

April 19, 2011

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FEATURE STORY

IUPUI Celebrates Research and Scholarly Activity at 2011 Research Day



On April 8, the Office of the Vice Chancellor for Research and its affiliated units (Center for Research and Learning and Solution Center) hosted the 2011 IUPUI Research Day. This open-house event allowed hundreds of participants to interact with IUPUI's researchers and see how IUPUI's research and creative activity are reaching across the city, state, nation and the world. This event was successful in meeting its primary objectives of showcasing IUPUI's cutting-edge research and scholarly activities, and bringing together a diverse cross-section of the IUPUI faculty, staff, and students, as well as our community partners.

Research Day began with undergraduate, graduate and professional student poster presentations, followed by afternoon faculty poster presentations, a community research showcase and a networking reception. To access a complete list of faculty poster presentations, visit <http://research.iupui.edu/events/researchday2011/facultyposters.html>.

The afternoon also featured the Research Frontiers Distinguished Lecture, **A Quincunx Point: An Overlap of Art, Mathematics, Music, Science and Perhaps Theology**, presented by Dr. S. James Gates, *John S. Toll Professor of Physics at the University of Maryland, College Park and member of President Obama's Council*



Dr. S. James Gates

of Advisors on Science and Technology.

Winners of the Research Frontiers Trailblazer Award were also recognized at Research Day. This year's awardees are Dr. Kelly Hayes from the School of Liberal Arts, Dr. Daniela Matei from the School of Medicine and Dr. Stewart Warden from the School of Health and Rehabilitation Sciences.

The top Graduate and Professional student posters were:

1st Scott R. Hudson, Adviser: Teri Belecky-Adams
Meckelin-3 in photoreceptor outer segment

2nd Samantha Dietz, Adviser: Randall Roper
Molecular Basis and Modification of a neural crest deficit in a Down syndrome model

3rd Samira Toloue, Adviser: Stephen Blanchard
A clinical and histomorphometric study of calcium sulfate (Dentogen), compared to freeze dried bone allograft (FDBA) for Aveolar ridge preservation

The top Undergraduate student posters were:

1st Alex Lindsey, Mentor: Leslie Ashburn-Nardo
WHAT WOULD A LEADER DO? THE EFFECT OF LEADERSHIP TYPE ON DECISIONS TO CONFRONT PREJUDICE

2nd Melanie Day, Mentor: Randall Roper
IN VITRO TREATMENT OF DEFICITS IN NEURAL CREST PROLIFERATION AND MIGRATION IN MOUSE MODELS FOR DOWN SYNDROME

3rd Haili Theriac and Todd Dodge, Mentor: Angela Bruzzaniti
ROLE OF OSTEOCLASTS IN THE BIOCORROSION OF METAL IMPLANTS

3rd Moonsik Chung, Akram Khatib, Krishna Patel, an Ameya Sharma, Mentors: Youngsik Kim and Rongrong Chen
ALL-SOLID-STATE RECHARGEABLE Li BATTERIES

As the Office of the Vice Chancellor begins planning for the fourth annual IUPUI Research Day event April 13, 2012, participants and the broader IUPUI community are encouraged to send feedback and suggestions to OVCR@iupui.edu.

ANNOUNCEMENTS

2011 Research Frontiers Trailblazer Award Winners Announced at Research Day

Established in 2010, the Research Frontiers Trailblazer Award recognizes outstanding IUPUI researchers who are showing great promise in becoming nationally and internationally known for their accomplishments in advancing the frontiers of knowledge. Specifically, the award is for outstanding research and scholarly activity accomplishments by an Associate Professor, within the first three years of promotion or appointment in the given rank.

The winners of the 2011 Research Frontiers Trailblazer Awards were announced at the IUPUI Research Day on April 8th and represented research on Afro-Brazilian religious practices, the



(Left to Right) Dr. Stuart Warden, Vice Chancellor Kody

biology of ovarian cancer, and the metabolism and reparative ability of bone. Associate Professor of Religious Studies Kelly Hayes, Associate Professor of Medicine Daniela Matei, and Associate Professor of Physical Therapy Stuart Warden each were recognized for their trailblazing research.

Dr. Hayes has established herself as a true pioneer in the study of Macumba, an Afro-Brazilian religious practice among Brazil's poor and working class. Her potential for national and international recognition is solidified by the much anticipated release of her first book, *Holy Harlots: Femininity, Sexuality, and Black Magic in Brazil*. Already those in her field are hailing it as an instant classic that is sure to shape the path of inquiry in the field of religious studies for years to come.



