

Research Enterprise

September 17, 2012

INSIDE THIS ISSUE:

- [Message from the Vice Chancellor for Research](#)
- [Announcements](#)
- [Center Spotlight](#)
- [Faculty Spotlight](#)
- [Student Spotlight](#)
- [Translational Research Impact](#)
- [OVCR Internal Grant Deadlines](#)
- [Other Grant Deadlines](#)
- [OVCR Events and Workshops](#)
- [Current External Funding Opportunities](#)
- [Identifying Funding Opportunities](#)

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 [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.

MESSAGE FROM THE VICE CHANCELLOR FOR RESEARCH

Dear Colleagues,

This is my fifth year of service at IUPUI as the Vice Chancellor for Research. During this time we have been working closely with campus stakeholders, and have developed a strategic research roadmap for IUPUI, which we have been using as the guidepost to aid our campus in reaching its full potential in research and scholarly activity.

The main elements of this roadmap consist of a set of [vision, mission, and goals](#), supportive of the [campus vision, mission, and values](#).



Vice Chancellor Kody Varahramyan

In partnership with campus units, we have been working to achieve the research roadmap objectives. As part of this, we have developed and organized the resources available through my office to best serve our campus' research needs and strategic objectives. Currently, there are three synergistic units organized under my office, consisting of the [Office of Research Development](#), the [Center for Research and Learning](#), and the [Solution Center](#). While each of these units have their respective missions, combined they serve the primary goal of advancing the IUPUI research enterprise, with emphasis on pursuing innovation, and achieving impact.

We have strived to make my office proactive, responsive and inclusive in our support of research and creative activity. In working with you, our campus is emerging as a top urban research university, and is establishing a reputation as a national leader in key research and scholarly activity areas. Through your research

and scholarly activity efforts, you are expanding the frontiers of knowledge, addressing important national and global needs, and transforming the generated knowledge into practices and solutions that improve people's lives, generate economic growth, and contribute to social well being.

I would like to take this opportunity to thank you for your contributions to the advancement of our campus' research enterprise. Through our collective efforts we have been instrumental in moving forward our campus-wide strategic initiatives, including the [Translating Research into Practice](#), and the [Signature Centers Initiative](#), and have been developing new initiatives, such as the [IUPUI Arts and Humanities Institute](#), the [IUPUI Imaging Research Initiative](#), the [STEM Education Research Institute](#), the [Integrated Nanosystems Development Institute](#), and the [Innovation-To-Enterprise Central](#).

Moreover, in our quest to best serve you, we have further developed the programs and services available through my office to assist you in advancing your research and scholarly activities. These includes a variety of [internal grant programs](#), [workshops and training programs to succeed in research](#), [proposal development services](#), [research commercialization support](#), [undergraduate research and learning programs](#), and [campus-community engagement programs](#).

I appreciate your efforts in support of our campus' research mission, which is *to develop and expand innovative research programs that align well with institutional mission and strategic plan, address important national and global needs, and through technology transfer and commercialization noticeably support the economic development of Indiana and the nation*. Moreover, as we carry out this mission, we are progressing well in our pursuit of realizing our campus' research vision, which is *to be the best urban research university by conducting world-class research, scholarship, and creative activities that develop knowledge and contribute to the economic growth and social advancement of Indiana and the nation and benefit humanity as a whole*.

As always, your inputs and comments are always welcomed and valued.

Kody Varahramyan
Vice Chancellor for Research

ANNOUNCEMENTS

New Assistant Vice Chancellor for Research

The Office of the Vice Chancellor for Research (OVCR) is pleased to announce that Dr. Dominique Galli has been named the new Assistant Vice Chancellor for Research.

Dr. Galli brings a wealth of scholarly work and experience to this position. She has been the PI on NIH grants and in recent years transitioned from single investigator to leading a multidisciplinary research team that investigates the oral-systemic health connection. She has served as the President of the Indiana Branches of both the American Society for Microbiology and the American Association for Dental Research. She also worked for two years as a faculty fellow in the Office of Academic Affairs, where she was charged with engaging colleagues across the campus to raise IUPUI's research profile, particularly in the area of interdisciplinary research, and to organize a series of workshops for new chairs.



Dominique M. Galli, PhD
Assistant Vice Chancellor for Research
Associate Professor, Department of Oral

"I am very excited to join OVCR to support and advance its mission to grow research and creative activities at IUPUI, a charge that is vital to the success of our campus," said Dr. Galli. "Over the years I have established and enjoyed a good working relationship with Vice Chancellor Varahramyan and his staff particularly through my work on the Signature Centers Initiative and Center for Research and Learning Advisory Board."

