



INDIANA UNIVERSITY

Weekly news for faculty, staff and students
from [Indiana University School of Medicine](#)

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October 12, 2017



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Top News

Brantly receives IU Distinguished Alumni Service Award

Kent Brantly, MD, IU School of Medicine alumnus, will be among those recognized today with IU's Distinguished Alumni Service Award. Dr. Brantly was nominated for the award by [Jay L. Hess, MD, PhD](#), vice president for university clinical affairs, and dean of IU School of Medicine.

While serving as a medical missionary in Liberia in 2014, Dr. Brantly contracted the Ebola virus and was the first person treated on U.S. soil for the disease. A 2009 graduate of IU School of Medicine, Dr. Brantly was later featured in Time magazine, along with other Ebola medical workers, as one of the magazine's 2014 Persons of the

Year. He delivered the [IU School of Medicine commencement address](#) in 2015.

"He is simply one of those rare people whose heart is in exactly the right place, and whose deep faith and humanity shine through in everything he does," said [Richard Gunderman, MD](#), Chancellor's Professor in the IU School of Medicine, the IU School of Liberal Arts at IUPUI and the IU Lilly Family School of Philanthropy, in his letter recommending Brantly for the service award.

The Distinguished Alumni Service Award is the university's highest award given only to an alumna or alumnus. Dr. Brantly will receive the award today in a special ceremony in Alumni Hall at the Indiana Memorial Union on the Bloomington campus. For more information on Dr. Brantly and the other award recipients, visit [News at IU](#).

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IU's new Grand Challenges initiative to tackle addiction crisis

Earlier this week IU announced its commitment to invest \$50 million to collaborate with community partners to prevent and reduce addictions in Indiana. Announced by IU President Michael McRobbie alongside Indiana Governor Eric Holcomb and Indiana University Health President and CEO Dennis Murphy, the initiative--Responding to the Addictions Crisis--is part of the university's bicentennial Grand Challenges Program.

Utilizing IU's seven campuses across the state, and in partnership with state officials, IU Health, Eskenazi Health and others, this statewide initiative is one of the nation's largest and most comprehensive state-based responses to the opioid addiction crisis--and the largest led by a university.

The Responding to the Addictions Crisis initiative will engage a broad array of IU's world-class faculty, as well as IU's business, nonprofit and government partners. Working together, the initiative aims to implement a comprehensive plan to reduce deaths from addiction, ease the burden of drug addiction on Hoosier communities, and improve health and economic outcomes.

The interdisciplinary team of IU researchers participating in this multifaceted effort will be led by IU School of Nursing Dean Robin Newhouse.

"Governor Holcomb has identified addressing the urgent substance abuse crisis, which is taking an increasingly severe toll on the health of far too many Hoosiers, as a key priority for the state, and aligning the resources of the state, including its universities, as a critical step in achieving that priority," McRobbie said.

"Through this vitally important initiative, Indiana University will bring to bear its formidable and extensive clinical and research capabilities, large statewide footprint in medicine and health care, and powerful community and industry partnerships to achieve maximum impact toward the goal of more effectively treating patients and implementing preventative substance abuse programs."

For more on the initiative, visit [News at IU](#).

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State of the University: McRobbie highlights strategic student learning and state prosperity initiatives

Indiana University President Michael A. McRobbie reported on the university's continued progress in serving the needs of its students and the state during his annual State of the University address on Tuesday, Oct. 10. He highlighted a new strategic effort to strengthen teaching and learning on all IU campuses and talked about a major investment in research that will contribute to the state's prosperity and to raising the standard of living for the people of Indiana and beyond.

Visit [News at IU](#) for full details or for an archived broadcast of the address, go to [broadcast.iu.edu](#).

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Research News

Research gives breast cancer patient second chance at life

Nurse. Mother. Grandmother. Donna Buck is no stranger to leading a busy life; however, a diagnosis of an advanced form of cancer stopped her in her tracks. In October 2016, Buck learned that she had stage 3b breast cancer, and that rigorous and immediate treatment was on the horizon. Given her clinical background, she knew that her recent diagnosis warranted a second opinion.