Executive Vice Chancellor Uday Sukhatme and Dr. Kelly Hayes

Dr. Matei is advancing research in the area of biology of ovarian cancer and therapeutic targeting. Ovarian cancer remains the major cause of fatality from gynecologic tumors and a significant cause for cancer-related death in women, which punctuates the importance of her research. One of Dr. Matei's major projects is focused on understanding the effects of epigenetic therapies in combination with chemotherapy in gynecologic cancer. Her studies on metastasis in ovarian cancer have resulted in the development of an animal model with promise of new insights into the stages of cancer dissemination.



Executive Vice Chancellor Uday Sukhatme and Dr. Daniela Matei

Dr. Warden is making many significant contributions in the area of the metabolism and reparative ability of bone and its response to mechanical stimuli. His research is multifaceted and spans a range of issues. For example, his current work is revealing the skeletal effects of selective serotonin reuptake inhibitors (SSRIs) and demonstrating the lifelong skeletal benefits of exercise.



Executive Vice Chancellor Uday Sukhatme and Dr. Stuart Warden

The Chancellor’s Translating Research Into Practice (TRIP) Initiative at IUPUI Research Day

Twenty six of the 100 poster exhibits at the annual Research Day held Friday, April 8th included TRIP faculty. At its core, the IUPUI TRIP initiative illustrates and fosters interdisciplinary and cross-disciplinary research targeting goals which work toward the betterment of people’s lives across communities, our state, and beyond. The faculty on the IUPUI campus are making a difference to farmers, manufacturers, the service industry, our waterways, policy makers, educators, and to the health and well-being of our citizens through their focus on translational research. Their translational research takes knowledge generated from scientific inquiry and humanistic scholarship and transforms that knowledge into practices and solutions.

Translational research solves problems people face in their everyday lives by using meaningful, evidenced-based information to address complex social, health, governmental, cultural, and relational issues. This process is more than just application. Translational research intentionally targets a problem and constructs an answer based on evidence.

To learn more about the TRIP Initiative and to consider including your translational research in the TRIP database, visit www.trip.iupui.edu or contact Stephan Viehweg at sviehweg@iupui.edu.

Grant Supports Learning and Persistence Study

Indiana University-Purdue University Indianapolis (IUPUI), Purdue University (PU), and Florida International University (FIU) will participate as a consortium to test the transportability of Cyber Peer-Led Team Learning (cPLTL) developed at IUPUI. CPLTL was developed with funding from Academic Affairs and the National Science foundation. The model has been studied at IUPUI and is showing positive impact on student learning in introductory chemistry. Purdue and Florida International Universities were selected as replication sites because they have the infrastructure and the interest necessary for introducing cPLTL into their introductory biology courses. Peer-Led Team Learning (PLTL), the face-to-face predecessor to cPLTL, has proven to be a high-impact pedagogy in the Science Technology, Engineering, and Mathematics (STEM) disciplines. PLTL is a model of teaching that preserves the lecture and replaces recitation in science courses with a weekly two-hour session. During these interactive sessions (workshops), six to eight students work as a team to solve carefully constructed problems under the guidance of a peer leader.

The consortium will employ a team of investigators to implement, expand, and evaluate the project's development over the course of the 15 month grant period. As the lead institution, IUPUI will draw on the expertise of its science and education research faculty and utilize its cutting-edge technology resources. The Principal Investigator of the project is Pratibha Varma-Nelson, Professor of Chemistry and Executive Director of IUPUI's Center for Teaching and Learning (CTL). She has extensive knowledge and expertise in the development, implementation and dissemination of Peer-Led Team Learning (PLTL) and will guide the overall development and direction of the project.

Joshua Smith, Associate Professor of Educational Psychology and Director of the Center for Urban & Multicultural Education is a Co- PI for the project and will oversee research conducted at the three sites. Faculty in the Biological Sciences are also involved at Purdue and Florida International University as co-principal investigators. Associate Professor, Dr. Nancy Pelaez will provide leadership for implementation activities at Purdue University, and Thomas Pitzer will lead similar activities for Florida International University. Instructional technology consultants from the CTL at IUPUI, Lorie Shuck, Tom Janke, and Randy Newbrough will serve as consultants to FIU and PU.