"One goal in my new role, will be to further enhance collaborative and interdisciplinary research for both single investigators and research centers. Most importantly, I will assist Vice Chancellor Varahramyan to seek a better understanding of faculty needs through ongoing dialogue with all stakeholders and to help with the realization of our campus' strategic research roadmap," said Dr. Galli.

The OVCR is committed to strategically advancing world class research and creative activities at IUPUI that address important national and global needs. "We are delighted that Dr. Galli has joined OVCR," said Vice Chancellor Varahramyan. "Her vast experience and expertise will be an asset to our current and future efforts."

IUPUI Library Captures Three Major Library Federation Awards

University Library at Indiana University-Purdue University Indianapolis and two of the library's employees are recipients of leadership awards from the Indiana Library Federation, one of the largest state library associations in the U.S. The IUPUI library is the only public academic library to earn the association's leadership awards in three categories.



Jennifer Johnson (left) and Willie Miller

University Library and the Indianapolis Public Library are co-recipients of the Indiana Library Federation Collaboration Award, which recognizes significant contributions in promoting library services on a community, regional or statewide level.

The two Indianapolis libraries were honored for their ongoing, innovative collaboration focused on creating [digital collections](#) that make unique materials available to the community via the Internet. Recent digital collections created include the Indianapolis Firefighters Museum collection and a number of collections documenting the yearbooks of Indianapolis public high schools.

"What is special about the relationship between the IUPUI University Library and the (Indianapolis) Public Library is that we both care deeply about Indianapolis and that we have found ways to leverage our strengths to create a rich reflection of the city's past," said David Lewis, University Library dean.

University Library employees Willie Miller and Jennifer Johnson received individual leadership awards honoring them for exceptional service.

Miller, University Library liaison to the IU School of Informatics and the IU School of Journalism at IUPUI, received the Outstanding New Librarian Award for his innovative work in the areas of student engagement and instructional technology.

"Mr. Miller has an awareness of the future of the profession and works to incorporate new technology into his teaching activities at IUPUI," Lewis said.

In addition to being one of only eight instructors in a unique learning community

focused on using Apple iPads in the classroom, Miller serves as chair of the University Library's campus outreach group and has used his leadership role to advance the way the library connects with nearly 30,000 students in the IUPUI campus community. Miller received his master of library science degree from the School of Information and Library Science at Indiana University Bloomington.

Johnson, digital initiatives project coordinator for the [University Library's Digital Scholarship](#) Team, received the Outstanding Support Staff award. During her tenure, Johnson has worked with a number of leading local organizations to create online collections of valuable historical records, making them more accessible to both scholars and community users. Notable recent projects include the Indianapolis Recorder Newspaper Collection and the Indianapolis Motor Speedway Collection.

Johnson's work has helped the University Library build a reputation as a valuable partner for Indianapolis cultural heritage institutions and community organizations that seek to preserve and create wider access to their collections.

IUPUI Innovation to Enterprise Showcase & Forum - SAVE THE DATE

Wednesday, November 28, 2012, 1:00-3:30 pm
IUPUI Campus Center, CE 450 A, B
420 University Blvd
Indianapolis, IN 46202

The Office of the Vice Chancellor for Research (OVCR) and the Indiana University Research and Technology Corporation (IURTC) will host the IUPUI Innovation to Enterprise Showcase & Forum, which will bring together students, faculty, and staff from across the IUPUI campus to present opportunities for collaborative business development—new ventures, R&D collaborations, and commercialization—to potential business community partners and investors. Attendees will take an interactive and in-depth look at more than 30 innovative and entrepreneurial projects arising from the research programs at IUPUI.

If you are a member of the IUPUI research community and want table space at the Showcase to demonstrate your idea, start-up, or innovation, apply now! Participation will be limited to 35 project exhibits that interactively and creatively showcase the most compelling partnering opportunities that the IUPUI community has to offer! Applications are due before 5:00 pm EDT on Friday, September 21, 2012. Fill out the form here:

<https://surveycentral.uc.iupui.edu/iteprojectshowcase.aspx>

For more information or if you have questions please contact:

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Call for Summer 2013 Multidisciplinary Undergraduate Research Institute (MURI) Proposals

The Center for Research and Learning welcomes proposals for the [Summer 2013 Multidisciplinary Undergraduate Research Institute \(MURI\) at IUPUI](#). Proposals should represent two or more disciplines and should offer undergraduate students the opportunity to engage in a substantive research experience focused on a significant research problem.

This is a unique opportunity provided to IUPUI faculty and researchers for mentoring students while conducting pilot projects or testing new techniques and designs.

