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Above the Fold

Cast a vote to support alumni-founded Timmy Global Health

A non-profit global children's health foundation founded by an IU School of Medicine alumnus has been selected as one of the 25 charities to participate in the second annual American Giving Awards, presented by Chase.

[Timmy Global Health](#), founded by Chuck Dietzen, M.D., could receive a \$1 million grant to help families, communities and patients around the world. Winning one of the American Giving Awards, characterized as “the Oscars for nonprofits,” requires votes from Timmy supporters.

"It's an honor to be selected to participate in the American Giving Awards," Dr. Dietzen said. "This is an unprecedented opportunity to enhance our national visibility and use the American Giving Awards to reach thousands more patients, families, communities and students throughout the world."

The five organizations that receive the most votes will be spotlighted during the American Giving Awards' nationally broadcast special at 8 p.m. Eastern Dec. 8 on NBC. Those five, out of

the 25 nominated, will share in \$2 million of unrestricted grants from Chase; the organization with the most votes will receive an additional \$1 million.

Based in Indianapolis, Timmy Global Health collaborates with U.S. and international partners to send medical service teams throughout the world to expand access to health care while empowering students and volunteers to tackle global health challenges. Founded in 1997, Timmy Global Health has seven projects in five countries and student chapters at more than 30 U.S. universities and 10 Indiana high schools.

To cast a vote for Timmy Global Health, visit the [Timmy Global Health page](#) on the Chase Community Giving Awards website. Additional information is available on the [NBC American Giving Awards](#) website, Timmy's [Facebook page](#) or [Twitter account](#), or the [Chase Community Giving](#) Facebook page. The deadline to vote is **Tuesday, Dec. 4**.

For more information, visit the [IUSM Newsroom](#).

University Place construction will have an impact on hospital skywalk

The pedestrian skywalk between IU Health University Hospital and University Place Hotel will close the evening of **Friday, Nov. 30**, due to the planned conversion of the University Place Hotel and Conference Center into a multi-use facility, including a residential, classroom and dining space.

The conversion of the hotel and conference center will address IUPUI's campus housing shortage, including an overflow of 266 students housed in the Park Place Apartments. Currently, there are 1,136 student beds on campus, mostly due to the addition of the Campus Apartments on the Riverwalk. The hotel and conference center conversion project will expand that number to 1,696 in 2013. The new facility will be ready for residential occupancy in the fall. The new classroom space will be available for use in January.

The skywalk closure is specifically related to plans to construct a doorway on the west side of University Boulevard. The skywalk is scheduled to reopen in May with revised hours of operation that coincide with the hours of the new residence tower. Those hours remains to be determined.

A recent study by the Polis Center shows that the number of IUPUI students living downtown has increased 85 percent since 2005. Several studies have shown that students living on campus have higher retention rates and grade point averages.

When completed, the new facility will employ about 50 IU staffers and contract workers.

An 18-minute video about the conversion project is online at the [IUPUI YouTube page](#).

For more information, see the [IUPUI Master Plan](#) or email convproj@iupui.edu.

Ninth Annual Autism Conference — Dec. 7

The Ninth Annual Autism Conference presented by the HANDS in Autism program in the Department of Psychiatry will take place from 8 a.m. to 4:15 p.m. Friday, Dec. 7, in the Riley Outpatient Center auditorium.

"Practical Behavioral and Medical Approaches to Behavior and ADLs in Autism and Other Developmental Disorders" will focus on topics of interest to health care providers, educational staff, community specialist and families, including presentations from both the medical and behavioral/educational perspective. Topics include toileting issues, feeding and nutrition challenges, and reducing problem behaviors.

Presenters include Naomi Swiezy, Ph.D., Alan H. Cohen Family Scholar in Psychiatry and associate professor of clinical psychology; Martin Plawecki, M.D., Ph.D., assistant professor of psychiatry; Dorota Szczepaniak, M.D., associate professor of clinical pediatrics; and Maria Stanley, M.D., associate professor of clinical pediatrics,

The HANDS in Autism Interdisciplinary Training and Resource Center is supported by the IU School of Medicine Department of Psychiatry and Christian Sarkine Autism Treatment Center at Riley Hospital for Children at IU Health. For more information, see the [event flier](#).

Continuing Medical Education credits will be offered. To sign up, visit the [registration page](#).

Faculty News

IUSM faculty named American Association for the Advancement of Science Fellows

The American Association for the Advancement of Science has awarded the distinction of fellow to two faculty members at the IU School of Medicine.

