND 3 CALL FOR PROPOSALS: The Office of the Vice Chancellor for Research invites proposals for the Round 3 Signature Centers Initiative (SCI) competition. Initially implemented in 2006, the SCI was developed to create strong research units that are uniquely identifiable with IUPUI. The centers were created as an integral part of the Academic Plan for IUPUI, with the goal that they will lead the way in world-class research and creative activities that will substantially enhance IUPUI's reputation. The proposal submission deadline is January 22, 2010. For more information and to apply, please go to <http://research.iupui.edu/funding/>.

OVCR WORKSHOPS AND EVENTS

Prereqs for Success: Lifecycle of a Grant Proposal

When: Thursday, December 03, 2009 | 02:00 PM-03:30 PM

Where: University Library, Room 1126

Presenters: Jean Mercer, Director of Grant Services in the IUPUI Office of Research Administration; and Randy Brutkiewicz, Assistant Dean for Faculty Affairs and Professional Development, IU School of Medicine.

Learn the basics of sponsored programs administration and meet key Sponsored Research Services staff. Participants will also gain insight into the pre-award and post-award processes at IUPUI. This workshop is co-sponsored by the Office of Research Administration

Register: <http://crl.iupui.edu/Events/eventsRegistration.asp?id=1739>

SAVE THE DATE - IUPUI Innovation Workshop: Discovery to Enterprise

When: Thursday, December 17, 2009

Time: Registration and Networking 08:30 AM-09:00 AM

Workshop 09:00 AM -12:00 PM

Where: Campus Center, Multi-Purpose Room (CE 450 A, B, C)

This workshop is designed as a kick-off to a campus-wide initiative supportive of researchers interested in turning research and discovery into commercially viable technologies and products. The workshop will start with an informational session on the programs and services available, including a set of new resources and services becoming available at IUPUI. This will be followed by sessions aimed at exploring faculty interests, responding to questions, and receiving comments and feedback.

The workshop is co-sponsored by the IUPUI Office of the Vice Chancellor for Research (OVCR), the IUPUI Solution Center, and the IU Research and Technology Corporation. Registration information will be available soon through the events sections of the OVCR web page (<http://research.iupui.edu/events/>) and the Solution Center web page (<http://www.iupui.edu/~solctr/solution-center-events/>). For more information, please contact Teresa A. Bennett, Director, IUPUI Solution Center, at 317 278-9170 or solution@iupui.edu.

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OTHER WORKSHOPS AND EVENTS

Scholarship at Lunch Time (SALT) Series

The SALT event series is aimed at showcasing interdisciplinary research efforts, promoting IUPUI research center activities, and encouraging new collaborative partnerships. This highly interactive event provides an opportunity to meet fellow researchers in an informal setting on a monthly basis at the Faculty Club. The event is open to non-members of the Faculty Club. Due to limited seating it is recommended that you sign-up prior to each scheduled presentation by calling Stephanie at 317-274-7014 or by sending an email to facclub@iupui.edu. Lunch is a buffet that includes soup, a salad bar, two warm entrees with side dishes, and desert for \$12.90 (includes tax and gratuity).

The following are upcoming presentations.

The Legacy of Frankenstein: Regenerative Biology and Medicine

When: Thursday, November 19, 2009 | 12:00 PM-01:00 PM

Presenter: David Stocum, Ph.D., School of Science

Dr. Stocum traces the medical legacy of Frankenstein from the 19th century to today, from the assembly of body parts into a monster, to the regeneration of new tissues and organs. Current methods for replacing tissues and organs damaged by injury or disease, as well as new technologies under development, such as cell transplants and bioartificial tissues and organs, will be presented. A discussion on the bioethical dilemmas regarding the sources of cells to be used will follow.

Mood, Stress, and Decision Making in a Virtual World

When: Friday, February 24, 2010 | 12:00 PM-01:00 PM

Presenter: Mark Pfaff, Ph.D., School of Informatics

Dr. Pfaff's research explores the intersection of people, information, and technology in computer-supported cooperative work environments through the use of experimental simulations and mixed-methodological approaches. The focus of this talk will be on applied cognitive psychology, with some discussion of the systems used in complex work environments.

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 INSTITUTES OF HEALTH

Engineered Nanomaterials: Linking Physical and Chemical Properties to Biology:

The National Institute of Environmental Health Sciences invites applications that will (1) determine which physical or chemical characteristic of an engineered nanomaterial (ENM), or cluster of characteristics, is integral to ENM-molecular interactions in a cellular process or organ system and (2) relate these findings to potential health effects. NIEHS recognizes that three types of activities need to converge to accomplish this research agenda. The first activity should focus on a detailed understanding of how physical and chemical characteristics of ENMs influence their molecular interactions at the cellular level, while the second activity should determine how the physical and chemical characteristics critical to that interaction are associated with any observed physiological or pathobiological events. The third activity will capitalize on these multidisciplinary efforts through integration of biochemical, molecular, and physiological mechanisms to expand traditional hazard identification and health risk assessment. An extraordinary level of synergy, integration, and potential for advancement of ENM hazard identification and risk assessment is expected. *Application deadline is January 22, 2010.*