New Site Gives Unfunded Applications another Opportunity at Funding

Read and share comments about this article -- go to the [March 21, 2011, NIAID Funding Blog post](#). Feeling concerned because your research project was not funded? Cheer up, all may not be lost. A week before Valentine's Day, the [National Health Council](#) (NHC) launched an online "matchmaker" to connect unfunded NIH applications with alternative funding sources. Through the [Health Research Funding](#) Web site, any researcher whose project was scored but not funded can post their abstract and contact information for free. Using these details, registered organizations can search for and find projects that appeal to them. For now, the site houses profiles of over 40 patient advocacy groups, including the American Cancer Society and the Alzheimer's Association. It will eventually grow to include companies and private investors. To learn more about the site, which was created with NIH's input, read NHC's [Frequently Asked Questions](#).

Register now for the Third Annual Indiana CTSI Meeting on April 25

Please sign up now to attend the third annual meeting from the Indiana Clinical and Translational Sciences Institute (CTSI), *"Enhancing Health Care and Research Through Public-Private Partnerships,"* from 8:25 a.m. to 4 p.m. Monday, April 25, 2011 at the University Place Conference Center and Hotel, 850 W. Michigan St., Indianapolis. Registration begins at 7:45 a.m.

This year's event will feature Barbara Alving, MD, director of the National Center for Research Resources at the National Institutes of Health, and Andrew Schafer, MD, Distinguished Professor and chair of medicine at Weill Cornell Medical College and physician-in-chief at New York Presbyterian Hospital. Additional speakers include Jan Lundberg, PhD, president of Lilly Research Laboratories, as well as updates from Wishard Hospital, IU Health and the Indiana Institute for Personalized Medicine. A poster presentation and breakout session are also scheduled.

This is a free event. Breakfast and lunch will be provided. For this year's complete agenda, please see below or [click here](#) to download a copy.

CME credits are available. To RSVP by **Wednesday, April 20**, please visit [our registration page](#).

CENTER SPOTLIGHT

Bradbury Center Publications Provide New Insight into American Icon

The first stories written by one of America's most popular authors, including 13 previously uncollected tales few people have read, have been published in a new critical edition edited by two professors at IUPUI.

In "The Collected Stories of Ray Bradbury – A Critical Edition: Volume I, 1938-1943," editors William F. Touponce and Jonathan R. Eller, have begun a three-volume quest to present Bradbury's stories in the order in which they were written and in the earliest text version that the Pulitzer-prize winning author intended to present to the public.

Touponce is a professor of English and Director of the Center for Ray Bradbury Studies in the Institute for American Thought within the IU School of Liberal Arts. Eller is professor of English, Senior Textual Editor, Institute for American Thought, and co-founder of the Center for Ray Bradbury Studies. Eller also is textual editor for the Peirce Edition Project and the Santayana Edition in the Institute for American Thought.

The book has the seal of approval of the Modern Language Association, the largest body of scholars in the U.S., making its publication of national significance. The edition is published by Kent State University Press. The 3,000 copies of the book that were published are expected to be purchased quickly.

"It's difficult to study creative development if you don't have the stories arranged in chronological order," Touponce said. Since Bradbury's stories were frequently rewritten or edited by someone other than Bradbury, it also is important to present them in the version the author intended them to be published, he noted. About half of the book is critical commentary of the stories, providing the textual history of each story.

Some of the stories in the volume are well-known, such as "The Crowd," and "The Small Assassin," which are very important to the genre of horror and detective fiction. Touponce said. But there are also 13 stories that have never appeared in Bradbury collections. People would not have been able to read them unless they had been able to find the magazine in which they were published, a difficult feat, Touponce added.

"This really takes a look at Bradbury's origins, not only his pulp writings, but his amateur writings that he wrote and published himself," Touponce continued. Born in 1920, Bradbury was not long out of high school when he made his first professional sale in 1941. The cover of the book features a photo of Bradbury at a high school football game.

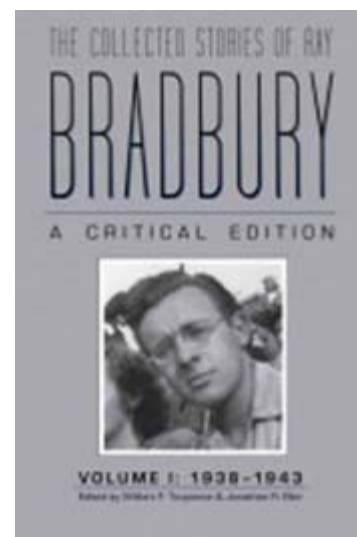
The Center for Ray Bradbury Studies was established in the spring of 2007 as the nation's first center for the study of Ray Bradbury, one of the best-known American cultural figures of the twentieth century. His work and influence spans many aspects of modern American intellectual and popular culture, including mainstream literature, the highly popular genre fields of science fiction, fantasy, horror, and detective fiction, and nearly all forms of media presentation, including radio, television, stage drama, film, magazines, periodical and book illustration, and graphic fiction. He is regarded as a cultural mentor in such widely divergent fields as creative writing, education, public transportation, theme parks, and urban architecture.