Hal Edward Broxmeyer, Ph.D., Distinguished Professor and Mary Margaret Walther Professor Emeritus, and G. David Roodman, M.D., Ph.D., Kenneth Wiseman Professor of Medicine, will be presented an official certificate and a gold and blue (representing science and engineering, respectively) rosette pin Feb. 16 at the AAAS Fellows Forum during the 2013 AAAS Annual Meeting in Boston.

"There are few honors in the world of science as prestigious as being named a fellow with the American Association for the Advancement of Science," said D. Craig Brater, M.D., dean of the IU School of Medicine and vice president for university clinical affairs at IU. "The two IU School of Medicine faculty elected this year are not just influential in their respective fields but are esteemed by their colleagues at IU. I am honored to call Hal Broxmeyer and David Roodman colleagues and know that the medical school and our students have benefited from the contributions to our school and our world made by these outstanding scientists."

Dr. Broxmeyer was recognized "for distinguished contributions to hematopoietic stem cell biology, and cytokine and chemokine actions, and particularly for initiating and advancing the field of cord blood transplantation." A pioneer in the field of umbilical cord blood stem cell transplantation, Dr. Broxmeyer was one of the first scientists to recognize the value of harvesting stem cells from cord blood. He was a member of the international team that performed the first cord blood transplant in France in 1988.

Dr. Roodman was recognized "for significant contributions to research and education in cancer and bone research, especially Paget's disease." A specialist in diseases of the bone, Dr. Roodman has been at the forefront of research into understanding the role of the bone marrow microenvironment in promoting hematologic malignancies. His research also looks at osteoclasts and osteoblasts, which are responsible for bone growth and bone resorption. He also serves as the director of the clinical program at the IU Simon Cancer Center.

Drs. Broxmeyer and Roodman join 10 other IU colleagues also named AAAS Fellows for 2012. The other fellows, all of the College of Arts and Sciences at IU Bloomington, represent a record number of AAAS fellows named in a single year at IU, and two more than the record set in 2011.

The total number of AAAS Fellows affiliated with IU is 81. This year, 702 members have been awarded this honor by AAAS because of their scientifically or socially distinguished efforts to advance science or its applications. Election as an AAAS Fellow is an honor bestowed upon AAAS members by their peers.

Founded in 1848, AAAS is the world's largest general scientific society and publisher of the journal *Science*. AAAS includes 261 affiliated societies and academies of science that serve 10 million individuals, while *Science* has the largest paid circulation of any peer-reviewed general science journal in the world, with an estimated total readership of 1 million.

Student Showcase

Clinical fellow earns pulmonary disease research award

Karina Serban, M.D., a second-year clinical fellow in the Department of Medicine, Division of Pulmonary, Allergy, Critical Care, Occupational, and Sleep Medicine, received the Alpha-1 Foundation and the CHEST Foundation [Clinical Research Award](#) in Chronic Obstructive Pulmonary Disease and Alpha-1 Antitrypsin Deficiency at the 2012 American College of Chest Physicians CHEST meeting Oct. 22 in Atlanta.

Established in 2005, the main objective of this award is to support a physician who conducts clinical research relating to chronic obstructive pulmonary disease and Alpha-1 antitrypsin deficiency that will lead to improving the health and quality of life of people living with these conditions. The award includes \$25,000.

Dr. Serban's project, "Functional Significance of a Novel Interaction of Alpha-1 Antitrypsin With Circulating Microparticles in COPD," aims to determine whether cigarette smoking alters

the anti-inflammatory phenotype of peripheral blood derived monocytes, or PBDMs, and decreases the phagocytosis of circulating endothelial cell release membrane-bound microparticles, or EC-MPs, and to investigate whether exogenous native, but not mutant, AAT directly binds EC-MPs and increases their clearance by PBDMs.

Dr. Serban is a fellow in the lab of Irina Petrache, M.D., Dr. Calvin H. English Professor of Medicine and professor of biochemistry and molecular biology.

Student earns top prize at AMA research symposium

Thomas Bemenderfer, a fourth-year medical student at the IU School of Medicine, was named the overall winner in the surgery/biomedical engineering category during a research symposium at the American Medical Association's Interim Meeting.

"The work of Thomas and the other young physicians and medical students shows us that the future of medicine looks very bright," said Jeremy A. Lazarus, M.D., president of the American Medical Association. "The research presented at this AMA symposium provides valuable information for current and future physicians. These advances will help them provide the best possible care for patients."

