

Weekly news for faculty, staff and students from the Indiana University School of Medicine

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Top News

Trustees, graduates honor IUSM's top teachers

Each year the Indiana University Board of Trustees recognizes faculty excellence in teaching through a program known as the Trustee Teaching Awards. Excellence in teaching is the primary factor for selection. The awards are announced annually during IUSM commencement. This year, 50 faculty members were honored for their teaching excellence. Teaching, staff, and clerkship awards also were presented by IUSM graduates at the Senior Banquet on May 6.

Trustee Teaching Award recipients:

Jerome M. Adams, M.D.

Carla J. Aldrich, Ph.D.

Matthew R. Allen, Ph.D.

Mark E. Bauman, M.D.

David R. Bell, Ph.D.

Gabriel T. Bosslet, M.D.

Howard S. Boswell Jr., M.D.

John M. Chambers III, M.D.

Joseph M.B. Croffie, M.D.

Stephen F. Echtenkamp, Ph.D.

James D. Forney, Ph.D.

Thomas G. Fox, M.D.

Warren B. Gavin, M.D.

Gregory P. Gramelspacher, M.D.

Richard B. Gunderman, M.D., Ph.D.

Dipika Gupta, Ph.D.

Richa Gupta, M.D.

Paul R. Helft, M.D.

Ruben H. Hernandez, M.D.

Michael J. Hobson, M.D.

Martin Kaefer, M.D.

Kenneth A. Kesler, M.D.

Michael W. King, Ph.D.

Abigail F. Klemsz, M.D., Ph.D.

Michael D. Litt, Ph.D.

Tao Lu, Ph.D.

Kandice K. Ludwig, M.D.

James F. Malec, Ph.D.

Bruce J. Martin, Ph.D.

Alice M. Mitchell, M.D.

Robert M. Pascuzzi, M.D.

Katie E. Pettit, M.D.

Cory J. Pitre, M.D.

Maria C. Poor, M.D.

Peter J. Roach, Ph.D.

Jason T. Schaffer, M.D.

Emily K. Scott, M.D.

Javier F. Sevilla-Martir, M.D.

Marcia L. Shew, M.D.

Ronald L. Shew, Ph.D.

Charles M. Shufflebarger, M.D.

Arjun D. Sinha, M.D.

Riley J. Snook, M.D.

Roopa A. Subbarao, M.D.

Paula D. Sullivan, Ph.D.

Tracy C. Vargo-Gogola, Ph.D.

Gabi N. Waite, Ph.D.

Emily C. Webber, M.D.

Julie L. Welch, M.D.

Donald Wong, Ph.D.

Awards presented by graduates at the Senior Banquet:

Golden Apple Award (Outstanding Professor): W. Graham Carlos, M.D.

Outstanding Clerkship: General Surgery

Support Staff Award: José R. Espada

Basic and Clinical Science Teaching Awards:

John Barone, M.D.

Derron Bishop, Ph.D.

John Christenson, M.D.

Roman Dziarski, Ph.D.

Richard Gunderman, M.D., Ph.D.

David Halperin, M.D.

Ruben Hernandez, M.D.

Glenn Merkel, Ph.D.

Michael Moore, M.D.

Atilla Nakeeb, M.D.

Valerie O'Loughlin, Ph.D.

Robert Pascuzzi, M.D.

Maria Poor, M.D.

Virginia Reed, M.D.

Dale Saxon, Ph.D.

Mark Schoolnee, D.O.

Mark Siefert, Ph.D.

Joseph Turner, M.D.

Gerald Wehr, M.D.

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Schematic offers at-a-glance look at new curriculum

With Phase 1 courses complete and work on Phases 2 and 3 underway, the IU School of Medicine's new curriculum -- set to launch in August -- is taking shape. A new schematic, available now on the school's Curriculum Renewal website, provides a visual representation of what's in store for the Class of 2020 when students arrive this fall. The schematic, organized by calendar months, shows the courses, clerkships, and electives that compose the three phases. A new interactive version providing course descriptions and other detail will be added to the site later this month.