Some key points regarding this year's program are as follows:

- *Faculty writing proposals are encouraged to review the document entitled [MURI FAQs for Faculty Submitting Proposals](#).*
- *Proposals must be submitted by using the current version of the [MURI Project Proposal Form](#).*
- *The MURI Review Committee will review the submitted proposals using the [MURI Proposal Evaluation Form](#).*
- *Graduate students and post-doctoral trainees may also serve as co-mentors on a team.*
- *Proposals are due by midnight on November 16, 2012 to CRLGrant@iupui.edu*
- *The Proposal Review Committee Meeting is currently scheduled for December 7, 2012.*
- *The announcement re: funded proposals is currently scheduled for December 14, 2012.*
- *Students may apply to MURI and rank their project choices beginning December 17, 2012 with a deadline of March 1, 2013.*
- *The summer program begins on May 31, 2013 and continues through August 2, 2013.*

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

Project proposals from [all disciplines](#) on the IUPUI campus are encouraged.

CENTER SPOTLIGHT

Boomer Women Give More to Charity, New Study Finds

Women of the Baby Boom and older generations give more to charity than their male counterparts and are more likely to give, when education, income and other factors affecting giving are equal, a new study from the Women's Philanthropy Institute at the Center on Philanthropy at Indiana University finds.

"Women, in general, earn less and have less money in retirement than men, and they have a greater life expectancy," said Dr. Debra J. Mesch, director of the Women's Philanthropy Institute. "Although some may have concerns about their financial security, our study suggests that Boomer and older women share their resources with others more generously than their male peers."

At all income levels, and regardless of the share of their permanent income that they give, Boomer and older women give 89 percent more to charity than their male counterparts.

Among those who are in the top 25 percent of permanent income and give at the highest level (giving 3 percent or more of income), Boomer and older women give 156 percent more than similarly situated men.

"Our previous research has found that women tend to be more altruistic than men



Debra J. Mesch, Ph.D.
Director, Women's Philanthropy Institute
Center on Philanthropy

and that their giving frequently is motivated by the desire to make a difference in peoples' lives," Dr. Mesch said. "Additionally, women's strong networks may keep them more connected to both the needs of others and to opportunities to give."

As the largest generation in America today, Baby Boomers have had a significant impact on society, and that impact is expected to continue to be felt as they age, including in philanthropy, Dr. Mesch said.

"Boomer women are transforming philanthropy through innovative new charitable organizations and new ways to engage in charitable activity," she added. "Understanding their giving habits provides insights into the future of philanthropy and helps women understand the context for their own personal giving."

The study is among the first to examine the combined effects of age and gender on charitable giving. It looks at giving behavior in a more comprehensive way, controlling for financial resources over the individual's lifetime and adjusting for life expectancy. The research uses data from 2003 to 2007.

"The giving habits of Boomer and older women are a powerful reminder about the importance of gender in philanthropy," Dr. Mesch added. "These insights help nonprofits better understand their female donors and remind fundraisers of the importance and value of seeking gender balance in their fundraising strategies."

Women Give 2012 builds on previous research by the Women's Philanthropy Institute that offers deeper insights about how gender differences affect giving, such as Women Give 2010. Like that report, it uses data from the Center on Philanthropy Panel Study (COPPS), the nation's largest nationally representative sample that tracks giving patterns among the same households over time.

The Women Give series studies only households headed by single females and single males to explain gender differences in giving. Because married couples tend to pool income and make joint decisions about giving to charity, studying married couples does not allow for testing of gender differences in giving.

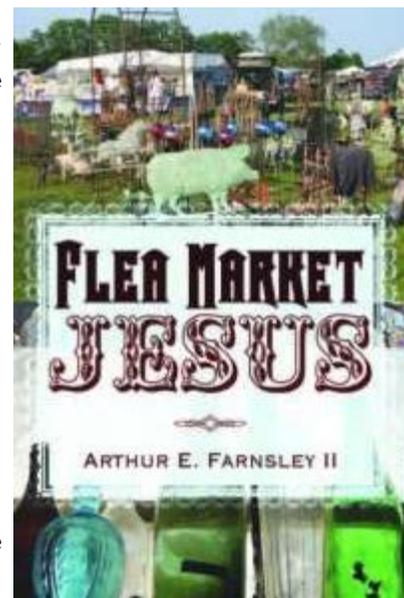
FACULTY SPOTLIGHT

'Flea Market Jesus' Release Coincides with Muzzle Loading Rifle Championships and Political Fever

With the presidential election just months away, a new book by an Indiana University-Purdue University Indianapolis researcher is particularly salient because of heightened interest in genuinely "undecided" voters.

