

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

MENU ▼

June 22, 2017



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Events

6/26/2017

Thesis Defense: Yanique Thomas, Graduate Student, Department of Microbiology and Immunology

6/26/2017

"Exercise Hemodynamics and Training Adaptations in Pulmonary Hypertension" by Mary Beth Brown, PT, PhD

6/28/2017

REDCap Office Hours

View more events »

Top News

Palmer and Allen recently appointed to OFAPD positions

Two IU School of Medicine faculty members will begin serving in positions with the Office of Faculty Affairs and Professional Development (OFAPD) effective July 1.

Megan Palmer, PhD, has been appointed associate dean for OFAPD. Responsible for leading the office's faculty and organizational development functions, Dr. Palmer will mentor and supervise the team responsible for statewide programs and initiatives aimed at helping faculty be successful in their roles as educators, scholars, clinicians and leaders. Serving OFAPD for more than nine years, Dr. Palmer has a breadth and depth of experience leading school and campus-wide initiatives. She will continue to

serve as associate professor and vice chair for education and faculty development in emergency medicine.

Matt Allen, PhD, has been appointed as a new assistant dean for OFAPD. Dr. Allen, associate professor of anatomy and cell biology, will bring the critical perspective of a foundational science faculty member to OFAPD's work. His efforts will be focused primarily on developing new programs and/or enhancing existing programs aimed at fostering the satisfaction, retention, and success of research-oriented faculty and midcareer faculty. Dr. Allen is a nationally renowned scientist and award-winning teacher, with a passion for mentoring and career development.

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Paczesny named Nora Letzter Professor of Pediatrics effective July 1

Effective, July 1, Sophie Paczesny, MD, PhD, will be the second holder of the Nora Letzter Professorship in Pediatrics. In addition to the new title of Nora Letzter Professor of Pediatrics, Dr. Paczesny will retain her current titles of professor of pediatrics and professor of microbiology and immunology. The previous holder of the Letzter professorship was Mary C. Dinauer, MD, PhD.

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Next INScope issue is July 13

Due to INScope's summer publication schedule and the observance of Independence Day on July 4, the next issue of INScope will be published on Thursday, July 13. As a reminder, INScope will be published on the following Thursdays through the summer months:

July 13

July 27

Aug. 3

Aug. 10

Aug. 17

Aug. 24

(No issue on Aug. 31 due to the Labor Day holiday)

The deadline for submission of news items is Wednesday at noon for each Thursday's issue. For more information, visit the INScope page on MedNet. News items and questions should be sent to scopemed@iu.edu.

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Research News

May research awards total \$6.4 million

| Investigator | Sponsor | Туре | Project Title | Begin I Date |
|--------------------------|--|------|---|-----------------|
| Robert Bacallao | Purdue University | New | Lowe Syndrome: Therapeutic Strategy by Drug Repositioning. | 4/1/2017 ; |
| David Boone | American Gastroenterological Association | New | Innate Immune colitis | 7/1/2017 |
| Zeruesenay Desta | Campbell Foundation | New | Probenecid- Boosted Tenofovir: A New Strategy for On- Demand HIV PrEP | 7/1/2016 |
| X Dong | National Institute On Alcohol Abuse And Alcoholism | New | Role of sirtuin 6 in the protection of liver from the alcohol-induced injury | 4/20/2017 ; |
| Carmella Evans-Molina | Mayo Clinic, Rochester | New | Regulation of pulmonary antiviral immunity in normal and obese hosts | 4/1/2017 : |
| Monika Fischer | Brigham And Women's Hospital | New | The ICON Study: Inflammatory Bowel Disease and Recurrent Clostridium difficile Infection: Outcomes after Fecal Microbiota Transplantation | 1/1/2017 |
| Kathryn Frank | American Geriatrics Society | New | Meaningful Consumer Engagement - Community Catalyst | 3/1/2017 |
| Takashi Hato | National Institute Of Diabetes, Digestive & Kidney | New | Modulating purine metabolism to treat kidney injury in sepsis. | 5/1/2017 |
| Debra Hickman | Animal Welfare Institute | New | Use of voluntarily ingested oral sedatives to ease | 2/1/2017 |