Bemenderfer's research was titled "Thrombopoietin: A Novel Osteoinductive Agent." The symposium consisted of separate competitions for AMA members who are residents or fellows, medical students and international medical graduates that are certified by the Educational Commission for Foreign Medical Graduates and awaiting residency.

More than 600 abstracts were submitted for consideration this year, the most in the research symposium's 10-year history. The award program began in 2003 to provide leadership opportunities for medical students, residents and fellows who are interested in research.

Events & Lectures

Seminar on motor neuron injury and disease

Kathryn Jones, Ph.D., professor and chair of anatomy and cell biology, will present "CD4+ cell mediated neuroprotection: relevance to motoneuron injury and disease" from 4 to 5 p.m. Thursday, Nov. 29, In the VanNuys Medical Science Building, Room 326.

Refreshments will be served at 3:30 p.m. This event is presented by the Department of Microbiology and Immunology.

Clinical psychiatrist to discuss problem drinking

Andrea King, Ph.D., will present “The Party’s Over: Alcohol Response Phenotypes and the Propensity to Excessive Drinking” from 1 to 2 p.m. Friday, Nov. 30, in the Goodman Hall auditorium.

Dr. King is a professor of psychiatry and behavioral neuroscience and director of the Clinical Addictions Research Laboratory at the University of Chicago.

This event is presented by the [Indiana Alcohol Research Center](#).

Efficient Teaching in the Outpatient Setting

Emily Walvoord, M.D., assistant dean for faculty affairs and professional development and associate professor of clinical pediatrics, will offer “Efficient Teaching in the Outpatient Setting” from noon to 1 p.m. Monday, Dec. 3, online in the Adobe Connect Meeting Room.

Dr. Walvoord’s workshop will focus on finding time to incorporate learning activities into a busy clinic and provide attendees with a number of different methods to efficiently engage learners of all levels. Participants will learn techniques such as the “One Minute Preceptor” and “SNAPPS,” and also share best practices.

To register, visit the [Office of Faculty Affairs and Professional Development](#).

Biochemistry and molecular biology seminar

Ursula Jakob, Ph.D., professor of molecular, cellular and developmental biology at the University of Michigan at Ann Arbor, will present “Oxidative Stress and Redox Regulation: A Biochemical Perspective” from 4 to 5 p.m. Monday, Dec. 3, in the VanNuys Medical Science Building, Room 326.

Refreshments will be served at 3:30 p.m. This event is sponsored by the Department of Biochemistry and Molecular Biology.

Danesh retirement celebration — Dec. 5

A retirement celebration for Hassan Danesh, Ph.D., director of continuing medical education, will be from 3 to 5 p.m. Wednesday, Dec. 5, in the IUPUI Campus Center.

Dr. Danesh will retire after 27 years of service to IU. Under his leadership, Division of CME effectively translates leading-edge research into medical practice through educational programs

for health care professionals in Indiana and globally via online, satellite, CD-ROMs and audio recordings.

After completion of his Ph.D. degree in instructional systems technology, Dr. Danesh was influential in developing new courses for the Indiana University Schools of Business and Education in Bloomington. Before this role, Dr. Danesh was the associate director of CME and was instrumental in strategic planning, academic curriculum planning and fundraising.

He managed graduate students, developed instructional design and taught courses such as Teaching How to Teach and Problem-Based Learning to faculty.

Hors d'oeuvres, cake and other refreshments will be served.

For more information, email cme@iupui.edu.

Ethics lecture on palliative care and spirituality

Betty Ferrell, Ph.D., professor and research scientist at the City of Hope Medical Center in Los Angeles, will present “Improving the Quality of Spiritual Care as a Dimension of Palliative Care” from noon to 1 p.m. Wednesday, Dec. 5, in the Riley Outpatient Center Auditorium.

This presentation will describe opportunities for improving the quality of spiritual care as a component of palliative care and describe clinical guidelines developed to support clinicians in improving spiritual care. An oncology nurse with 35 years’ experience, Dr. Ferrell’s clinical and research work focuses on pain management, quality of life and palliative care. She is also the principal investigator on a program project for the “Palliative Care for Quality of Life and Symptom Concerns in Lung Cancer” and the “End-of-Life Nursing Education Consortium” funded by the National Cancer Institute. She also holds a master’s degree in theology, ethics and culture from Claremont Graduate University.