"Flea Market Jesus" (Cascade Books, 2012) is the culmination of many years of research by Dr. Arthur E. Farnsley II of the Center for the Study of Religion and American Culture in the School of Liberal Arts. In this book, the professor of religious studies illuminates American individualism by describing the lives and mindset of those the author says try hardest to separate themselves from the institutional control of mainstream politics, business or religion: flea market dealers.

The book's release coincides with the National Muzzle Loading Rifle Association Championships and surrounding events -- including two flea markets -- occurring Sept. 8 to 16 in Friendship, Ind.



Flea Market Jesus

In addition to being a professor, Dr. Farnsley is also a 22-time knife and tomahawk champion of the National Muzzle Loading Rifle Association and will be competing again at this year's Friendship championships.

In an interview follow-up, Dr. Farnsley referenced a recent New York Times article titled "A New Guide to the Republican Herd" that described five subgroups of today's Republican Party. Members of the group the Pew Research Center called "the disaffected" are considered those "least loyal to the party, and least likely to vote."



Arthur E. Farnsley II, Ph. D.
Department of Religious Studies
School of Liberal Arts
Associate Director, Center for the Study of Religion and American Culture

"These are the folks my book is about," Dr. Farnsley said. "Flea market dealers fall into the group usually called 'disaffected,' the people who think the rich have it all locked up through a combination of business and politics."

But he cautions against assuming that these disaffected Americans vote Republican. "Pundits assume they lean Republican because they seem like conservative evangelicals or even like libertarians," he says, "but they could just as easily be described as populists. If they are not on anybody's side, it's because they don't think anybody is on their side."

In "Flea Market Jesus," Dr. Farnsley describes an entire subculture of white Midwesterners -- working class, middle class and poor -- gathered twice a year for the National Muzzle Loading Rifle Association's uniquely American celebration of guns and frontier life. More than 1,000 shooters compete with rifles and shotguns, many of them flintlock, as well as primitive bows, knives and tomahawks. Adjacent to the competition are two of the largest part-time flea markets in the Midwest, one with more than 500 dealers. "Friendship," as regular attendees call the event, features a primitive campground where people live in tipis and wall tents and dress in pre-1840 clothing.

Dr. Farnsley says, "I have only missed Friendship once since 1985. I keep a small Scotty trailer on the grounds year-round. I wear buckskin pants, cotton print shirts and moccasins when I'm there. I'm not popping off in this book; this is what I know, and I think it gives me a perspective -- part redneck, part university professor -- you don't hear every day."

Part ethnography, part autobiography, "Flea Market Jesus," based on interviews at Friendship, is a story about alienation, Biblical literalism, libertarianism and deep-seated religious belief. It is not about the Tea Party, the Occupy movement or the Christian Right, but it shines a light on all of these by highlighting the potent combination of mistrust, resentment and personal liberty too often kept in the shadows of public discourse among educated elites.

Dr. Farnsley is also the author of "Southern Baptist Politics" (1994); "Rising Expectations: Urban Congregations, Welfare Reform and Civic Life" (2003); and "Sacred Circles, Public Squares: The Multicentering of American Religion" (2004). He is associate director of the Center for the Study of Religion and American Culture as well as executive officer of the international Society for the Scientific Study of Religion. His articles have appeared on the cover of *The Christian Century* and *Christianity Today* magazines.

"Flea Market Jesus" is available in paperback from [Cascade Books](#) or in paperback or Kindle edition from Amazon.com.

STUDENT SPOTLIGHT

Combining Art and Science: Herron School of Art and Design Student Creates Sculpture for Dow AgroSciences Headquarters

Dow AgroSciences specializes in science but will combine art with science in a decision to add a sculpture to its global headquarters in Indianapolis as part of a multi-year expansion project. Through a partnership with the Frank and Katrina Basile Center for Art, Design and Public Life at Herron School of Art and Design, Dow AgroSciences has commissioned a work by **Dana Fast**, a senior majoring in sculpture. The sculpture called *Emergence* will be located at the entrance of the new 175,000 square foot Research and Development building.



Dana Fast

Fast, a native of Plainfield, IN was among three students who presented sculptural design concepts last spring to Dow AgroSciences. Fast said her design "represents a cycle of regeneration much like that of plant life. It emerges out of the remnants of its past much like seeds sprout in the rich soil of the flora before it. Both symbolically embody the idea of new growth and a new day."

Fast is fabricating the 15' x 9' work out of steel that will be enamel coated. "I envision *Emergence* as helping to create a space where employees can relax, regroup and feel inspired," Fast said.

