INScope-2017-09-14: : Issues: InScope: Indiana University



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

MENU **V**

September 14, 2017



Department of Emergency Medicine trains physicians for disaster-based care



Nearly 1,000 users getting information and resources from IUSM Mobile app

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Research News

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Events

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IU Simon Cancer Center Grand Rounds

9/18/2017

Pulmonary Research Conference, Rebecca S. Pettit, PharmD, MBA, BCPS, BCPPS

9/19/2017

Medical Humanities Seminar Series

View more events »

Top News

Mental health support available for students, residents, fellows

Promoting good mental health among learners is an important priority for IU School of Medicine. The school offers a variety of mental health services, free of charge, to students, residents and fellows. This support is crucial, as physicians have higher rates of burnout, depressive symptoms and suicide risk than the general population. Other facts:

An estimated 300-400 physicians die by suicide each year in the U.S.

The suicide rate among male physicians is 1.41 times higher than the general male population.

The suicide rate among female physicians is 2.27 times higher than the general female population.

In recognition of Suicide Prevention Week, learn more about IU School of Medicine's mental health services.

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Have news to share? Here's how to submit the info

The IU School of Medicine Office of Strategic Communications wants to know about news related to your research, teaching and clinical care. Completing the online News Submission Form will help the communications team best direct your news. A team member will be in touch within three working days of your submission. Questions? Email: iusmnews@iu.edu.

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Flu shots now available; deadline is Nov. 9

Faculty, staff, house staff and students are encouraged to get their free flu vaccination for the 2017-18 flu season now to avoid longer lines leading up to the Thursday, Nov. 9, deadline. Flu shots are now available at IUPUI Campus Health (Coleman Hall, Suite 100; no appointment required) or during the following flu vaccination outreach clinics:

Tuesday, Oct. 3, 8 am-1 pm: Medical Sciences Atrium (south end) Wednesday, Oct. 4, 9-10:30 am: Emerson Hall, Room 122 Wednesday, Oct. 11, 8:30-9 am: Glick Eye Center, Main Conference Room Wednesday, Oct. 18, 1-3 pm: Neurosciences Center, Room 1353A Wednesday, Nov. 1, noon-3 pm: HITS Lobby

Students (only) also may obtain a flu shot at Campus Center Student Health. As a reminder, all IU School of Medicine faculty, staff, house staff and students who provide clinical care to IU Health or Eskenazi Health patients, perform clinical research at IU Health or Eskenazi Hospital or whose primary office is in an IU Health or Eskenazi hospital are required to receive a flu vaccination this flu season.

Individuals requesting a waiver due to an evidence-based medical contraindication must submit a flu vaccine medical exemption by Tuesday, Oct. 31. House staff and students who receive flu vaccination from IU Health, a personal physician or other location must submit their flu shot consent form to IUPUI Campus Health at healthsv@iupui.edu.

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Research News

August research awards total over \$16M

Investigator	Sponsor	Туре	Project Title	Begin Date
William E. Bennett	National Institute Of Diabetes, Digestive & Kidney	New	Automated Youth-To- Adult Transition Planning Using Health Information Technology	8/1/2017
Mark P. Cain	Riley Children's Foundation	Renewal (not prev committed)	Pediatric Urology Clinical Research Support	7/1/2017
Richard L. Carpenter	National Cancer Institute	New	Functional interactions between AKT and HSF-1 in breast cancer progression	8/16/2017
D. Wade Clapp	Riley Children's Foundation	New	Research Scholars, Department of Pediatrics	7/1/2017
Ann H. Cottingham	Indiana University Health	New	Addressing the Spiritual Needs of Patients with Neurodegenerative Disease and their Caregivers to Improve Patient and Caregiver Biopsychosocial- Spiritual Health and Patient Care at IU Health	7/1/2017
Stephanie D. Davis	Riley Children's Foundation	Renewal (not prev committed)	Mary Agnus Kennedy Chair	1/1/1995
Zeruesenay Desta	National Institute Of General Medical Sciences	New	Mechanisms Underlying Stereoselective Bupropion Metabolism and Complex Drug Interactions.	8/1/2017
Zheng-Ming Ding	National Institute On Drug Abuse	New	Role of Cotinine in Nicotine Use Disorders	9/1/2017
Molly Duman Scheel	National Institute Allergy & Infectious Diseases	New	Development of Yeast Interfering RNA Larvicides Targeting Aedes aegypti	7/21/2017
Gary L. Dunnington	Riley Children's Foundation	New	#80-A5 Lafayette Page Professor Grant Funding	7/1/2017