This event is co-sponsored by the Research in Palliative and End-of-Life Communication and Training Center. Free CME/CE credit will be offered.

'Medical Professionalism — From Leeches to MRIs'

Indiana Historical Society’s Medical Ethics program will host a panel discussion on “Medical Professionalism: From Leeches to MRIs” at 7 p.m. Thursday, Dec. 6, at the Indiana History Center, 450 W. Ohio St.

This event will explore how medical training has changed over time, how new doctors are trained to balance their personal beliefs and professional obligations, and whether medical professionals have different obligations to the public today than in the past.

Panelists include Margaret Gaffney, M.D., associate professor of clinical medicine and chair of the ethics committee at Wishard Hospital; Richard Gunderman, M.D., Ph.D., professor and vice chair of radiology and imaging sciences and professor of pediatrics; Paul Helft, M.D., associate professor of medicine and director of the Charles Warren Fairbanks Center for Medical Ethics; and Barbara Lewis, former host of “Sound Medicine.” Mary Ellen Hennessey Nottage, director of the Indiana Medical History Museum, will provide opening remarks.

Refreshments will be served at 6:30 p.m. For more information, visit the [Indiana Historical Society](#).

Annual Holiday Night celebration — Dec. 12

Faculty, medical students, house staff, and alumni are welcome to participate in the IUPUI Holiday Night from 6:30 to 9 p.m. Wednesday, Dec. 12, at the Indianapolis Children’s Museum.

The IU Alumni Association sponsors this annual event at one of Indianapolis' cherished cultural institutions, during which the museum will be open just for the IUPUI campus. Lots of holiday fun and a full dinner buffet are included with the price of admission. Events include music, food, Santa, the “Jolly Slide,” carousel rides, a coloring contest and the opportunity to create a personalized Hot Wheels car to take home.

There will also be a chance to check out the IUPUI Engineering and Technology's Motorsports Show Car and hear a presentation from Scott Raymond, a professional motorsports engineer and IUPUI professor, at 6:30 p.m.

IU School of Medicine medical students and house staff are eligible to attend at the discounted IU Alumni Association membership rate of \$19.50 when registering. (Admission for adult nonmembers is \$24.50.) Admission for children ages 3 to 12 is \$15. There is no cost for children younger than 3. To sign up, visit [registration page](#).

For more information, contact Yvonne Owens at 317-274-4964 or yowens@iupui.edu.

Getting video to students, learners

Lori Shuck, an instructional technology specialist, will demonstrate multiple ways to distribute video to students on 10 to 11:30 a.m. Wednesday, Dec 12, in the IUSM Library, Room 225.

This workshop will help faculty discover existing resources for storing videos and techniques to help learners access the videos easily.

This event is presented by the Academy of Teaching Scholars. To register, visit the [Office of Faculty Affairs and Professional Development](#).

'Hope Theory for Educators, Mentors and Clinicians'

Allison Martin, J.D., clinical professor of law at the Indiana University Robert H. McKinney School of Law, and Kevin Rand, Ph.D., associate professor of psychology in the School of Science at IUPUI, will present a workshop from noon to 1:30 p.m. Thursday, Dec. 13, in the Van Nuys Medical Science Building, Room B11.

“Fostering Hope: A Primer on Hope Theory for Educators, Mentors and Clinicians” will introduce faculty to Hope Theory, a psychological model of human behavior organized around the pursuit of goals, supporting the idea that engendering hope in students predicts academic performance. Research on hopeful thinking and goal pursuits will be reviewed from different contexts, including graduate education and healthcare.

For more information about Drs. Martin and Rand's research, review their paper in the [Duquesne Law Review](#).

To register, visit [Office of Faculty Affairs and Professional Development](#).

News to Use

New education requirement for entry-level research coordinators

The Indiana CTSI, in collaboration with the IU Office of Research Compliance, is launching a new, mandatory education program for entry level research coordinators at the IU School of Medicine. The new course is housed within a new programmatic structure for all research coordinator training managed by the Indiana CTSI.

The Research Coordinator Education Programming Initiative will create a new continuum of research coordinator education that supports the highest level of integrity and promotes career paths in research. RCEDU will organize and centralize the development and implementation of research coordinator education programming at IU and is responsible for developing new programs for entry- and senior-level research coordinators, as well as enhancing existing programs for beginning and mid-level research coordinators.