Buck sought the expertise of [Anna Storniolo, MD](#), a nationally-recognized clinical researcher and professor of clinical medicine at [IU School of Medicine](#). Rather than recommending chemotherapy, Dr. Storniolo had something else in mind. She presented Buck with the opportunity to participate in a clinical trial that would allow her to avoid chemotherapy altogether, and instead, would utilize two drugs proven to block the development of cancer cells.

Read the [Research Update blog post](#) for more on this ground-breaking therapy.

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Sept. research awards total over \$9M

Investigator	Sponsor	Type	Project Title	Begin Date	End Date
Zachary W Adams	Medical University Of South Carolina	New	Threat-Related Negative Valence Systems, Child Victimization, and Anxiety	4/3/17	1/3/18

Ashay D Bhatwadekar	National Eye Institute	New	Circadian Rhythms in Muller Cell Dysfunction	9/30/17	6/3
John W Brown	Riley Children's Foundation	Renewal (not prev committed)	Pediatric congenital heart datacenter and outcomes	4/1/17	6/3
D Wade Clapp	Riley Children's Foundation	New	Hematology/Oncology Section Chief Recruitment	7/1/17	6/3
Daniel O. Clark	National Institute On Aging	New	MIND Food and Speed of Processing Training in Older Adults with Low Education, The MINDSpeed Alzheimer's Disease Prevention Pilot Trial	7/15/17	5/3
Pierre C. Dagher	National Institute Of Diabetes, Digestive & Kidney	New	Nephron Sub-segmental Omics and Quantitative 3D Imaging of Human Kidney.	9/15/17	6/3
Peter J Embi	Vanderbilt University Medical Center	New	Improving Clinical trial Education, Recruitment, and Enrollment at CTSA Hubs (ICERCH)	2/1/17	6/3
Carmella Evans-Molina	City Of Hope	New	Human Islet Distribution Coordinating Center	7/1/17	3/3
Evan L. Fogel	University Of Texas Md Anderson Cancer Center	New	Consortium for the Study of Chronic Pancreatitis, Diabetes and Pancreatic Cancer: Coordinating and Data Management Center (PROCEED)	9/1/16	8/3
Tatiana M Foroud	Children's Hospital Medical Center Of Cincinnati	New	The Role of COL22A1 in Intracranial Aneurysms and Vascular Stability	6/15/17	4/3
Nicole R Fowler	National Institute On Aging	New	Decisions about Cancer Screening in Alzheimer's Disease	9/30/17	4/3
Nicole R Fowler	U.S. Department Of Defense	New	The Aging Brain ANSWERS Program	9/1/17	8/3

Greg Edward Gaski	Johns Hopkins University	New	PREVENTion of Clot in Orthopaedic Trauma (PREVENT CLOT): A Randomized Pragmatic Trial Comparing the Complications and Safety of Blood Clot Prevention Medicines Used in Orthopedic Trauma Patients	4/1/17	9/3
Zachary Gordon	Indiana University Health	New	Development and Implementation of a Value-Driven Outcomes Program: Improving Value by Optimizing Cost	7/1/17	6/3
David Sullivan Hains	Nationwide Children's Hospital	New	The interface between critical acid-base mediators and the renal bacterial defense	6/5/17	8/1
Tamara S Hannon	Indiana University Health	New	PACE-talk Patient Education: An Interactive Simulation Game for High School Health Classes	9/1/17	8/3
Leslie Ann Hulvershorn	Indiana University Health	New	Launch and initial evaluation of the Indiana Behavioral Health Access Program for Youth (IN-BeHAPY) in Pediatric Primary Care	8/1/17	7/3
Seethal A Jacob	Indiana State Department Of Health	New	Sickle Bright: Transitioning to a Bright Future-continuation	8/1/17	6/3
Nicholas Andrew Koontz	American Society Of Head & Neck Radiology	New	Advanced Functional Diffusion-Weighted MR Imaging and Dynamic Contrast Enhanced MR Perfusion Imaging of Metastatic Melanoma of the Head of Neck	10/1/17	9/3
Tim Lahm	National Heart, Lung And Blood Institute	New	Mechanisms of Right Ventricle Adaptation to Pulmonary Hypertension	9/1/17	8/3