Leslie Anne Enane	Thrasher Research Fund	New	Engaging Adolescents to Strengthen Retention in HIV Care in Eldoret, Kenya	7/1/2017	
Erica A. Eugster	Riley Children's Foundation	Renewal (not prev committed)	Edwin Letzter Chair of Pediatrics - Endocrinology and Diabetes	7/1/2017	
Carmella Evans- Molina	Jdrf	New	Biomarkers of Beta Cell Stress and Death in Type 1 Diabetes	9/1/2017	
Robert J. Fallon	Riley Children's Foundation	Renewal (not prev committed)	Pediatric Cancer Research and Programs: Klingler Cancer Endowment Fund	7/1/2017	
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 (CSCPDPC-CDMC)	9/1/2016	
Tatiana M. Foroud	Michael J. Fox Foundation For Parkinsons Research	Renewal (not prev committed)	PPMI Biorepository	1/1/2017	
Tatiana M. Foroud	Michael J. Fox Foundation For Parkinsons Research	Renewal (not prev committed)	Access Data & Biospecimen Program (Centralized Repository for Biospecimen Collections)	9/1/2014	
Tatiana M. Foroud	Michael J. Fox Foundation For Parkinsons Research	New	Parkinson's Progression Markers Initiative (PPMI) Pathology Core	6/1/2017	
Mark D. Fox	Php Foundation	New	Navari Student Outreach Clinic	5/1/2017	
Rajshekhar Y. Gaji	Grace M. Showalter Trust	New	Role of a unique plant like nuclear kinase in molecular pathogenesis of Toxoplasma gondii	7/1/2017	
Ping Hu	Grace M. Showalter Trust	New	P38 MAPKs role in stress erythropoiesis	7/1/2017	

David R. Jones	Purdue University	New	Repurposing Auranofin and Ebselen for Treatment of Multidrug Resistant Pathogens	6/1/2017	5
Melissa Ann Kacena	U.S. Department of Veterans Affairs	New	Impact of TPO Treatment on Bone Healing and Angiogenesis in Type 2 Diabetes	7/1/2017	e
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Melissa Ann Kacena	U.S. Department of Veterans Affairs	New	Impact of TPO Treatment on Bone Healing and Angiogenesis in Type 2 Diabetes	7/1/2017	e
Kirsten M. Kloepfer	Riley Children's Foundation	New	Request to RCF to use RCF 2714 Pulmonology Department fund for Dr. Kirsten Kloepfer's Infant Microbiome study	7/1/2017	e
Jason Jae- Hyuk Kwon	National Cancer Institute	New	Pathophysiological role and therapeutic potential of microRNA-29 in pancreatic cancer autophagy	9/1/2017	З
Tim Lahm	American Heart Association Incorporated	New	Estrogen receptor- alpha effects on right ventricular vascular density and angiogenesis in pulmonary hypertension	7/1/2017	e
Raghu G. Mirmira	Riley Children's Foundation	New	Wells General Fund	7/1/2017	6
Raghu G. Mirmira	Riley Children's Foundation	Renewal (not prev committed)	Madison Anderson Cardiology Research Endowment	7/1/2016	6
Raghu G. Mirmira	Riley Children's Foundation	New	Bridge Funding 2018	7/1/2017	6
Bruce A.	National	Renewal	Center for Advanced	8/4/2017	6

Molitoris	Institute Of Diabetes, Digestive & Kidney	(not prev committed)	Renal Microscopic Analysis.		
Bruce A. Molitoris	National Institute Of Diabetes, Digestive & Kidney	Renewal (not prev committed)	Proximal Tubule Albumin Transport in Disease States.	8/1/2017	5
Jean P Molleston	University of Colorado Denver	Renewal (not prev committed)	Longitudinal Study of Cystic Fibrosis Liver Disease	1/1/2017	1
Emily L. Mueller	Indiana University Health	New	Urgent Care Planning for Children with Cancer and Their Caregivers: The Children?s Oncology Planning for Emergencies (COPE) Technology Tool	7/1/2017	e
Paul Musey	Indiana University Health	New	A PITCH-ED Project: Expedited Outpatient Management of Anxiety-Associated Non-Cardiac Chest Pain Identified in the Emergency Department	7/1/2017	e
Grzegorz Nalepa	National Heart, Lung and Blood Institute	New	Mitotic failure in Fanconi anemia: mechanisms and role in carcinogenesis	8/1/2017	5
Kathleen M. O'Neil	Riley Children's Foundation	Renewal (not prev committed)	Suzanne L. Bowyer, MD Endowment Fund for Pediatric Rheumatology	7/1/2017	6
Mary A. Ott	The Robert Wood Johnson Foundation	New	Applying Developmental Neuroscience to Incarcerated Adolescents (AD-In)	9/1/2017	8
Peter S. Pang	Agency For Healthcare Research and Quality	New	Using Short Stay Units (SSU) Instead of Routine Admission to Improve Patient Centered Health Outcomes for Acute Heart Failure (AHF) Patients.	8/1/2017	5
Peter S.	American Heart	New	Lung Ultrasound	1/1/2018	6