The level-one educational program is designed for “trainees” (e.g., newly hired staff or those staff new to research). It is open to all staff members who work as resource coordinators/assistants on human subject studies, but attendance is mandatory for IUSM staff who are newly hired as research coordinators in the following job classifications: PAEHE, PAO2RS, PAE3RS and PAE4RS. The program should be attended within the first two to 12 weeks of employment.

Three [additional levels of training](#) also under development will be commensurate with employees' level of experience and training. A Research Coordinator Education Task Force has

been established to oversee the development and implementation of these programs. Task force members include representatives from the Indiana CTSI, Office of Research Compliance and Richard L. Roudebush Veterans Affairs Medical Center.

The new “level-one” training requirement will be effective **Tuesday, Jan. 1**. Registration for the program will be free-of-charge for new employees.

For more information, visit the [Indiana CTSI](#) or email rceeducat@iupui.edu.

IUSM Library holiday hours begin Dec. 14

The IUSM Library will close daily at 5 p.m. from Dec. 14 to Jan. 6, with the exception of holiday closings.

The library will be closed Dec. 24 and 25 and Dec. 31 and Jan. 1.

Campus Post Office to relocate Dec. 21

The IUPUI Campus Post Office will relocate to the first floor of The Hall (formerly University Place Conference Center) on Dec. 21

The post office will close its doors at 4 p.m. Wednesday, Dec. 19, at the Barnhill location and reopen at 8 a.m. Friday, Dec. 21, at The Hall.

The new post office location will continue to provide the IUPUI community with a full menu of postal services, including campus and USPS mail delivery, international mail (express and insured), money orders, certified mail, signature confirmation, certificate of mailing, delivery confirmation, registered mail, express mail, fax services, mailing supplies and P.O. box rental.

In addition, IUPUI Campus Post Office will observe holiday hours: 8 a.m. to noon Dec. 24 and Dec. 26 to 31. Normal business hours, 8 a.m. to 4 p.m., will resume Jan. 2.

For more information, email Keith Battle, director of IUPUI Mail Services, at kbattle@iupui.edu.

Biotechnology workshop videos

The IUSM Library hosted a simulcast several workshops presented by the National Center for Biotechnology Discovery Workshops on Oct. 11 and 12. The following sessions are now available to view online for anyone who missed the original simulcast:

- Sequences, Genomes and Maps
- Proteins, Domains and Structures
- NCBI BLAST Services
- Human Variation and Disease Genes

The simulcast videos were originally recorded at the University of Michigan. To view the sessions, visit the [workshop website](#).

News from the Indiana CTSI

The Indiana Clinical and Translational Sciences Institute has released the latest issue of the [Indiana CTSI Newsletter](#), a bimonthly information source for researchers, physicians, students and others affiliated with the Indiana CTSI at IU, Purdue and Notre Dame.

This issue includes highlights the Indiana CTSI Accessing Technology Program, which provides wide range of tools, service and funds designed to assist investigators in conducting research. Other topics include a visit from scientists at Moi University to the Indiana CTSI aimed at establishing their country's first university-wide biobank; a new clinical trials management system; grant announcements and open grant opportunities; and upcoming events.

Interested faculty, staff and students may also visit the Indiana CTSI [subscription page](#) to receive future issues and other updates, such as emails about new open grant opportunities.

This week on 'Sound Medicine'

This week on "Sound Medicine," James Lemons, M.D., a professor of pediatrics at the IU School of Medicine, will discuss his contribution to the creation of the Riley Mother Baby Hospital in Kenya and discuss the benefits of this partnership between the IU School of Medicine and Moi University. Also on this week's show, a nurse practitioner at IU Methodist Hospital explains how the treatment of HIV has evolved since the 1980s; a plastic surgeon from Boston describes the benefits of fat grafting; and the chief of trauma at Wishard Hospital talks about a violence-education program helping patients at the hospital.

"Sound Medicine," an award-winning radio program that covers controversial topics, breakthrough research and the application of medical advancements, is co-produced by IUSM and WFYI Public Radio and underwritten by IU Health Physicians and IUPUI. The program next airs at 2 p.m. Sunday, Dec. 2, on WFYI 90.1 FM. Reports on primary health care topics are sponsored by Wishard Health Services.

The program is available via [website](#), [podcast](#) and [Stitcher Radio](#) for mobile phones and iPads and posts updates on [Facebook](#) and [Twitter](#). For more information on this week's show, visit the [IUSM Newsroom](#).