"The new tool will highlight the various parts of each phase, helping to illustrate what students can expect," said Sarah Lang, Ph.D., director of curricular operations for Medical Student Education.

Earlier this month, Bradley Allen, M.D., Ph.D., senior associate dean for Medical Student Education, provided an update on the new curriculum. Read the Q&A here.

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Biotech startup based on IUSM research launches to develop lung disease therapy

Indiana University Research and Technology Corp., which advances intellectual property developed at IU so it can be commercialized by industry, has optioned technology to Allinaire Therapeutics that could treat patients affected by lung-related diseases. Allinaire Therapeutics was launched by BioMotiv, a Cleveland-based drug-development accelerator.

Allinaire Therapeutics is a biotechnology startup that aims to develop novel therapeutics for chronic obstructive pulmonary disease, or COPD. The disease is characterized by inflammation and progressive destruction of lung tissue, leading to difficulty in breathing.

The discoveries were made by Dr. Irina Petrache, chief of pulmonary, critical care and sleep medicine at the National Jewish Health Center in Denver, and Matthias Clauss, Ph.D., associate research professor of medicine at the Indiana University School of Medicine. Together, they are Allinaire's scientific founders.

"More than 3.1 million Americans have been diagnosed with emphysema, one of the components of COPD. COPD is the fourth leading cause of death in the United States, killing more than 120,000 people in 2015," Clauss said. "Therapeutics currently on the market only address the symptoms of COPD, trying to help people breathe better. The potential of our discovery is to slow down the progression of COPD and perhaps reverse it."

Baiju R. Shah, CEO of BioMotiv, said Petrache and Clauss discovered a novel therapeutic target that plays a role in the lung inflammation and airway remodeling that lead to the disease.

"They have demonstrated that a therapeutic antibody against this target has a strong potential to slow the progression of the disease," Shah said. "We look forward to working with them to advance their discoveries into breakthrough medicines to help patients with COPD and other pulmonary diseases."

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Faculty and Staff News

Faculty Steering Committee announces election results

The IU School of Medicine Faculty Steering Committee has announced this year's election results. Faculty elected will serve from July 2016 to June 2018.

The Faculty Steering Committee president for 2016-2017 is Emily Walvoord, M.D., and secretary is Chen Lin, Ph.D.

- President-elect: Dan Rusyniak, M.D.
- Secretary-elect: Megan Palmer, Ph.D.
- IU Health Physicians representative on the Faculty Steering Committee: Steve Steiner, M.D.
- Regional campus representative on the Faculty Steering Committee: Mari Hopper, Ph.D.
- IUPUI Faculty Council: Kacy Allgood, MLS, AHIP; Erik Imel, M.D., M.S.; David Nelson, Ph.D.; X. Frank Yang, Ph.D.; Benjamin James, M.D.; Ruben Vidal, Ph.D.
- CFAS representative: Robert Presson, Jr., M.D.
- Academic standards: Mark Goebl, Ph.D.; Elizabeth Whipple, MLS
- Admissions: Lauren Dungy-Poythress, M.D.; Patricia Gallagher, Ph.D.
- Awards: Travis Jerde, Ph.D.; Katherine McHugh, M.D.
- Biomedical research: Thomas Everett IV, Ph.D.; Troy Markel, M.D.
- Community relations: Nancy Johnston, DVM; Liam Howley, M.D.
- Curriculum council: Christen Dilly, M.D.; Palmer Mackie, M.D.
- Faculty development coordinating: Heather Fleming, M.D.; Christine Raches, PsyD, HSPP,
 BCBA
- Faculty promotion and tenure: J. Dennis Fortenberry, M.D., M.S.; Stephanie Davis, M.D.
- Lecturers and clinical rank faculty appointment contract and promotion: John Christenson, MD;
 Michael Trautman, M.D.
- Student promotions: Tamika Dawson-Knox, M.D.; Amy Munchhof, M.D., Ph.D.