Pang	Association Incorporated		Driven Strategy-of- Care To Treat Pulmonary Congestion in Patients with AHF		
Peter S. Pang	American Heart Association Incorporated	New	Lung Ultrasound Driven Strategy-of- Care To Treat Pulmonary Congestion in Patients with AHF	1/1/2017	1
David Alan Plager	Riley Children's Foundation	Renewal (not prev committed)	Pediatric Ophthalmology Research	7/1/2017	6
Clement L. Ren	Cystic Fibrosis Foundation	Renewal (not prev committed)	IN-182/182 - Riley Hospital for Children Indiana University Medical Center (Ren, Clement L.)	7/1/2017	6
Jamie L. Renbarger	Riley Children's Foundation	Renewal (not prev committed)	Zachary E Klinger Chair of Pediatrics- Hematology/Oncology	7/1/2017	6
Jamie L. Renbarger	Riley Children's Foundation	Renewal (not prev committed)	Caroline Symmes Scholar Endowment for Pediatric Cancer Research (17-A41)	7/1/2017	6
Frederick J. Rescorla	Riley Children's Foundation	New	#94-A6 Chairman of Surgery Grant Funding	7/1/2017	6
Frederick J. Rescorla	Riley Children's Foundation	Renewal (not prev committed)	Dr. Earl B. Herr, Jr. Chair in Pedatric Cancer Research	7/1/2017	6
Frederick J. Rescorla	Riley Children's Foundation	New	#18-A28 Pediatric Surgery Support	7/1/2017	6
Alexander G. Robling	National Institute Arthritis Musculoskeletal Skin	New	Accessory Membrane and Intracellular Mediators in Bone Cell Mechanotransduction	8/20/2017	8
Safi Shahda	Indiana University Health	New	The Effect of Cancer Cachexia on Pharmacokinetics and Toxicity in Patients with Pancreatic Cancer Receiving Chemotherapy	7/1/2017	ε
Anna Maria V Storniolo	The Breast Cancer	New	Molecular profiles of breast tissue from	10/1/2017	ç

	Research Foundation		women at high risk of breast cancer		
Fletcher A. White	Indiana State Department Of Health	New	Control of post- concussion symptology in an animal model of repeated traumatic brain injury using electroacupuncture	7/15/2017	6
Sarah Elizabeth Wiehe	Pacific Institute For Research And Evaluation	Renewal (not prev committed)	Changing Environmental Influences on Adolescent Alcohol Use and Risk Behaviors	7/1/2017	6
Bryan K. Yamamoto	National Institute On Drug Abuse	New	Methamphetamine- Alcohol Interactions and Mechanisms of Augmented Toxicity to Brain and Peripheral Organs	8/1/2017	5
Wenjun Zhang	Grace M. Showalter Trust	New	Periostin function in liver fibrosis	7/1/2017	6
Gregory D. Zimet	Boston College	New	Using Mobile Application Strategies to Increase HPV Vaccination Rates among YMSM	2/1/2017	1

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IU School of Medicine researchers identify promising treatment for people suffering from post-TBI aggression

A drug originally developed in the 1960s as an antiviral medication is showing promise as a treatment option for people who suffer from increased feelings of aggression following traumatic brain injury (TBI), IU School of Medicine researchers have reported.

Aggression and anger are among the most common emotional and behavioral symptoms experienced by traumatic brain injury patients--often resulting in poorer rehabilitation outcomes and negatively affecting patients' relationships with family and friends and their ability to live at home and maintain steady employment.

The team of researchers, led by Flora Hammond, MD, chair of the IU School of Medicine Department of Physical Medicine and Rehabilitation, and Covalt Professor of Physical Medicine & Rehabilitation, found that in multiple studies of patients with chronic traumatic brain injury and moderate-severe aggression, taking 100 milligrams of the drug Amantadine twice daily appeared to be beneficial in decreasing aggression, from the perspective of the patients. Their findings were published in the newest issue of the Journal of Head Trauma Rehabilitation, for which IU School of Medicine Associate Professor Dawn M. Neumann, PhD, served as topical issue editor focusing on treatment for emotional issues after traumatic brain injury.