The Bradbury Center is also repository for unique photocopies of a number of Bradbury manuscript materials and houses a database of all Bradbury's correspondence as well as all of his published writings.

The central organ of the Center is "The New Ray Bradbury Review," edited by Touponce and published by



Dr. William Touponce and Dr. Jonathan R. Eller



Kent State University Press. Dedicated to the life and writings of Bradbury, it is designed primarily to study the impact of Ray Bradbury's writings on American culture. Its first issue is devoted to the question of adaptation, or Bradbury's translation into other media.

FACULTY SPOTLIGHT

"Holy Harlots" Book by IUPUI Professor Examines How People Draw on Religious Resources

What does the disembodied spirit of an unruly harlot in Brazil have to do with religion? As readers of a new book by Kelly E. Hayes, an associate professor of Religious Studies in the IU School of Liberal Arts at IUPUI discover: everything.

The book, "Holy Harlots: Femininity, Sexuality, and Black Magic in Brazil," focuses on an Afro-Brazilian spirit entity, Pomba Gira, that plays a central role in the life of a Brazilian priestess with whom Hayes has worked in Brazil for the past decade.

It will be published by University of California Press in May, 2011. A DVD of the documentary film Hayes made about Afro-Brazilian religions, "Slaves of the Saints," comes with the purchase of the book.

"My orienting approach as a scholar is that religion doesn't exist in some pure form apart from a human context," Hayes said. "While the book focuses on Afro-Brazilian religious practices, it examines a phenomenon that is common to all religions: how people draw on the religious resources that are available to solve problems in their own lives."

Hayes' interest in religious practices in Brazil stems from Africa, where she lived for a year as an undergraduate student. That experience led Hayes to explore how African traditions brought to the New World developed and changed, particularly in Brazil which has an especially strong African heritage.

Afro-Brazilian religions are a product of Catholic traditions brought to Brazil by Portuguese colonizers and African religions brought by slaves, Hayes said. Brazil received from nine to 12 times the number of slaves that North America did, so the African legacy in Brazil is much stronger than it is in North America, she added.

"The Afro-Brazilian pantheon reflects Brazil's multicultural heritage and includes Catholic saints, African ancestral divinities, and the spirits of black slaves, indigenous Indians, and other archetypal folk characters from Brazilian folk history," Hayes said.

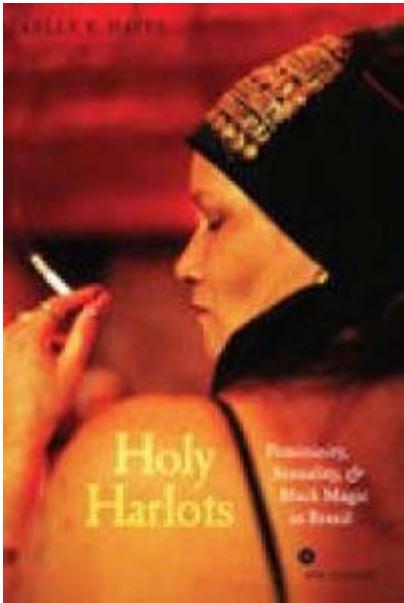
According to Hayes, the basic idea in Afro-Brazilian religions is that various spiritual beings are active in the lives of humans, for good or ill.

Drawn by marginalized religious practices that are characterized by some as black magic as well as marginalized working class populations living in shanty towns, Hayes looks at the "spirits of the streets"; spirits of actual human beings who lived on the streets and died on earth, such as Pomba Gira.

While this spirit is seen by many as a devil-like figure and a harlot because she is usually said to have been a prostitute, followers of Pomba Gira nonetheless view her as someone who understands their problems, particularly problems that touch on the more complex aspects of human behavior like sexuality and money.

In the book, Hayes examines Pomba Gira, the ritual practices associated with her, why she is important to many Brazilians, and the myths and legends associated with her. Hayes also places Pomba Gira in the context of one woman's life, looking at how Pomba Gira has played a central role in that woman's life.