Opportunities

IU School of Medicine internal grant applications due Jan. 9

The application deadline for the following IUSM internal grant programs is **5 p.m. Wednesday, Jan. 9.**

- Biomedical Research Grant
- Research Enhancement Grant

For application forms and further information, visit the [IUSM Office of Operations](#).

Showalter Trust biomedical research grant applications due Jan. 9

Applications are open for grant awards from the Ralph W. and Grace M. Showalter Research Trust. The areas of eligible biomedical research are broad and described by the benefactors as “the type of medical research that is most likely to permanently benefit mankind.” Donor intent prohibits the use of Showalter Trust funds for research in psychiatry, sociology, or social studies.

Applications for funding will be reviewed in two stages. An initial review by the IUSM Biomedical Research Committee will select the most meritorious proposals for further discussion and ranking. The committee will then provide a recommended ranking to the Showalter Trustees who conduct a second review. Final funding decisions are made by the Showalter Trustees.

The deadline for applications is **5 p.m. Wednesday, Jan. 9.** Funds will be awarded no earlier than July 1. Applications must be received via email by the Dean’s Office of Operations at iusmoper@iupui.edu.

For more information, visit operations.medicine.iu.edu.

People’s Choice for Healthcare Delivery Contest — due Jan. 15

The Inaugural People’s Choice for Healthcare Delivery Contest, hosted by the Regenstrief Institute’s Center for Health Services Research, seeks innovative ideas with measurable impact for health care consumers. Anyone may apply, including the general public, whose varied voices are typically underrepresented in research.

The contest will provide the grand prize winner with the unique opportunity to have world-class researchers pursue their idea. Judged by a panel of experts, successful ideas will be innovative, with measurable impact for health care consumers; feasible to implement in the U.S. health care

system within five years; and compatible with the Regenstrief Institute's mission to improve health through research that enhances the quality and cost-effectiveness of health care.

In addition to a monetary award, the contest grand prize winner will be given the opportunity to come to Indianapolis and brainstorm with the research team. An internationally recognized academic health care research organization, Regenstrief is particularly interested in the ideas of the next generation of young professionals and scientists. In addition to individuals, school groups and clubs are encouraged to submit ideas.

The People's Choice for Healthcare Delivery Contest is funded by a Regenstrief Institute Innovation Award. Applications must be U.S. citizen or legal resident age 13 or older. There is no limit to the number of submissions by an individual or group. Application deadline is **Tuesday, Jan. 15**. The grand prize winner will be announced in late spring 2013. To learn more and to enter, visit the [IUSM Newsroom](#) or the [People's Choice website](#).

Request for Applications for Community-Based Research Projects

The Indiana CTSI CHEP is accepting applications to fund Indiana community and academic collaborative community-based research projects in the areas of obesity, diabetes and/or cardiovascular disease.

An information session webinar to discuss the application requirements in detail will take place from 10 to 11:30 a.m. Thursday, Dec. 6. To participate, visit connect.iu.edu/rfachep.

The application deadline is **Monday, Jan. 28**. Qualified applicants who are currently developing or involved in collaborative, community-based research projects are encouraged to apply. Awards will be announced April 1.

For more information, including complete application guidelines and forms, visit the Indiana CTSI Community Health Engagement Program at www.indianactsi.org/chep/rfacbr.

For more information, contact 317-274-7152 or jenmhill@iupui.edu.

Grants & Funding

Indiana CTSI grant recipients announced

About 30 scientists recently received more than \$500,000 dollars from the Indiana Clinical and Translational Sciences Institute.

The Indiana CTSI offers numerous grant programs to investigators at Indiana University, Purdue University and the University of Notre Dame to accelerate the transformation of novel scientific discoveries into new medical treatments and therapies. These grants aim to provide investigator's

work the "extra boost" needed to reach the next phase of the translational pipeline, including basic science, clinical research and commercialization projects.

“The Indiana CTSI has already distributed more than \$12.5 million in grants and awards to promising research projects,” said Anantha Shekhar, M.D., Ph.D., director of the Indiana CTSI. “Our reviewers poured over many highly creative and innovative research projects in selecting these recipients. This year’s winners represent some of the most exciting, unique ideas coming out of IU, Purdue and Notre Dame.”