"Dow AgroSciences feels that this is a great opportunity for college students to gain 'real world' experience in presenting design concepts to potential clients, with the chance for the student to be able to complete their art and have it showcased," said Tom Lingafelter, expansion project program manager, Dow AgroSciences.

Because of the success with the sculpture, Dow AgroSciences is now partnering with six other Herron students on projects including interior and exterior benches (**Dave Freeman, Matthew Osborn, and Christopher Stuart**) and other art (**Katelin Kinney, Marna Shopoff, and Catherine Vorholzer**) to complete the walls in the new building.

This partnership represents the largest cross-discipline installation that Herron will have ever completed.

"We're thrilled to be working with Dow AgroSciences to enhance its already beautiful grounds and to provide experiences to our students that will prepare them to succeed post graduation," said Basile Center Director **Kathy Pataluch**. "Herron is as passionate about design thinking as it is about teaching our budding artists how to bring their visions to life. To have achieved a major commission prior to graduation is a real feather in any student's cap. We could not provide that experience without community partners such as Dow AgroSciences."

TRANSLATIONAL IMPACT

Indiana CTSI Sends First Cohort of Translational Scholars to Australia

Medical researchers and researchers-in-training from Indiana University and Purdue University traveled to Australia from June 29 to July 7 to participate in the second international exchange program between the Indiana Clinical and Translational Sciences Institute and the John Curtin School of Medical Research at the Australian National University in Canberra, Australia.

Established in 2011, the Indiana CTSI-ANU exchange program aims at creating international scholars with expertise in translational science. The program sprang from a partnership between ANU, a prestigious public teaching and research university located in the governing capital of Australia, and the Indiana CTSI, a collaborative research institute between IU, Purdue and the University of Notre Dame. The first scholars to participate in the program were selected from among several scholarship and degree programs established by the Indiana CTSI in its first four years.

"Simply the opportunity to meet our fellow faculty and learn more about how they approach translational research is very valuable," said Jon Story, Ph.D., director of the predoctoral training program at the Indiana CTSI. "Many presentations were on topics different from what we're normally exposed to."

Investigators selected to participate in the trip included two junior faculty supported by the Indiana CTSI Young Investigator (K Scholar) Award; two graduate student researchers supported by Indiana CTSI Training (T Trainee) Award; and two M.D. students from the Indiana CTSI translational science master's degree program. The primary educational experience was the opportunity to participate in the Third Annual Bootes Course on Translational Medicine, "The Pathway from Discovery to Healthcare," a four-day course structured around the four phases of translational medicine – preclinical research, clinical research, translation of new discoveries into health care and policy, and global health.

"It was very inspiring to experience the whole translational research process laid out — from the pre-clinical phase to the public health phase — over the course of four days," said Melissa Kacena, Ph.D., assistant professor of orthopaedic surgery at the IU School of Medicine, noting each presenter leveraged their personal experiences as translational researchers to illustrate each stage in the process.

"Everyone knows there are certain fundamental steps to translating research; however, I also feel there are some important differences in their approach in Australia. There are certain ways they get things done that aren't the same as how



Indiana CTSI-ANU exchange scholars outside the John Curtin School of Medical Research. Front row (left to right): John Breinholt, III, M.D.; Aisha Davis; Carrie Hansel; Linda DiMeglio, M.D., MPH; Melissa Kacena, Ph.D. Back row (left to right): Bobbie Enzor; Rikki Enzor; Andrew Koivuniemi and Renecia Watkins.



The exchange scholars listen to Paul Gatenby, MBBM, Ph.D., professor of immunology at the Australian National University.

we get things done. Interacting with people from different countries truly broadens your knowledge."

The other Indiana CTSI Young Investigator to participate in the trip was John P. Breinholt III, M.D., assistant professor of clinical pediatrics at the IU School of Medicine. Additional exchange participants were Rikki Enzor, an M.D./ Ph.D. student in microbiology and immunology at the IU School of Medicine, and Andrew Koivuniemi, an M.D./ Ph.D. student in biomedical engineering at Purdue University, and Aisha N. Davis and Renecia Watkins, both IU School of Medicine students enrolled in the translational science master's program.

"Beyond being my first chance to travel to the eastern and southern hemispheres, it was fantastic to be able to sit and meditate and listen to experts on the topic of translational medicine and policy," Koivuniemi said. "I felt this opportunity really helped me hone my perspective and purpose and will serve me very well in my career."

Other participants noted that the course provided specific examples related to the translational research process -- such as the importance of public-private partnerships to advancing scientific discoveries into the health care sphere -- that have traditionally been under-emphasized in biomedical research education.