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Correction: Sabbatical leave requests due Oct. 21

The schedule for sabbatical leave requests (applicable to <u>tenured</u> faculty only) during academic year 2017-18 is:

- Oct. 7, 2016: Submit tentative list to the Dean's Office.
- Oct. 21, 2016: Submit applications electronically to the Dean's Office. (Submit to lwakefie@iu.edu.
 Visit academicaffairs.iupui.edu for instructions.)

Sabbatical leave information is available at faculty.medicine.iu.edu.

The schedule for submission of recommendations for faculty promotions to be effective July 1, 2017, is:

- June 15, 2016: Submit tentative list to the Dean's Office.
- July 1, 2016: Submit formal recommendations (original only), including all documentation, to the Dean's Office.

Forms to be used for promotion recommendations are available at faculty.medicine.iu.edu.

All completed forms for the above faculty actions should be submitted to Lynn Wakefield, Fairbanks Hall, room 5100.

Editor's note: The article published in the May 5 issue listed an incorrect date for sabbatical leave requests. The editors apologize for the error.

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IUSM faculty featured in Insights into Innovation website

To honor National Inventors Month, IU launched a special website earlier this month that highlights the work of several IUSM faculty – considered among the university's "inventors." Visit inventors.iu.edu for profiles on the following faculty:

- Bonnie Blazer-Yost, Ph.D.
- Malaz Boustani, M.D.
- Darron R. Brown, M.D.
- Peng-Sheng Chen, M.D.
- Mark Kelley, Ph.D.
- Keith March, M.D., Ph.D.
- Bruce A. Molitoris, M.D., Ph.D.
- Dawn Neumann, Ph.D.
- Anantha Shekhar, M.D., Ph.D.

Yvonne Lai, Ph.D.

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Zipes publishes third novel

Douglas Zipes, IUSM Distinguished Professor Emeritus, has published his third novel, a historical thriller titled "Not Just a Game."

The book follows three generations of Olympic athletes over eight decades, culminating in intrigue and danger at the 2016 Summer Olympic Games in Brazil. With some historical basis in fact and characters loosely based on real people, Dr. Zipes' story chronicles the challenges of Olympic competition experienced by a grandfather, father, and daughter from one Jewish family.

Zipes dedicates "Not Just a Game" to the 11 Israeli athletes and coaches taken hostage and killed by Palestinian terrorists during the 1972 Summer Olympic Games in Munich. He's written and published two other novels, "The Black Widows" and "Ripples in Opperman's Pond."

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Student News

IUSM hosts first mini medical school for high school students

IU School of Medicine conducted its first mini medical school last month for 50 Indianapolis Public Schools (IPS) students from Crispus Attucks High School and Shortridge High School. IPS students are underrepresented among IU medical students, and the purpose of the event was to give the students a chance to learn about careers in medicine. The day-long event was funded primarily by the IPS Education Foundation and Methodist Health Foundation, along with support from IUSM and Indiana University Health.

Students from the IUPUI School of Tourism and Event Management, along with IU School of Medicine faculty member Richard Gunderman, M.D., Ph.D., planned the event, which included a keynote address on concussion from Thomas McAllister, M.D., chairman, IUSM Department of Psychiatry. José Espada, IUSM director of financial aid, provided information about admissions and financial planning. Dr. Gunderman talked about becoming a physician to make a difference in the lives of patients, families, and communities.

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Med students encouraged to complete PrEP survey

Medical students across the U.S. are participating in a survey about their knowledge, beliefs, and experiences regarding pre-exposure prophylaxis (PrEP) for HIV prevention. IU School of Medicine is taking part in the survey, which is being conducted by a researcher at Rutgers University. All medical students are encouraged to complete the one-time survey, which takes about 10 to 15 minutes.

Click here for the survey. Use this password: prep

Responses are confidential, anonymous, and stored in a secure server. Educational information about PrEP will be presented following the survey. Participation is voluntary, and you may withdraw participation at any time. Review the informed consent at the beginning of the survey.