| | | | anesthesia induction in rodents | |
|-------------------------|--|-----|---|------------|
| Peter Hollenhorst | National Cancer Institute | New | Molecular mechanisms specific to ETS transcription factors that drive oncogenesis | 6/1/2017 |
| T Hornby | Indiana State Department Of Health | New | Task-specificity for Locomotor Recovery following SCI | 7/1/2017 |
| Shelley Johns | Indiana University Health | New | "Mindfulness to Enhance Quality of Life and Support Advance Care Planning (MEANING): A Randomized Controlled Pilot Trial for Adults with Metastatic Cancer and Their Family Caregivers" | 5/1/2017 |
| Babar Khan | National Institute On Aging | New | "Decreasing Alzheimer's Disease and Related Dementias after Delirium-Exercise and Cognitive Training (DDD-ECT)" | 5/1/2017 |
| Feng-Ming Kong | National Cancer Institute | New | Functional Image and Molecular Marker to Individualize Adaptive Radiation Dose | 6/16/2016 |
| William Kronenberger | Ohio State University | New | Psychosocial Outcomes in Deaf Children with Cochlear Implants | 3/1/2017 : |
| Zhigang Lei | Indiana State Department of Health | New | The Role of Sestrin 3- Regulated Inflammatory Pathways in Post-Traumatic Epilepsy | 7/1/2017 |

| | | | | : | : |
|----------------------|---|------------------------------------|---|-----------|---|
| Patrick Loehrer | Purdue University | New | Walther Cancer Foundation: Oncology Physical Sciences and Engineering Research Embedding Program | 7/1/2017 | (|
| Alice Mitchell | National Heart, Lung And Blood Institute | New | The contribution of contrast media exposure to acute kidney injury in patients evaluated for pulmonary embolism in the emergency care setting: a prospective, randomized trial. | 4/6/2017 | |
| David Nelson | National Institute Allergy and Infectious Diseases | Renewal (not prev committed) | Genetic analysis of mechanisms of chlamydial immune evasion | 5/1/2017 | 4 |
| Rick Nelson | National Institute On Deafness and Other Communication Diseases | New | Genetically Mediated Hair Cell Degeneration in 3D Inner Ear Organoids | 4/1/2017 | · |
| Kenneth Nephew | U.S. Department Of Defense | New | Therapeutic Targeting using Tumor Specific Peptides Inhibits long Non-Coding RNA HOTAIR Oncogenic Activity in High Grade Serous Ovarian Cancer | 5/15/2017 | 4 |
| Alexander Obukhov | Indiana State Department Of Health | New | Mechanisms of endothelial dysfunction in traumatic brain injury | 7/1/2017 | (|
| Peter Pang | National Heart, Lung and Blood Institute | New | B-lines Lung Ultrasound Guided ED Management of Acute Heart Failure | 4/17/2017 | 4 |

| | | | (BLUSHED-AHF) | | |
|--------------------|--|-----|--|-----------|---|
| Jason Parker | Wright State University | New | Alternate Tinnitus Management Techniques Developed Using Blood-Oxygen- Level-Dependent MRI with Neurofeedback | 5/1/2017 | į |
| Jamie Renbarger | Riley Children's Foundation | New | Caroline Symmes Scholar Endowment for Pediatric Cancer Research (17- A41) | 10/1/2016 | • |
| Mark Rodefeld | Mend A Heart Foundation | New | Fontan Blood Pump: Advanced Prototype Completion | 3/15/2017 | ; |
| Richard Rodgers | University Of California, San Francisco | New | Transforming Research and Clinical Knowledge in Traumatic Brain Injury | 9/1/2016 | ł |
| Zhiyong Tan | Indiana State Department Of Health | New | Role of hyperpolarization- activated cyclic nucleotide-gated channels in chronic neuropathic pain following spinal cord injury | 7/1/2017 | • |
| Sunil Tholpady | Mcmaster University | New | An International Study to Develop a Patient- Reported Outcome Instrument for Conditions Associated with a Facial Difference: FACE-Q Kids Phase II | 7/1/2016 | (|
| Claire Walczak | National Institute Of General Medical Sciences | New | Mechanisms of Mitotic Fidelity | 6/1/2017 | į |
| Robert Worth | Purdue University | New | Multimodal Hyperspectral Imaging of Brain | 5/1/2017 | 4 |

| | | | Activity and Connectivity | | |
|--------------|--|-----|---|----------|---|
| Xiao-Ming Xu | Indiana State Department Of Health | New | Targeting vascular disruption after spinal cord injury | 7/1/2017 | (|

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Faculty and Staff News

Sign up now for the IU Experts database

Are you interested in sharing your expertise with the media and general public? The IU Experts database will allow members of the media and public to more efficiently connect with subject-matter experts across the university.