- **The 2012 Collaboration in Translational Research grants** will provide about \$375,000 to five teams of scientists from IU, Purdue or Notre Dame to support early-stage research projects with the potential to attract additional support from outside federal and commercial agencies, including the National Institutes of Health and National Science Foundation. This year’s recipients are conducting research to improve spinal injury recovery, breastfeeding outcomes, skin cancer treatment and the development of a robotic “scrub nurse” to automatically provide surgeons with implements during medical operations. For a complete list of the recipients, see the [award announcement](#).
- **The 2012 Spring Core Pilot grants** will provide about \$150,000 to 16 research projects at IU, Purdue and Notre Dame to provide access to more than 60 Indiana CTSI-approved cores across the IU, Purdue and Notre Dames campuses. This year’s recipients will access technologies related to genomic sequencing, proteomic analysis, mass spectrometry and advanced medical imaging technology. For a complete list of the recipients, see the [award announcement](#).
- **The 2012 Research Invention and Scientific Commercialization awards** will provide about \$60,000 to three scientists at the IU School of Medicine and IU Bloomington to encourage cutting-edge scientific breakthroughs and technology development that will serve as the foundation for new business enterprises and promote the advancement of translational research or health-related objectives. This year’s funded projects include investigations on improved cancer therapies, biochemical analysis and the use of video games to improve outcomes among patients suffering from stroke symptoms. For a complete list of the recipients, see the [award announcement](#).

For more information, visit the [Indiana CTSI Newsroom](#).

Grants and Awards — October 2012

The following list includes new and competing research awards received during September 2012, excluding commercial projects. Amounts shown are based on the first budget period/year:

PI	Agency	Type	Project Title	Begin	End	Total
Gustavo A.	American Cancer	New	Initiation of Motility in	7/1/12	6/30/13	\$155,898

Arrizabalaga, Ph.D.	Society		the Opportunistic Pathogen Toxoplasma Gondii			
Susan E. Clare, M.D., Ph.D.	Breast Cancer Research Foundation	Continuing/Competing	Development of a Molecular Encyclopedia of the Normal Human Breast	10/1/12	9/30/13	\$240,000
Stephanie D. Davis, M.D.	NIH-NHLBI	New	Early Cystic Fibrosis Lung Disease Studies in Humans, NHLBI (R01)	9/26/12	6/30/13	\$605,339
John M. Dewitt, M.D.	American Society For Gastrointestinal Endoscopy	New	Pilot study of EUS-guided Photodynamic Therapy with Porfimer Sodium for Locally Advanced Pancreatic Cancer	8/31/12	6/30/13	\$50,000
Jesus H. Dominguez, M.D.	U.S. Department of Defense	New	Intravenous Renal Cell Transplantation for Polycystic Kidney Disease	9/30/12	3/29/14	\$192,500
Stephen M. Downs, M.D.	Agency for Healthcare Research and Quality	New	Computer-Supported Management of Medical-Legal Issues Impacting Child Health	9/30/12	7/31/13	\$498,572
Flora M. Hammond, M.D.	U.S. Department of Education	New	Brain Research in Aggression and Irritability Network (BRAIN): Building Evidence-Based Approaches to Managing Traumatic Brain Injury	10/1/12	9/30/13	\$427,500
Jaroslav Harezlak, Ph.D.	University of California-Los Angeles	New	Predicting Brain Changes in HIV/AIDS	8/1/12	7/31/13	\$83,529
Noriyoshi Kurihara, Ph.D.	U.S. Army Medical Research and Materiel Command	New	Role of TAF12 in the Increased BDR Activity in Paget's Disease of Bone	9/30/12	9/29/15	\$903,196
Debomoy K. Lahiri, Ph.D.	NIH-NIA	New	Human MicroRNA as a Potential Therapeutic	9/30/12	8/31/13	\$228,204