The study's principal investigator is Dr. Tanaya Bhowmick, assistant professor of medicine and infectious diseases at Rutgers Robert Wood Johnson Medical School. Rutgers University is the main study site.

Questions? Contact the study leaders Dr. Tanaya Bhowmick (bhowmita@rwjms.rutgers.edu) or Brandon Imp (impbm@rwjms.rutgers.edu).

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Annual Rock for Riley event raises \$4K for hospital

This year's Rock for Riley benefit concert on April 23 raised more than \$4,000 for Riley Hospital for Children at IU Health. Sponsored by the IUSM Office of Medical Service-Learning, Rock for Riley is a one-of-a-kind organization created and managed by IUSM students. Since the organization's founding in 2004, Rock for Riley has raised more than \$800,000 for the hospital.

Visit mse.medicine.iu.edu for more information about this and other service-learning initiatives statewide.

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Research News

April research awards top \$5.9 million

Investigator	Sponsor	Туре	Project Title	Begin Date	End Date	Awarded Dollars
Debra K Litzelman	Indiana University Health	New	WeCare Indiana: Improving Maternal and Infant Health to Reduce Infant Mortality	1/1/2015	12/31/2017	421,475
Raghu G Mirmira	Riley Children's Foundation	New	Wm & Helen Thomas Trust	7/1/2015	8/31/2016	25,000
Karen Marie Moody	Indiana University Health	New	A Novel Chaplaincy Clinical & Educational Program in Pediatric Palliative Care	8/1/2015	7/31/2016	5,558
Brian Scott Decker	Purdue University	New	Formulation, processing and	9/1/2015	8/31/2016	183,074

			performance interrelationships for amorphous solid dispersions			
Kieren J Mather	George Washington University	New	Emotional Distress in a Comparative Effectiveness Trial of Diabetes Treatments	9/1/2015	3/31/2020	43,730
Andrew J Saykin	Northern California Institute For Research & Edu	New	Effects of Traumatic Brain Injury and Post- Traumatic Stress Disorder on Alzheimer's Disease (AD) in Veterans with Mild Cognitive Impairment (MCI) using the Alzheimer's Disease Neuroimaging Initiative (ADNI)	9/30/2015	9/29/2016	19,471
Matthew C. Aalsma	National Library Of Medicine	New	EMR Dataset	9/30/2015	3/31/2017	95,048
Stephanie D Davis	Seattle Children's Research Institute	Renewal (not prev committed)	Saline Hypertonic in Preschoolers (SHIP)	11/1/2015	10/31/2016	51,060
Maria Bartolomeo Grant	Michigan State University	New	Dyslipidemia and Diabetic Retinopathy	12/1/2015	11/30/2016	78,000
Paul Musey	Rhode Island Hospital	New	HELP PAIN Trial	12/1/2015	11/30/2016	12,573
Raghu L Motaganahalli	Purdue University	New	Thermotherapy for intermittent claudication	1/1/2016	12/31/2016	58,926
Theresa Ann Guise	U.s. Department Of Defense	New	Effect of low magnitude mechanical signals on breast cancer bone metastases.	2/1/2016	1/31/2019	857,226
Haitao Guo	National Institute Allergy & Infectious Diseases	New	Molecular mechanisms of HBV cccDNA Formation	3/11/2016	2/28/2017	381,600
Bruce Timothy Lamb	U.s. Department Of	New	The Role of TREM2 in Traumatic Brain Injury Induced	3/15/2016	10/14/2017	478,380