For more on this new treatment option, read the full news release in the IU School of Medicine Newsroom.

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Many ICU survivors depressed: Study finds young people and African Americans at highest risk

Intensive care unit (ICU) survivors, growing in number as clinicians and medical technology save more lives, are psychologically as well as medically fragile. The first study to examine antidepressant use and depressive symptoms after an ICU stay has found that even if prescribed antidepressants, a significant percentage--about a third--had symptoms of depression at the time of their initial visit to a clinic specially designed for ICU survivors. Young ICU survivors and African American ICU survivors were at the highest risk for depression.

The new study of depression risk profiles of ICU survivors, conducted by Indiana University Center for Aging Research and IU Center for Health Innovation and Implementation Science clinician-researchers, is published in the Journal of Hospital Medicine.

"Now that we have determined that in addition to being young, being African American imparts higher risk of depression for ICU survivors, the next step will be to determine the underlying reasons for this elevated risk," said study first author Sophia Wang, MD, a Center for Health Innovation and Implementation Science researcher and IU School of Medicine assistant professor of clinical psychiatry. "Why are younger ICU survivors more vulnerable to depression? What genetic and environmental factors are causing a lower likelihood of response to antidepressants in African Americans? Once we know the answers to these questions, we can begin to counter the problems and more effectively treat the depression in these ICU survivors."

For more, visit the IU School of Medicine Newsroom.

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Faculty and Staff News

Dual career consultation services can help with faculty recruitment

Dual career consultation services are available to assist partners of IU School of

Medicine faculty candidates who have received tentative job offers. One-on-one consultation is provided and can begin when candidates are interviewing with IU School of Medicine.

Other services include:

Informational interviews with prospective employers

Networking with potential employers and references to promote due consideration

Career counseling

Resume/CV and cover letter review and consultation

Access to job openings at IU School of Medicine

Mock interviews and strategies for salary negotiations

A number of department chairs have found these dual career services to be of great value in recruiting qualified faculty to IU School of Medicine. Relocation assistance, including realtor referrals and information on costs, livability, schools and neighborhoods, is also available. For more details, contact Sacha Sharp, interim dual career consultant, at sachshar@iu.edu.

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Lu named Vera Bradley Foundation Chair in Breast Cancer Innovation

Xiongbin Lu, PhD, has been named the first holder of the Vera Bradley Foundation Chair in Breast Cancer Innovation. In addition to his title as Vera Bradley Foundation Professor of Breast Cancer Innovation, Dr. Lu retains his current title of professor of medical and molecular genetics, received when he was appointed to the faculty in June.

The Vera Bradley Foundation Chair in Breast Cancer Innovation was established in 2015 by the Vera Bradley Foundation for Breast Cancer, Inc. The Foundation, located in Fort Wayne, Indiana, was created by Barbara Baekgaard and Patricia Miller, owners of handbag/luggage manufacturer Vera Bradley Designs, to endow a breast cancer researcher.

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Postdoc symposium is Oct. 6

The 2017 IU School of Medicine Postdoc Symposium will be held from noon-5 pm, Friday, Oct. 6, on the IU School of Medicine Indianapolis campus. All faculty, postdocs, students and staff are invited to attend this free symposium organized by the IU School of Medicine Postdoctoral Association.

Registration is available. Questions? Contact Andrea Frump at anfrump@iu.edu or Victoria Jideonwo-Auman at vijideonw@iupui.edu.

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Neal receives ACP Laureate Award

J. Matthew Neal, MD, assistant dean for educational affairs and faculty development, and professor of clinical medicine, IU School of Medicine-Muncie, has been named the 2017 recipient of the American College of Physicians (ACP) Indiana Chapter Laureate Award. The Laureate Award is the most prestigious award bestowed at the state level and is presented to long-standing fellows and masters of the American College of Physicians who have rendered distinguished service to their chapters and community and have upheld the high ideals and professional standards of ACP.

Dr. Neal will receive the award at the Indiana Scientific Meeting in Indianapolis on Nov.3. The ACP is the largest medical specialty organization and the second-largest physician group in the United States, and represents internal medicine and its subspecialties.

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Opportunities

Indiana Alzheimer Disease Center research symposium is Oct. 5

The Indiana Alzheimer Disease Center 2017 Fall Research Symposium will be held from 8 am-4:30 pm, Thursday, Oct. 5, at the IU Health Neuroscience Center, Goodman Hall Auditorium, 355 West 16th St., in downtown Indianapolis. Registration is now open.