"Peoples' lives and peoples' religious practices are intimately enmeshed," Hayes said. "If you want to understand religion writ large you have to look at how people have appealed to the religious resources available to them to make sense out of their lives."



Ch. Didier Gondola, Ph.D.
Department of History
School of Liberal Arts

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 table highlights those receiving \$100,000 or more in external grants.

Grants and Awards - March 2011

PI	Agency	Project Title	School	Department	Total
EINTERZ, ROBERT	USAID	AMPATH Program	MEDICINE	GENERAL INTERNAL MEDICINE	\$12,000,000
ZHANG,XIN	NATIONAL EYE INSTITUTE	Signaling Mechanisms of Lens Development	MEDICINE	MEDICAL & MOLECULAR GENETICS	\$1,540,000
ROSENMAN,MARC BRIAN	AGENCY FOR HEALTHCARE RESEARCH AND QUALITY	Reducing Healthcare-Associated Infections using an Infection Control Network	MEDICINE	PED-HEALTH SERVICES RESEARCH	\$1,426,389
MIRMIRA, RAGHAVENDRA G	JUVENILE DIABETES RESEARCH FOUNDATION INTERNATIONA	Deoxyhypusine synthase: a novel target for beta cell protection	MEDICINE	PED- ENDOCRINOLOGY BASIC RES	\$266,000
ROSEN,ELLIOT DAVID	INPHOTON, LLC	Kidney multiphoton analysis of therapeutic agents	MEDICINE	MEDICAL & MOLECULAR GENETICS	\$248,006
CARPENTER,JANET	FRED HUTCHINSON CANCER RESEARCH CENTER	Interventions for Relief of Menopausal Symptoms: A 3-by-2 Factorial Design Examining Yoga, Exercise, and Omega-3 Supplementation	NURSING	NURSING	\$212,849
TOULOUKIAN, CHRISTOPHER EDWARD	V FOUNDATION FOR CANCER RESEARCH	The Use of Gene-modified Lymphoid Progenitor Cells for Treatment of Patients with Metastatic Melanoma	MEDICINE	GENERAL SURGERY	\$200,000
BERGHOFF,BETH ANNE	INDIANA COMMISSION FOR HIGHER EDUCATION	IUPUI Reading and Writing Project	EDUCATION	EDUCATION	\$175,176
STUREK,MICHAEL STEPHEN	ELI LILLY AND COMPANY	FGF21 Attenuation of Coronary Artery Disease in Metabolic Syndrome	MEDICINE	CELLULAR & INTEGRATIVE PHYSIO	\$155,034
EBRIGHT,PATRICIA R.	NATIONAL COUNCIL OF STATE BOARDS OF NURSING	A Multi-Site, Mixed Method Examination of Student and Faculty Experiences and Interactions in Clinical Practice	NURSING	NURSING	\$142,665
NURNBERGER JR,JOHN I	REGENTS OF THE UNIVERSITY OF CALIFORNIA	Pharmacogenetics of Mood Stabilizer Response in Bipolar Disorder	MEDICINE	PSYCHIATRY	\$126,068
HAMMOND,FLORA MCCONNELL	CAROLINAS HEALTHCARE SYSTEM	Creating a Structured Interview to Improve the Reliability and Psychometric Integrity of the Disability Rating Scale	MEDICINE	PHYSICAL MEDICINE & REHAB	\$111,191
BRUTKIEWICZ,RANDY R	U.S. DEPARTMENT OF DEFENSE	Regulation of CD1d Antigen Presentation by Merlin	MEDICINE	MICROBIOLOGY & IMMUNOLOGY	\$105,433
ROONEY,PATRICK M.	ROCKEFELLER BROTHERS FUND	Enhancing Capacity and Effectiveness of South China NGOs	LIBERAL ARTS	CENTER ON PHILANTHROPY	\$100,000

OVCR WORKSHOPS AND EVENTS

Community of Science

When: Thursday, April 21, 2011 | 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=2232>

OVCR Responsible Conduct of Research Workshop Series: Developing Effective Community Research Partnerships

When: Wednesday, May 11, 2011 | 10:00 AM-11:30 AM

Where: University Library, Room 2115E

The involvement of the community in research helps to enhance the community's ability to address many issues and ensures that researchers understand community priorities. The aim of this workshop is to explore the concept of community engagement and provide guidance on how to develop and sustain successful partnerships with the community.

Register: <http://crl.iupui.edu/Events/eventsRegistration.asp?id=2255>

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.