	Defense		Pathology			
Gregory M. Sokol	National Institute Of Child Health, Human Devl.	New	Eunice Kennedy Shriver NICHD Cooperative Multicenter Neonatal Research Network	4/1/2016	3/31/2017	7,800
Liana G Apostolova	National Institute On Aging	New	Imaging and genetic biomarkers for Alzheimer's disease	4/1/2016	3/31/2017	319,800
Samy Meroueh	National Cancer Institute	New	Small-Molecule Antagonists of Ral GTPases in Cancer	4/1/2016	3/31/2017	602,597
David L Waning	National Cancer Institute	New	Novel therapies to treat chemotherapy-associated weakness.	4/5/2016	3/31/2017	203,580
Brady K Atwood	National Institute On Alcohol Abuse And Alcoholism	New	Dorsal striatal mu opioid receptor function and alcohol use	4/15/2016	3/31/2017	248,933
Tao Lu	V Foundation For Cancer Research	New	Facing up to the challenge, a novel approach to combat carboplatin resistance in ovarian cancer	4/15/2016	4/15/2017	100,000
Richard L Bell	National Institute On Alcohol Abuse And Alcoholism	Renewal (not prev committed)	Rodents with Genetic Differences in Alcohol Preference	5/1/2016	4/30/2017	543,936
Todd C Skaar	National Institute Of General Medical Sciences	New	Age-related changes in microRNA expression effect on drug metabolism in human liver	5/1/2016	4/30/2017	28,989
Armin Blesch	Indiana State Department Of Health	New	Patterned human glial progenitors stem cells in spinal cord injury	7/1/2016	6/30/2018	160,000
David A Haggstrom	Walther Cancer Foundation, Inc.	New	Patient-Centered Informatics for Cancer Survivors	7/1/2016	6/30/2019	449,991
Joyce Harts Hurley	Indiana State Department	New	Sensitization of the Trigeminovascular System after mTBI: A	7/1/2016	6/30/2018	160,000

	Of Health		Mechanism for Posttraumatic Migraine?			
Shelley A. Johns	Walther Cancer Foundation, Inc.	New	Faculty Development in Supportive Oncology: Shelley Johns, PsyD, ABPP	7/1/2016	6/30/2019	449,228

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Opportunities

Instructors needed for GLIC procedures day

IUSM Medical Student Education is looking for faculty or resident volunteers to assist with the skills training portion of the 2016 Global Longitudinal Integrated Curriculum (GLIC) procedures day on Tuesday, June 14. Mastery of the skills is not necessary -- only a willingness to provide support to students in a learning environment.

To prepare for the skills training, teaching modules are available prior to the sessions. Instructional sessions include airway management, placement of Foley catheters, IV placement, arterial puncture, and suturing.

The time commitment for the GLIC procedure sessions is four hours either in the morning or afternoon on June 14. Morning sessions are from 8 am to noon and the afternoon sessions are from 1 to 5 pm.

If interested, contact Rhonda Kelly at rhkelly@iu.edu.

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Thursdays through June 9: Memory University explores end-of-life care for dementia

The Indiana Alzheimer Disease Center presents Memory University 2016, a unique program for research participants, their family members and others interested in learning more about decision-making and later-stage Alzheimer's disease and other dementias. Sessions highlighting "Decision-making and end-of-life-care for dementia" will be held from 1:30 to 3 pm on Thursday afternoons from May 26 through June 9 and feature a different speaker each week. The sessions take place in Goodman Hall Auditorium, IU Health

Neuroscience Center, 355 W. 16th St. Register at iadc.medicine.iu.edu or call Donna Wert at 317-963-7297.

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Kudos

Callahan recognized by American Geriatrics Society

Christopher Callahan, M.D., the Cornelius and Yvonne Pettinga Professor of Medicine at IU School of Medicine, the founding director of the Indiana University Center for Aging Research, and a Regenstrief Institute investigator, has been named the 2016 recipient of the American Geriatrics Society's prestigious Edward Henderson Award. Dr. Callahan is delivering the 2016 Henderson State-of-the-Art Lecture at the society's annual meeting today in Long Beach, California. His presentation focuses on providing care to persons with Alzheimer's disease and supporting their family caregivers.