"I particularly enjoyed hearing about the process of developing a novel therapeutic and working with industry to see it reach first proof of concept in humans and clinical trials, as these are issues not often addressed in the academic setting," Enzor said. "I also appreciated the participation by people involved in the policy making process—from both academia and government."

Additional trip highlights included the opportunity to tour the Australian Phenomics Facility at JCSMR and the clinical trials unit at Canberra Hospital.

The next step in the Indiana CTSI-ANU partnership will be to welcome its first cohort of international scholars from Australia in order to create a true two-way exchange program, said R. Mark Payne, M.D., director of the Master of Science program in Translational Sciences for the CTSI, which oversees the exchange program with ANU. Next summer, the Indiana CTSI will launch a new, five-day course for this group, "Biotech: Bench to Business" which will complement the Bootes Course at ANU. The program will focus on technology transfer, seen by many as one of the Indiana CTSI's greatest strengths, whereas ANU will continue to place the greatest emphasis on their strength of adapting translational research into clinical care and public health in their course.

Other participants in the trip to Australia included Dr. Story, professor of nutritional science and associate dean of the graduate school at Purdue; Dr. Payne, professor of pediatrics and medicine and molecular genetics at the IU School of Medicine ; Linda DiMeglio, M.D., MPH, director of career development in the Indiana CTSI Research Education, Training and Career Development Program and associate professor of pediatrics at the IU School of Medicine; and Carrie Hansel, program coordinator for the Translational Science Degree Program at the Indiana CTSI. Drs. Story, Payne, DiMeglio, Kacena and Breinholt each presented a lecture at the Bootes Course in addition to participating as scholars.

The 2012 Indiana CTSI-ANU exchange program received \$50,000 in support from the Indiana CTSI and a \$10,000 International Development Fund Grant from the Office of the Vice Chancellor for Research at IUPUI.

OVCR INTERNAL GRANT DEADLINES

RESEARCH SUPPORT FUNDS GRANT (RSFG): The Research Support Funds Grant (RSFG) program is designed to enhance the research mission of IUPUI by supporting research projects and scholarly activities that are sustainable through

external funding. The next RSFG application deadline is October 15, 2012. For grant guidelines and application forms, go to <http://research.iupui.edu/funding/>.

INTERNATIONAL DEVELOPMENT FUND (IDF) GRANT: The IDF grant was developed to enhance the international research and scholarly activity focus of the IUPUI academic mission. Generally, the IDF grant serves as venture capital to stimulate additional funding for international research and scholarly activity, which have strong potential to generate indirect cost recovery from extramural sources. The next IDF application deadline is November 15, 2012. For grant guidelines and application forms, go to <http://research.iupui.edu/funding/>.

OTHER GRANT DEADLINES

Indiana CTSI Fall Core Pilot Grants — Request for Applications

The Indiana Clinical and Translational Sciences Institute is seeking applications from faculty whose research may benefit from technologies and expertise offered by core facilities at Indiana University, Purdue University and the University of Notre Dame.

The Indiana Fall Core Pilot grant program provides up to \$10,000 in core services. A [complete list](#) of core facilities is online; only cores denoted with a CTSI seal are eligible. The primary goal of this program is funding projects with outstanding scientific merit that can be linked to generating extramural funding or novel intellectual property.

To access complete grant guidelines and application forms, log into the Indiana CTSI [grants system](#) using your university ID and select "Indiana CTSI Spring Core Pilot Funding Program – Request for Applications."

The application deadline is 5 p.m. Monday, Oct. 15. This grant is available to Indiana University (IUSM, IUPUI, IU Bloomington) Purdue and Notre Dame faculty.

For more information, email Lisa Dinsmore at ictsi@iupui.edu.

Alzheimer Research Pilot Grant Program

The Indiana Clinical and Translational Sciences Institute in conjunction with the Indiana Alzheimer Disease Center is offering pilot funding to investigators developing translational research projects focused on Alzheimer disease, frontotemporal dementia or diffuse Lewy body disease, as well as other neurodegenerative or vascular dementias.

Applications related to basic mechanisms of memory, learning and cognition, or the delivery of health care services, are also welcome.

This pilot grant mechanism aims to provide funding that will allow investigators to obtain preliminary data that will likely lead to extramural funding or generate novel intellectual property. Applications are limited to \$25,000.

To access complete grant guidelines and application forms, log into the Indiana CTSI [grants system](#) using your university ID and select "Alzheimer Research Pilot Grant Program (ARP)."

Application deadline is 5 p.m. Monday, Nov. 5. This grant is available to Indiana University (IUSM, IUPUI, IU Bloomington) Purdue and Notre Dame faculty.