Tao Lu	National Institute Of General Medical Sciences	New	Gene-specific responses to NF-kB through lysine and arginine methylation of p65	9/15/17	8/3
Xiongbin Lu	National Cancer Institute	New	Targeting Human Cancers with Hemizygous Deletion of TP53	8/9/17	3/3
Xiongbin Lu	National Cancer Institute	New	Ubiquitin specific peptidases as redox sensor in oncogene-induced p53 signaling	8/9/17	2/2
Xiongbin Lu	Baylor College Of Medicine	New	Engineering Antibody Drug Conjugates To Target P53-Defective Triple Negative Breast Cancer	6/13/17	5/3
John Jacob Manaloor	University Of California, San Diego	New	Kawasaki Disease Comparative Effectiveness Trial (KIDCARE)	2/1/17	1/3
Kathy D. Miller	The Breast Cancer Research Foundation	New	An initial safety study of Gedatolisib plus PTK7-ADC for metastatic triple-negative or estrogen poor breast cancer	10/1/17	9/3
Grzegorz Nalepa	National Heart, Lung And Blood Institute	New	Mitotic failure in Fanconi anemia: mechanisms and role in carcinogenesis	8/1/17	5/3
Adrian L Oblak	National Institute On Aging	New	In vivo assessment of the role of neurons and glia in tau propagation	9/1/17	5/3
Sophie Paczesny	National Heart, Lung And Blood Institute	New	Biomarkers for risk of chronic Graft-Versus-Host Disease occurrence	9/12/17	8/3
Roberto Pili	Purdue University	New	Role and targeting of PRMT5 in prostate cancer	6/9/17	5/3
Christopher Michael Robinson	National Institute Of Diabetes, Digestive & Kidney	New	Sex-dependent replication of coxsackievirus	9/14/17	7/3

Alexander G Robling	National Institute Arthritis Musculoskeletal Skin	Renewal (not prev committed)	Lrp4 signaling in bone metabolism and mechanotransduction	8/21/17	7/3
Senthilkumar Sadhasivam	National Institute Of Child Health, Human Devl.	New	Pharmacogenetics of Oxycodone, Personalized Care and Persistent Surgical Pain	9/1/17	8/3
Emily K Sims	Juvenile Diabetes Research Foundation International	New	Identification of ? Cell Dysfunction in Relatives of Individuals with Type 1 Diabetes Mellitus	9/1/17	8/3
Scott G Walker	Riley Children's Foundation	New	Stephen F. Dierdorf, M.D. Endowment Fund for Research in Pediatric Anesthesia - Grant #17-A40	10/1/16	6/3
Andy Qigui Yu	National Institute On Alcohol Abuse And Alcoholism	New	Alcohol's impact on immunological and virological profiles in HIV patients	9/15/17	8/3

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Faculty and Staff News

New from Healthy IU: Common Good online offering explores relationships

Relationships, health and peace of mind--they're all connected. When was the last time you thought about what goes into a "good" relationship? On Monday, Oct. 16, employees across all IU campuses will explore this topic in Healthy IU's first **Common Good four-week online practice**.

The voluntary program, which is also open to spouses of IU employees, is designed to strengthen relationships and boost happiness. The online program will help participants tap into four essential characteristics--gratitude, purpose, effective communication and self-compassion.

Email challeng@iu.edu with questions about Common Good or other Healthy IU programs.