Attendees are invited to submit abstracts highlighting their research related to the symposium theme, which is Get In: Gene Environment Interaction. Up to 20 abstracts will be selected for poster presentations during the symposia=um. Email a 250-word abstract to iadc@iu.edu by Friday, Sept. 22.

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Apply for career mentoring assistant dean position by Sept. 28

Applications are now being accepted for the position of assistant dean of career

mentoring and professional development in the IU School of Medicine Office of Medical Student Education. The assistant dean will focus on assisting students with choosing a career path that aligns with their skills and interests, and ultimately matching into a residency position to meet their goals. Cultivating relationships statewide and nationally through networking with center directors, residency directors, teaching faculty and students, the assistant dean will focus on developing processes and programs to enhance the opportunities and standardize the approaches to career mentoring across all campuses and all specialties. This person will also help provide a professional development blueprint to contribute toward the leadership, service and career development portfolio of each student.

The person selected for this position must be an enthusiastic, organized and studentfocused leader. The assistant dean should have previously demonstrated excellence in medical education, with leadership experience in MSE and/or GME settings preferable. Attributes would include the ability to implement effective statewide programs, lead change and work with multiple stakeholders. This position will be part time and require a 0.4 FTE commitment.

Interested applicants should send a letter of interest and CV to Bradley Allen, MD, PhD, senior associate dean for medical school education. Application deadline is Thursday, Sept. 28.

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Deadline to apply for Transitions II positions is Sept. 22

Applicants are being sought for nine key positions in Medical Student Education (MSE) that are dedicated to establishing high-quality clinical and scientific education at IU School of Medicine.

The positions, one statewide course director and eight course site leaders, will collaborate in assisting students in the two-week Transitions II Course which will advance students' knowledge and clinical skills, but will also emphasize the professionalism, communication and systems-based practice that is needed to provide comprehensive patient care. This introduction will serve to build upon the previous foundational knowledge allowing students to effectively integrate as a member of the healthcare team as they begin their mandatory clerkship rotations.

Statewide Course Director for Transitions II

Working with campus directors and department chairs, the statewide course director is responsible for final determination of all IU School of Medicine student learning activities. By implementing competency assessments of students, assisting in LCME accreditation document preparation and recruiting faculty that are dedicated to the education of medical students, the statewide course director will provide leadership to course site leaders and students.

Course Site Leader

These eight new roles provide administrative and educational leadership of campus

delivery of a statewide course, provide assistance for students with academic difficulty in need for remediation and serve on the course management team.

Interested applicants should send a letter of interest and CV to Dr. Jennifer Schwartz, assistant dean for Medical Student Education, Phase 2. Application deadline is Friday, Sept. 22.

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Research Support Funds Grant program deadline is Oct. 1

All full-time, tenure-track faculty having appointments of assistant professor and above are eligible to apply for Research Support Funds Grants (RSFG). The RSFG program enhances the research mission of IUPUI by providing seed funding for research projects and scholarly activities that are sustainable through external funding.

Note that the deadline to apply for the RSFG program this fall has changed to Oct. 1. For eligibility, proposal requirements and application details, visit research.iupui.edu.

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Regenstrief seminar to explore qualitative comparative and coincidence analyses

The Regenstrief Institute Center for Health Services Research is hosting an intensive five-day seminar on configurational research with qualitative comparative analysis (QCA) and coincidence analysis. The first event of its kind in the U.S., the seminar will explore configurational research with two worldwide experts in the field, Professor Michael Baumgartner, University of Bergen, in Bergen, Norway, and SNSF Professor Alrik Thiem, University of Lucerne, in Lucerne, Switzerland.

Registration and more information about the seminar, which will be held Sept. 25-29, at the Regenstrief Institute, is available.

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NAS Sackler colloquia is Nov. 16-17

The National Academy of Sciences is hosting the Arthur M. Sackler Colloquia on Nov. 16-17, in Washington, DC. The third Sackler colloquia, The Science of Science Communication III: Inspiring Novel Collaborations and Building Capacity, will focus on the consensus study as a framework for advancing both research and practice in science communication. It will explore ways to build capacity for and foster the use of evidence-based strategies for engaging the public with science and its appropriate use.

For full event details, including information about a webcast, visit cvent.com.

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Kudos

Hobson-Prater completes HERS Institute and Luce Program

Tara Hobson-Prater, director of graduate programs and student success for the graduate division at IU School of Medicine, completed the 2017 Higher Education Resources Services (HERS) Institute at Bryn Mawr College, and participated in the Luce Program for Women in STEM Leadership.

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