For more information, email Lisa Dinsmore at ictsi@iupui.edu.

OVCR EVENTS AND WORKSHOPS

COS PIVOT (Finding Funding & Collaborators)

When: Tuesday, September 25, 2012 | 2:00 PM-3:30 PM
Where: University Library, Room 0106

Indiana University is a member of COS Pivot. Whether your work is in the arts or the sciences, COS Pivot 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.

[Click here to register](#)

IU New Frontiers and IUPUI Arts and Humanities Internal Grant Information Session

When: Thursday, September 27, 2012 | 02:00 PM-03:30 PM
Where: University Library, Room UL 1126

This session will provide participants with an overview of the deadlines for these funding opportunities, how to apply and more importantly how to develop a competitive proposal. Members of the IAHI and New Frontiers grants advisory groups will be present to answer questions, as well as IUPUI faculty who have received one or both of these grants and who have reviewed arts and humanities proposals.

[Click here to register](#)

Applying for NIH Funding: The Myths, The Mistakes, and The Magic

When: Friday, October 05, 2012 | 09:00 AM-12:00 PM
Where: IUPUI Campus Center Theater

For this interactive presentation, Dr. Michael Stefanek will provide tips and recommendations for those engaged in the process of writing and submitting grants to the National Institutes of Health. This will include a look at the review process, including a "review panel" made up of several IU faculty who have NIH study section experience. Finally, the discussion will include some basic information about NIH funding mechanisms and resources available within the University for faculty writing grants.

Dr. Stefanek spent 8 years as a Branch Chief with the NIH in an extramural division. In this role, he developed new initiatives and provided oversight to the grant management process. He also worked closely with principal investigators (PI) and the Center for Scientific Review, the group who coordinates the grant review process at the NIH. In addition, Dr. Stefanek was PI and co-investigator on a number of funded NIH grants prior to joining the NIH.

[Click here to register](#)

Preparing Arts & Humanities Proposals

When: Thursday, October 11, 2012 | 1:00 PM-2:30 PM
Where: University Library, Room 1126

This workshop will target the essentials of developing a successful grant proposal in the arts and humanities. Wide-ranging topics will be covered from developing a strong foundation for your application to key components of the narrative, the basic budget, writing styles, and interpreting agency guidelines.

[Click here to register](#)

Nine Golden Rules to Succeed in Research and Scholarship

When: Friday, October 12, 2012 | 12:00 PM-2:00 PM
Where: University Library, Room 1126

This session will reveal the Nine Golden Rules on how to succeed in research and scholarship. It is focused toward new and early career investigators; however, mid career faculty should find information of interest as well.

[Click here to register](#)

Meeting the NSF Data Management Plan Requirement: What you need to know

When: Tuesday, October 16, 2012 | 1:30 PM-3:00 PM

Where: University Library, Room 1126

As of January 18, 2011, the National Science Foundation now requires a Data Management Plan for all new proposals. This plan should describe how the proposed study will disseminate and share the collected research results. Do you know what this plan should include? Are you aware of best practices and standards for data management, sharing, and curation? Do you know what support services are available at IUPUI? This workshop will outline the process of developing a data management plan, provide resources for DMP development, and introduce data services available on campus. Q&A will follow the presentation. Anyone interested in or planning to apply for NSF funding should attend.

[Click here to register](#)

International Development Fund Grant Information Session

When: Monday, October 22, 2012 | 1:00 PM-2:30 PM

Where: University Library, Room 1126

This session will provide participants with an overview of the International Development Fund internal funding mechanism for IUPUI faculty. It will also include information on upcoming deadlines, how to apply, the review process, and post award requirements. Ample time will be allocated for answering questions. This internal funding opportunity is administered through the Office of the Vice Chancellor for Research (OVCR).

[Click here to register](#)

Proposal Preparation: The Basics

When: Tuesday, October 23, 2012 | 11:00 AM-12:30 PM

Where: University Library, Room 1126

This session will center on the essentials of building a successful grant proposal in any discipline. The necessity for knowing who will review your proposal, budget limitations, and how to communicate complex ideas in a limited space will be discussed. This session is geared toward new and early career faculty, especially those unable to attend the discipline-specific workshops.

[Click here to register](#)

Finding Funding

When: Wednesday, October 24, 2012 | 10:00 AM-11:30 AM

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.

[Click here to register](#)

Best Practices for Preparing Multi-Institutional, Complex Proposals

When: Monday, November 5, 2012 | 3:00 PM-4:30 PM
Where: University Library, Room 1126

The current funding environment favors large, complex, multi-institutional, multi-investigator projects; but organizing a successful submission takes a great deal of planning and teamwork. What works best in which situation? What role does the RFP serve to organize the writing efforts? Professional proposal writers and editors will discuss these and a number of related issues at this session.