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Questions about benefits? Attend Oct. 27 benefits fair

Plan to attend a health and benefits fair from 9 am-2 pm, Friday, Oct. 27, in the IUPUI Campus Center, fourth floor Multipurpose Room. The fair will feature campus and community resources to support health and wellness, including flu shots and free health screenings. Information will be available about IU employee benefit plans with representatives from Anthem, IU Health Plans, Cigna, Care.com, IUEAP, Fidelity, TIAA, Nyhart and more.

Note: Pre-registration with Healthy IU is required for some health screenings. Email healthyiu@indiana.edu or call 317-274-6470 to register.

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Student Showcase

Spring break Nicaragua service trip: Info session is Oct. 20

Interested in combining travel and service? Fascinated by other cultures? Want to get out of the books and into the dirt? Apply for the [Department of Family Medicine's ENLACE](#) international service trip to Nicaragua, March 31-April 8, 2018. This trip is open to all graduate-level health professions students with a focus on MS1 and MS2 students.

Visit this [Zoom link](#) to attend one of the following online informational meetings:

Northwest-Gary and Evansville campuses: Friday, Oct. 20; noon (CT)

All other IU School of Medicine campuses: Friday, Oct. 20; noon (EST)

Unable to make the Zoom meeting? [Learn more](#) about the trip. [Program information and application](#) are available. Questions? Email famm@iupui.edu.

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Opportunities

Postdoc Live is Oct. 25

The IU School of Medicine Office of Postdoctoral Affairs is hosting Postdoc Live from 2-3 pm, Wednesday, Oct. 25, in the Cancer Research Building (R4), Room 101. In this monthly seminar series, postdoctoral trainees formally present their research, followed by constructive feedback from attendees. The Oct. 25 presenter is Ushashi Dadwal, PhD, on the topic of "CaMKK2 Inhibition as "Dual-Hit" Strategy Against ADT-Induced

Osteoporosis and Bone-Metastatic Prostate Cancer.” All are welcome to attend with [RSVP](#).

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Predoctoral training award apps due Nov. 15

The Indiana Clinical and Translational Sciences Institute (CTSI) seeks applicants for [special predoctoral training awards](#) in translational research. These awards are aimed at predoctoral students whose research is at any point along the translational spectrum. Funding is for two years (with the second year of funding contingent upon satisfactory progress).

Interested candidates must be prescreened for eligibility. Submit a copy of your CV by Wednesday, Nov. 8, to Dr. Colleen Gabauer at ictsi@purdue.edu. Full application deadline is Wednesday, Nov. 15.

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Postdoc recruitment weekend is Oct. 26-27

Faculty, postdocs, graduate students and staff are invited to attend this year's postdoctoral recruitment weekend events on Thursday and Friday, Oct. 26 and 27. A small group of potential postdocs are invited to IU School of Medicine to present their research during the weekend, which is hosted by the IU School of Medicine Office of Postdoctoral Affairs.

Events include:

Thursday, Oct. 26; 3-4:30 pm: Candidate mixer in R3 Atrium

Friday, Oct. 27; 9:30-11 am: Candidates present research in R3 C203 Auditorium

Friday, Oct. 27; 1-4:30 pm; Candidates interview with five faculty members

Complete schedule of events is available, and those interested in attending are asked to [register](#).

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Nov. 22 is deadline to apply for postdoctoral research training awards

The Indiana Clinical and Translational Sciences Institute (CTSI) seeks applicants for special postdoctoral training awards in translational research. In biomedical terminology, translational research refers to what is popularly termed as “bench to bedside”--the process by which research in the lab translates into patient treatment. Translation may involve applying discoveries made during research (in the lab, through animal studies, etc.) to the development of clinical trials and studies in humans or carrying out research aimed at enhancing the adoption of best practices or both. To be eligible, candidates must have received a PhD or equivalent degree from an accredited

domestic or foreign institution.