ADMINISTRATION FOR CHILDREN AND FAMILIES (HHS)

Research Center to Support Secondary Analyses of Head Start Impact Study Data: This cooperative agreement will provide funds to support a research center focused on secondary analysis of the Head Start Impact Study data. The specific goals of the grant program are to: 1) strengthen our understanding of the relationship between center, classroom, and teachers' characteristics and Head Start's impact by supporting studies with varied but strong methodological approaches to addressing this issue; 2) build a consortium of researchers conducting complementary studies of the relationship between characteristics of Head Start centers, classrooms, and teachers and impacts on children and families; and 3) build a community of researchers with expertise and knowledge of the Head Start Impact Study data. *Application deadline is May 2, 2011.*

DEPARTMENT OF JUSTICE -OFFICE OF JUVENILE JUSTICE AND DELINQUENCY PREVENTION (OJJDP)

Mentoring for Youth with Disabilities Initiative: OJJDP invites community mentoring partnerships or collaboratives that target youth with disability-related challenges that heighten their risk for delinquency to apply. This initiative builds upon the foundation of evidence-based practices for effective mentoring and encourages communities to implement and enhance mentoring programs for youth with disabilities. These mentoring efforts will integrate best practices and proven principles into mentoring service models, including efforts to systematically recruit, train, and support mentors in their efforts to encourage individual youth to maximize personal strengths and to develop compensatory skills in specific areas of disability. *Application deadline is May 16, 2011.*

DEFENSE ADVANCED PROJECTS ADMINISTRATION (DARPA)

DARPA is soliciting proposals for innovative research into the identification of and training in social interactions skills warfighters can apply to effect successful outcomes in social encounters with strangers in unfamiliar and hostile environments and in enhancing the warfighters' human dynamics proficiencies during such encounters. The proposed research should investigate innovative approaches that enable revolutionary advances in social science, training, or validation. *Application deadline is May 10, 2011.*

NATIONAL INSTITUTES OF HEALTH

Family and Interpersonal Relationships in an Aging Context (R01): The National Institute on Aging invites researchers to submit innovative R01 research grant applications on aging and the family. The objective of this research program is to expand understanding of the role of families and interpersonal relationships in the health and wellbeing of older people. This will be accomplished through increasing scientific knowledge on the effects of family and interpersonal relationships on behavioral and social processes of relevance to aging; and on how these processes change over the life course and across cohorts. A broad range of methods and approaches are encouraged. *Next application deadline is June 5, 2011.*

Disclosure of HIV-Status to Children in Low- and Middle-Income Country Settings (R01, R21): The focus is on assessing intervention studies of the process of disclosure of HIV infection status to children infected and affected by HIV in low-resource settings and for the process of HIV-infected women (and other caretakers) disclosing their HIV status to their children, or both. *Application deadline is Nov. 29, 2011.*

NATIONAL SCIENCE FOUNDATION

Faculty Early Career Development (CAREER) Program: The Faculty Early Career Development (CAREER) Program is a Foundation-wide activity that offers the National Science Foundation's most prestigious awards in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations. Such activities should build a firm foundation for a lifetime of leadership in integrating education and research. *Application deadline is July 25, 2011.*

Developmental and Learning Sciences (DLS): DLS supports fundamental research that increases our understanding of cognitive, linguistic, social, cultural, and biological processes related to children's and adolescents' development and learning. Research supported by this program will add to our basic knowledge of how people learn and the underlying developmental processes that support learning, with the objective of leading to better educated children and adolescents who grow up to take productive roles as workers and as citizens. *Application deadline is July 15, 2011.*

NAVAL POSTGRADUATE SCHOOL –BROAD AGENCY ANNOUNCEMENT FOR ACQUISITION RESEARCH PROGRAM

The focus is on attracting outstanding researchers and scholars to investigate topics of interest to the defense acquisition community. The program solicits innovative proposals for defense acquisition management and policy research to be conducted during fiscal year (FY) 2011 (1 Oct 2010 - 30 Sep 2011) and FY 2012 (1 Oct 2011 - 30 Sept 2012). In this BAA, the phrase defense acquisition management and policy research refers to investigations in all disciplines, fields, and domains that (1) are involved in the acquisition of products and/or services for national defense, or (2) could potentially be brought to bear to improve defense acquisition. It includes but is not limited to **economics, finance, financial management, information systems, organization theory, operations management, human resources management, and marketing, as well as the traditional acquisition areas such as contracting, program/project management, logistics, and systems engineering management.** *Application deadline is June 13, 2011.*

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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