[Click here to register](#)

COS PIVOT (Finding Funding & Collaborators)

When: Friday, November 9, 2012 | 10:00 AM-11:30 AM
Where: University Library, Room 0106

Indiana University is a member of COS Pivot. Whether your work is in the arts or the sciences, COS Pivot 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.

[Click here to register](#)

Preparing Social Science Research Proposals

When: Thursday, November 15, 2012 | 1:00 PM-2:30 PM
Where: University Library, Room 1116

This workshop will target the essentials of developing a successful grant proposal in the social sciences. A variety of topics will be covered from developing a strong foundation for your application to key components of the narrative, the basic budget, writing styles, and interpreting agency guidelines.

[Click here to register](#)

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

[Lymphatics in Health and Disease in the Digestive, Urinary, Cardiovascular and Pulmonary Systems \(R01, R21, R33/34\)](#): This focus is on research into aspects of lymphatic vessel physiology and pathophysiology related to health and disease of digestive system and urinary tract organs, and cardiovascular and pulmonary systems; in resolution of thromboembolic events; and inflammation and immune responses as they relate to these diseases. Studies to understand the factors that control local lymphatic vessel functional anatomy and physiology during health or disease in these organs/systems, and the mechanisms by which alterations of lymphatic vessel function affect organ function, are of interest. Standard application deadlines apply.

[Estimating the Economic Costs of Alzheimer's Disease and Related Dementias \(R01, R03, R21\)](#): Alzheimer's disease and other forms of dementia are widely believed to impose great economic costs on society, but the magnitude of those costs is unclear. This Funding Opportunity Announcement (FOA) encourages

research on the economic costs of Alzheimer's disease and related dementias, including direct and indirect costs to public and private health care payers, families and other informal caregivers, as well as labor market costs from reduced productivity or labor force participation. *Standard application deadlines apply.*

Examination of Survivorship Care Planning Efficacy and Impact (R01, R21):

The focus is on evaluating the effect of care planning on cancer survivors' health and psychosocial outcomes; self-management of late effects and adherence to cancer screening and health behavior guidelines; utilization of follow-up care; organizational-level factors influencing the implementation of care planning; and associated costs. Specifically, the FOA aims to stimulate research that will: 1) develop and test metrics for evaluating the impact of survivorship care planning; 2) evaluate the impact of survivorship care planning on cancer survivors' morbidity, self-management and adherence to care recommendations, utilization of follow-up care, and on systems outcomes, such as associated costs and impact on organizations implementing care planning; and 3) identify models and processes of care that promote effective survivorship care planning. *Standard dates apply.*

Molecular Mechanisms of Circadian Clocks in Aging Tissues (R01): The focus is on understanding of the molecular mechanisms that control circadian clocks in aging tissues. This FOA encourages studies on the roles of peripheral and extra suprachiasmatic nucleus (SCN) circadian clocks during aging. These studies include understanding the impact of alterations in the clock system on chromatin remodeling, gene expression, translation, signaling, and function of individual cells. In addition, studies are solicited on the pathophysiology of alterations to circadian clock regulation in aged tissues, with particular attention to the response of the clock system to metabolic/nutritional, environmental and pharmacological challenges. *Application deadline is November 7, 2012.*

NATIONAL SCIENCE FOUNDATION

Cognitive Neuroscience: The Cognitive Neuroscience Program seeks highly innovative and interdisciplinary proposals aimed at advancing a rigorous understanding of how the human brain supports thought, perception, affect, action, social processes, and other aspects of cognition and behavior, including how such processes develop and change in the brain and through time. *Application deadline is January 24, 2013.*

Collaborative Research in Computational Neuroscience (CRCNS):

Computational neuroscience provides a theoretical foundation and a rich set of technical approaches for understanding complex neurobiological systems, building on the theory, methods, and findings of computer science, neuroscience, and numerous other disciplines. *Application deadline is November 2, 2012.*

Political Science: The Political Science Program supports scientific research that advances knowledge and understanding of citizenship, government, and politics. Research proposals are expected to be theoretically motivated, conceptually precise, methodologically rigorous, and empirically oriented. Substantive areas include, but are not limited to, American government and politics, comparative government and politics, international relations, political behavior, political economy, and political institutions. *Application deadline is January 15, 2013.*

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 <https://www.fbo.gov>. 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://research.iu.edu/limited_sub.shtml. 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.

[IUF Special Handling List and Principal Gifts Review Template](#)

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