Refer to the [competition guidelines](#) for full eligibility criteria. Full submission deadline is Wednesday, Nov. 22. Questions? Email Patricia McGuire at pcmccguir@iu.edu.

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Kudos

Rushton receives Courage to Teach Award

Jerry Rushton, MD, MPH, program director and associate professor of [clinical pediatrics](#) at IU School of Medicine, was recently honored with the 2018 Parker J. Palmer Courage to Teach Award by the Accreditation Council for Graduate Medical Education (ACGME). This award honors program directors who find innovative ways to teach residents and to provide quality health care while remaining connected to the initial impulse to care for others.

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Roodman honored by American Society for Bone and Mineral Research

David Roodman, MD, PhD, Kenneth Wiseman Professor Medicine, was named the 2017 recipient of the Lawrence G. Raisz Award for his outstanding achievements in preclinical translational research in the bone and mineral field by the American Society for Bone and Mineral Research. The society is the leading professional, scientific and medical society established to bring together clinical and experimental scientists involved in the study of bone and mineral metabolism.

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Guise earns distinguished alumni award

Theresa Guise, MD, the Jerry W. and Peggy S. Throgmartin Professor of Oncology, was recently named a recipient of the Philip S. Hench Distinguished Alumni Award from the University of Pittsburgh School of Medicine. Dr. Guise earned her medical degree from the university in 1985.

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Bayon receives Women of Influence Trailblazer Award

Baindu Bayon, PhD, a post-graduate researcher at the IU School of Medicine

Neuroscience Center, received the 2017 Women of Influence Trailblazer Award from the National Center of Excellence in Women's Health. Dr. Bayon recently earned her doctorate in **medical and molecular genetics** from IU School of Medicine.

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Around Campus

Medical Science Building renovations include new musculoskeletal center

A flurry of construction activity on the fourth and fifth floors of the Medical Science Building in Indianapolis soon will result in a flurry of research activity.

Nearly 7,000 square feet of space on the fifth floor is being renovated to create the **Indiana Center for Musculoskeletal Health**, where research into the interaction of bone and muscle will be conducted by a team being recruited by center director **Lynda Bonewald, PhD**. Construction began in January and is expected to be completed this month, after which furniture and then lab equipment will be moved in.

Offices for program administration and five faculty members will complement the laboratory space. Dr. Bonewald hopes to have the faculty members on board by early 2018.

"My goal is to bring together bone and muscle researchers and have them work together just like our musculoskeletal system does," she said. "We will be unique in that we will truly focus on muscle and bone interaction."

Sharing the fifth floor and occupying part of the fourth is the **Department of Pharmacology and Toxicology**, which also is being renovated. Open-concept, state-of-the-art lab space was designed so efficiently--and with faculty input--that it will accommodate six faculty members, up from four, said **Bryan Yamamoto, PhD**, the department chair.

Office space for department administration, faculty members, staff and students also received a facelift. The work is scheduled to be completed this month.

"It's efficient space with a lot of natural light," Dr. Yamamoto said. "I think it'll be a good collaborative environment to work in."

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Mental health awareness event is Oct. 19

IUPUI will host a Mental Health Awareness Day event on Thursday, Oct. 19, in the Campus Center Atrium. Counseling and Psychological Services (CAPS) at IUPUI offers an **anonymous screening tool** to determine if an individual should contact a mental health professional for assistance.

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Oct. 19 debate addresses legalization of medical aid in dying

In observance of World Bioethics Day on Oct. 19, Indiana University Northwest -- Gary is hosting a debate about the legalization of medical aid in dying. The event will be held at 5:30 pm Thursday, Oct. 19 in the Bruce W. Bergland Auditorium, located in the Savannah Center.

Medical aid in dying is a practice in which a terminally ill individual requests medication from a doctor to facilitate a peaceful death rather than unbearable suffering. This is different than assisted suicide. To receive medical aid in dying, two physicians must confirm the patient's terminal illness in addition to their mental capability to make decisions.

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