Roadmap Transformative Research Projects Program: The National Institutes of Health invites transformative Research Project Grant (R01) applications from institutions/organizations proposing groundbreaking, exceptionally innovative, high risk, original and/or unconventional research with the potential to create new scientific paradigms or challenge existing ones. The NIH encourages Transformative Research Projects Program (R01) applications from scientists representing all disciplines relevant to the NIH mission, including the biological, behavioral, clinical, social, physical, chemical, computational, engineering, and mathematical sciences. Projects must clearly demonstrate potential to produce a major impact in a broad area of biomedical or behavioral research. Descriptions of projects funded in 2009 can be found at <http://nihroadmap.nih.gov/T-R01/recipients09.asp>. *Application deadline is January 22, 2010.*



NATIONAL SCIENCE FOUNDATION

Major Research Instrumentation: The Major Research Instrumentation Program (MRI) is designed to increase access to scientific and engineering equipment for research and research training in our Nation's organizations of higher education, research museums and non-profit research organizations. This program seeks to improve the quality and expand the scope of research and research training in science and engineering, and to foster the integration of research and education by providing instrumentation for research-intensive learning environments. The MRI program encourages the development and acquisition of research instrumentation for shared inter- and/or intra-organizational use and in concert with private sector partners. **This is a limited submission opportunity that requires internal coordination by the Office of the Vice Chancellor for Research. The internal deadline is November 23, 2009.** *Pending the availability of funds, the next annual MRI competition deadline is expected to be January 28, 2010.* For more information about this limited submission opportunity, go to <http://ovpr.indiana.edu/lmsub/LimSubDetail.asp?Number=1095>

Virtual Organizations as Sociotechnical Systems (VOSS): The Virtual

Organizations as Sociotechnical Systems (VOSS) program supports fundamental scientific research, particularly advances in social, organizational and design science understanding, directed at advancing the understanding of how to develop virtual organizations and under what conditions virtual organizations can enable and enhance scientific, engineering, and education production and innovation. Disciplinary perspectives may include (but are not limited to) anthropology, complexity sciences, computer and information sciences, decision and management sciences, economics, engineering, organization theory, organizational behavior, social and industrial psychology, public administration, political science and sociology. *Application deadline is January 25, 2010.*



NATIONAL ENDOWMENT FOR THE HUMANITIES

Challenge Grants in United States History and Culture: This grant opportunity is designed to help institutions and organizations strengthen their ability to explore significant themes and events in American history, so as to advance our understanding of how—since the nation’s founding—these events have shaped and been shaped by American identity and culture. NEH seeks to support a range of approaches to the American experience: for example, approaches might explore significant events in America’s history, its democratic institutions, the political principles on which the nation is founded, or the complicated mix of peoples and cultures that have formed America. Also welcome are proposals that seek support for the study of the history and culture of the United States in international contexts rather than in isolation—proposals that explore relationships with other nations and cultures that have profoundly affected the course of United States history. *Application deadline is February 3, 2010.*

CENTERS FOR DISEASE CONTROL AND PREVENTION

Research Grants for Preventing Violence and Violence –Related Injury: The focus is on building the scientific base for the prevention of violence by helping to expand and advance our understanding of the etiology and primary prevention of interpersonal and self-directed violence; encouraging professionals from a wide spectrum of disciplines of epidemiology, behavioral and social sciences, medicine, biostatistics, public health, health economics, law, and criminal justice, to perform research in order to prevent violence more effectively; and encouraging investigators to propose research that involves the development and testing of primary prevention strategies as well as research on methods to enhance the adoption and maintenance of effective strategies among individuals, organizations, or communities. *Application deadline is January 22, 2010.*

DEPARTMENT OF DEFENSE

Multidisciplinary Research Program of the University Research Initiative:

The focused is on multidisciplinary research efforts that intersect more than one traditional science and engineering discipline to address issues of critical concern to the DoD. As defined by the DoD, "basic research is systematic study directed toward greater knowledge or understanding of the fundamental aspects of phenomena and of observable facts without specific applications towards processes or products in mind. It includes all scientific study and experimentation directed toward increasing fundamental knowledge and understanding in those fields of the physical, engineering, environmental, and life sciences related to long-term national security needs. It is farsighted high payoff research that provides the basis for technological progress." 30 specific topics are listed. Deadline for submission of white papers is December 11, 2009.

DID YOU KNOW?

Campus Facts

Awards to IUPUI for fiscal year 2009-10 are up 36% compared to the same period last year and 16% ahead of the same period for fiscal year 2007-08 (a record year). Groups with significant increases at this point over last year include: Dentistry, Engineering and Technology, IUPU Columbus, Medicine, Science, Social Work and University College. Proposals submitted are down 15% compared to the previous fiscal year. Groups with significant increases in proposals submitted compared to last year, are: Dentistry, Education, Informatics, Liberal Arts and Science.

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://www.nsf.gov/mynsf/>. 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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