The database is designed to enable all IU faculty and staff to offer their knowledge and expertise to the public, and will be particularly helpful to members of the news media who need to quickly and accurately identify IU School of Medicine experts when working on breaking news stories.

All are invited and encouraged to participate in the IU Experts database. You can do so by completing the IU Expert form. The form is brief and shouldn't take much of your time to complete. To meet the database's Aug. 1 launch deadline, forms should be submitted by Friday, June 30.

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Student News

Allen announces fall office hours

Beginning Wednesday, Aug. 9, Bradley Allen, MD, PhD, senior associate dean for medical student education, will offer regular office hours for students with questions or concerns. Dr. Allen's office hours will be held in MS 166 on the IUPUI campus during the following days and times for the fall semester:

Wednesday, Aug. 9: noon-1 pm Wednesday, Aug. 16: 11 am-noon Monday, Aug. 21: 11:30 am-1 pm Wednesday, Aug. 30: 11 am – 1 pm Thursday, Sept. 21: noon-1 pm Wednesday, Oct. 25: 11 am-1 pm Wednesday, Nov. 1: noon-1 pm Thursday, Nov. 9: 11:30 am-1 pm Thursday, Nov. 30: 11:30 am-1 pm

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West Lafayette students host summer AHEC program for high schoolers

Indiana University School of Medicine-West Lafayette students teamed up with several Purdue University College of Health and Human Sciences departments to host the North Central Indiana AHEC (Area Health Education Center) summer program for high school students. Local high school students participated in hands-on activities, including a gluten lab experiment, compounding aloe vera gel lab, hearing tests, glucose tests, and simulated patient medical scenarios.

By promoting awareness of healthcare careers, AHEC works to increase representation of minority and disadvantaged students in health professions, preparing them to serve in rural or medically underserved communities. The organization also aims to increase access to educational opportunities for potential health professionals. Currently, there are 3,164 statewide AHEC alumni now practicing as health professionals, including dental hygienists, dentists, mental health professionals, optometrists, pharmacists, physicians, physician assistants and registered nurses.

"I had a great time teaching high school students what we are learning in class," said Elliot Dano, a Phase 1, Year 2 student at IU School of Medicine-West Lafayette. "I got the sense that an interest in medicine was sparked. Watching them learn also reminded me of myself at that age and how far I've come."

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Fort Wayne students support Habitat for Humanity build

Five IU School of Medicine-Fort Wayne students worked alongside members of the Fort Wayne Medical Society Alliance to construct a home for the Habitat for Humanity Women Build program. The group assembled on May 31 was one of the largest volunteer groups the Fort Wayne Habitat for Humanity chapter has ever had.

The Fort Wayne students spent most of the day placing siding on the home's exterior.

"It was a great experience, and we learned so much," said Alexandra Johnson, a second-year student at the Fort Wayne campus. "I never realized how much planning goes into every cut and placement for siding. We worked hard, and it was a lot of fun."

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Opportunities

Translational Cancer Biology Training Program open to predoctoral students

Predoctoral students interested in careers in cancer research may apply for the Translational Cancer Biology Training Program (CBTP). Trainees are exposed to a broad range of cancer-related research encompassing both basic and clinical aspects of the disease. CBTP predoctoral students fulfill the requirements of their individual basic science departments and complete the cancer biology minor. CBTP trainees attend both a basic science and a clinical seminar series, co-sponsored by the IU Simon Cancer Center, and participate in the IU Simon Cancer Center's annual Cancer Research Day. Application deadline is Friday, July 7.

More details and the application are available. With questions, contact Dr. Harikrishna Nakshatri at hnakshat@iupui.edu or 317-278-2238.

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Medical device grants available

The Indiana Center for Biomedical Innovation (ICBI), in partnership with Indiana Clinical and Translational Sciences Institute, supports the development of nascent medical device technologies invented by IU clinicians by providing funds through the Medical Device Development grant program. Awardees will receive funding of up to \$50,000 and mentorship support through the ICBI Advisory Council and SPARK-Stanford partnership. Application deadline is Monday, July 31.

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Kudos

Wooden and interdisciplinary team honored with Innovation Award

Bill Wooden, MD, professor of surgery, IU School of Medicine, and an interdisciplinary team of health care professionals at IU Health Methodist and University hospitals, received the Innovation Award at the 2017 Patient Safety Summit, presented by the Indiana Patient Safety Center.