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Ten faculty receive Young Investigator Training Awards

The Indiana Clinical and Translational Sciences Institute (ICTSI) recently announced its 2016-17 Young Investigator Training Award recipients. The institute was able to fund 10 young investigator awards (four renewals and six new awards) this period. The awards, funded by ICTSI (and partially funded by the National Institutes of Health, the National Center for Advancing Translational Sciences, the Clinical and Translational Sciences Award, the Neuroscience Strategic Research Initiative, the IU Department of Medicine, and institutional support) are focused on improving young scientists at the participating universities.

The 2016 new young investigator awardees are:

- **Takashi Hato, M.D.**, assistant professor of medicine, nephrology, Indiana University School of Medicine, is examining ways to treat sepsis-induced acute kidney injury in hospitalized patients.
- Kyle Minor, Ph.D., assistant professor of psychology, Indiana University-Purdue University School of Science, is studying the use of wearable technologies as novel therapeutic tools for serious mental illness.
- Marguerite O'Haire, Ph.D., assistant professor of psychology, comparative pathobiology, Purdue University College of Veterinary Medicine, is analyzing the therapeutic efficacy of service dogs for veterans with posttraumatic stress disorder.
- Jenifer Prosperi, Ph.D., assistant professor of medicine, biochemistry and molecular biology, Indiana University School of Medicine-South Bend, is examining pathways to circumvent breast cancer chemoresistance.
- Andrea Shin, M.D., assistant professor of medicine, gastroenterology and hepatology, Indiana
 University School of Medicine, is studying the effects of bile, fatty acids, and intestinal microbiota in
 patients with irritable bowel syndrome.
- Tuan Tran, M.D., Ph.D., assistant professor of medicine, infectious diseases, Indiana University School of Medicine, applies systems biology approaches to define immunity to Plasmodium falciparum and elucidate the complex host responses during the course of malaria infections.

The 2016 Young Investigator renewal awardees are:

http://inscope.medicine.iu.edu/issues/2016/2016-05-19.html[11/30/2016 4:18:07 PM]

- **Jill Fodstad, Ph.D.**, assistant professor of psychiatry, IU School of Medicine, is developing a parent–training program to decrease early self-injury in infants and toddlers with developmental disabilities.
- **Craig Lammert, M.D.**, assistant professor of medicine, IU School of Medicine, digestive and liver diseases, is studying autoimmune liver diseases and contributing exposures.
- **Troy Markel, M.D.**, assistant professor of pediatric surgery, IU School of Medicine, is studying the effects of human bone marrow as an alternate therapy for intestinal ischemia.
- Tamika Zapolski, Ph.D., assistant professor of psychology, Indiana University-Purdue University, is
 planning to modify and pilot test a behavior therapy intervention to reduce risk-taking behaviors in
 adolescents.

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Around Campus

Bloomington - Researchers: Galaxy Community Conference is June 25-29

If you work in data-intensive biomedical research, plan to attend the Galaxy Community Conference June 25-29 at IU Bloomington. The conference includes keynotes, poster sessions, exhibitors, and networking opportunities. Learn more and register at gcc2016.iu.edu.

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Indy – "Synergistic Action to Impact Indiana's Health" forum is June 9

Sponsored by the Indiana Clinical and Translational Sciences Institute-Community Health Engagement Program, the forum – Synergistic Action to Impact Indiana's Health – will be held from 8:30 am to 3:30 pm on Thursday, June 9, at the Eiteljorg Museum, 500 W. Washington St., Indianapolis. The event focuses on changing the culture of health in Indiana. Register here or learn more at indianactsi.org/chep.

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Indy – June 13: Cell therapy and regenerative medicine symposium

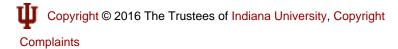
Join the Regenerative Medicine Working Group on Monday, June 13, for a symposium to discuss:

- · Commercialization of cell therapy and regenerative medicine
- Healthcare system engagement with cell therapy and regenerative medicine

The event will be held at the Athenaeum, 401 E. Michigan St., in Indianapolis. For more information, view the flyer here. To register, visit ihif.org.

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