			Target in Alzheimer's Disease			
Suthat Liangpunsakul, M.D.	Southern California Institute for Research and Education	New	Genetic Risk Factors for Alcoholic Cirrhosis: Genome-Wide Case-Control Study	9/20/11	8/31/12	\$60,705
Patrick J. Loehrer, M.D.	Walther Cancer Foundation	New	Center Directors Developmental Funds Award	10/2/12	10/3/13	\$50,000
Kathy D. Miller, M.D.	Breast Cancer Research Foundation	Contin/ Competing	Impact of Breast Cancer Treatment on Energy Expenditure Pilot Trial	10/1/12	9/30/13	\$227,334
Kathy D. Miller, M.D.	Komen Cancer Foundation	Contin/ Competing	PARP Inhibition After Preoperative Chemotherapy in Patients with Triple Negative Breast Cancer or Known BRCA 1/2 Mutations: A Clinical Translational Prelude	7/1/12	8/17/13	\$175,000
Kathy D. Miller, M.D.	University of Colorado	New	The Development of Novel Individualized Therapy for Metastatic Triple Negative Breast Cancer	7/9/12	6/30/13	\$44,974
Patrick O. Monahan, Ph.D.	NIH-NIAMS	New	Responsiveness and Clinical Validity of PROMIS Pain and Depression Measures	9/7/12	8/31/13	\$238,680
Grant D. Nicol, Ph.D.	NIH-NINDS	New	The Role of Atypical PKCs in Sensitization of Sensory Neurons by NGF	9/1/12	6/30/13	\$530,138
G. David Roodman, M.D., Ph.D.	University of Pittsburgh	Contin/ Competing	Viral and Genetic Regulation of Abnormal OCL Activity in PD	9/1/12	8/31/13	\$6,982
Andrew J. Saykin, O.D.	Northern California Institute For Research and Education	Contin/ Competing	The Alzheimer's Disease Neuroimaging Initiative	9/1/12	8/31/13	\$222,159

Xiao-Ming Xu, M.D., Ph.D.	U.S. Army Medical Research and Materiel Command	New	Targeting Acute Spinal Cord Injury Using Polymer Micelles Releasing Bisperoxovanadium (bpV)	9/30/12	9/29/15	\$686,674
Constantin T. Yiannoutsos, Ph.D.	New York University	New	Implementation Science to Optimize HIV Prevention in East Africa PEPFAR Programs	5/15/12	4/30/13	\$97,733
Mervin C. Yoder, M.D.	Children's Hospital Medical Center of Cincinnati	Continuing/ Competing	Cincinnati Cell Characterization Core	5/1/12	4/30/13	\$12,305

At Your Fingertips

Continuing Medical Education

The Continuing Medical Education office launched a new and improved website at cme.medicine.iu.edu. In addition to online registration and listings of grand rounds, conferences and courses, the site provides in-depth tools and information for presenters and program developers. Included are forms, tips, links, contacts, maps and other useful resources to make it easier to participate in CME events, prepare a presentation or plan an event.

Resources

Want to find a room that has a Polycom hook-up? Need official IUSM templates for your PowerPoint presentation or poster about a guest lecturer? Check out the new “Resources” page on the IUSM web site. This section is accessible from the left-hand side of the school’s home page at medicine.iu.edu.

If you have suggestions of other resources that would be beneficial and could be added to this list, contact the Office of Public and Media Relations at medschl@iupui.edu.

MEDTV

The Office of Public and Media Relations manages the MEDTV screens on the medical school campus. This closed-circuit TV system, part of the IUPUI network, presents an opportunity for

faculty, staff and students to communicate events and information of interest. It also serves as a source for broadcasting emergency information on campus.

The MedTVs are in public areas of the HITS building, the VanNuys Medical Science Building atrium and corridor/lounge, the Daly Student Center, Fesler Hall, Gatch Hall (formerly Clinical Building), Research II (R2), Walther Hall (R3) and the Cancer Research Institute (R4).

Announcements from departments and offices are welcome. To display your department or office announcement on MedTV, read the MedTV guidelines and find our online submission form at communications.medicine.iu.edu/get-the-word-out/medtv.

For more information, call 317-274-7722.

Scope submission guidelines

Scope wants your news items.

The deadline for submission is 8:30 a.m. Wednesdays. Scope is published electronically and sent to faculty, staff, students and residents on Thursdays, except on holiday weekends. Photos are encouraged with submissions and also may be used on the IUSM homepage or social media channels.

There are three easy ways to submit story ideas or information to Scope:

- E-mail the information to scopemed@iupui.edu
- Mail the information to Kevin Fryling, IU Communications, 251 N. Illinois St., North Tower, Suite 300, Indianapolis, IN 46204 (Campus mail; no postage required)
- Fax your information to 317-278-8722

Contributions submitted by e-mail should be forwarded in 12-point, plain text-format. Word document attachments in lieu of fliers are encouraged.

In the interest of accuracy, please do NOT use:

- Acronyms
- Abbreviations
- Campus building codes (use full, proper name of building and include the room number)
- Dr. as a preface before names (designate M.D. or Ph.D.)
- For more info, see the [Scope Style Guide](#) (PDF)

To keep the electronic version of Scope as streamlined as possible, only seminars and lectures of general or multidisciplinary interest will be included.