To enhance preventive health care, the team developed an innovative Preoperative Wellness Program for patients undergoing elective surgery, which includes a "red bag" of immune-boosting supplements to allow patients to better endure surgical procedures, reduce complications and experience faster recovery. A pilot test of the program resulted in reduced lengths of hospital stay, lower infection rates and fewer

readmissions. Based on its success, the program is being expanded to all 14 IU Health hospitals across the state.

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Dent and Xie awarded careers in immunology fellowship

Alexander L. Dent, PhD, professor of microbiology and immunology, and Markus M. Xie, doctoral candidate, have been selected for the American Association of Immunologists (AAI) Careers in Immunology Fellowship. The fellowship aims to support the career development of both AAI regular and trainee members by providing the awarded principal investigator with one year of salary support for a predoctoral student or postdoctoral fellow in his/her lab.

As a recipient of this award, Xie will receive salary support from AAI to conduct research on follicular help T cells under the direction of Dr. Dent. The research aims to provide cellular and molecular insights to the development of novel immunotherapeutics.

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Medical Student Education facilitates university staff development conference

IU School of Medicine Medical Student Education staff led the development, organization and successful delivery of the IUPUI Staff Council's third annual staff development and mini conference, Star Staff: The Talent Awakens, on May 26. Staff members from across the university were invited, and more than a third of the 200 attendees were IU School of Medicine staff.

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Around Campus

Fort Wayne: IU, Purdue trustees approve campus realignment

The boards of trustees of Indiana University and Purdue University have approved agreements to implement the realignment of the Indiana University-Purdue University Fort Wayne campus. Under the realigned structure, IU will operate and manage the health sciences programs on the Fort Wayne campus, which will be named Indiana University Fort Wayne. Purdue will have authority and responsibility for managing and operating the majority of the Fort Wayne campus, to be named Purdue University Fort Wayne. For more, read the full article at news.iu.edu.

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Bloomington: IU School of Public Health names new dean

David B. Allison, a renowned scientist and researcher, will join Indiana University on Aug. 15 as dean of the IU School of Public Health-Bloomington. The appointment was approved earlier this month by the IU Board of Trustees at its meeting in South Bend.

Allison, former associate dean for research and science in the School of Health Professions at the University of Alabama at Birmingham, is an elected fellow of the National Academy of Medicine. One of the most prestigious medical societies in the world, the academy serves alongside the National Academy of Sciences and the National Academy of Engineering as adviser to the nation and the international community.

For more, visit news.iu.edu.

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Partner News

IU Health selects Moffatt-Bruce to lead adult academic health center

Susan Moffatt-Bruce, MD, PhD, MBA, FACS, has been named president of the IU Health adult academic health center (AAHC). Currently professor of surgery and biomedical informatics and chief quality, patient safety and experience officer at the Ohio State University Wexner Medical Center, Dr. Moffat-Bruce will join the health system on Sept. 1.

In a message announcing Dr. Moffat-Bruce's appointment, Al Gatmaitan, DSc, FACHE, executive vice president and chief operating officer, wrote, "Guided by our strategy, we are committed to manage the health of populations and fully leverage our mission for excellence in education, research and clinical care. And with our elite partner, the IU School of Medicine, we are enhancing our status as the place for providing care for patients with complex illnesses, while serving as a national destination referral center for several specialty and subspecialty areas."

At IU Health, Dr. Moffat-Bruce's priorities will include continuing to develop the AAHC as a destination medical center, drawing patients from outside IU Health's market area. She also will lead the strategic facilities planning for the proposed new AAHC.

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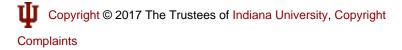
Eskenazi Health hosts June 24 insurance enrollment event

On Saturday, June 24, the Sidney & Lois Eskenazi Hospital and Eskenazi Health

campus will host a special opportunity for eligible central Indiana residents to access various health insurance opportunities. Enroll Indianapolis Day at Eskenazi Health will allow the public to learn about options offered through the Affordable Care Act, Healthy Indiana Plan-HIP 2.0 and to sign up for one of the marketplace insurance plans. The event will run from 8 am-5 pm at the Sidney & Lois Eskenazi Hospital, 720 Eskenazi Ave. Free parking is available in the Eskenazi Health Parking Garage.

For more information, call 855-202-1053.

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