



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

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Top News

First annual IU Day is April 12

Mark your calendar and plan to join in the celebration of the first-ever IU Day on Tuesday, April 12.

The worldwide celebration of Indiana University includes trivia, games, and special programming that will remind you about what makes IU great, including a video featuring IU School of Medicine faculty member and New York Times blogger Aaron Carroll. Dr. Carroll will bust some common medical myths: How much water do you need to drink on a daily basis? Does candy make kids hyper? Visit iuday.iu.edu on April 12 to find out.

IU Day is also a great time to support the IU School of Medicine with a gift. Special challenge funds available that day can make your gift go further. Go to give.iu.edu and search for the School of Medicine fund you wish to support.

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Standard pricing schedule for industry-sponsored Clinical Research Studies

The [Indiana University Clinical Trials Office](#) has collaborated with research leaders in various departments throughout Indiana University School of Medicine and Indiana University Health to develop a schedule of recommended fees for industry-funded clinical research studies.

The recommended fees are based on effort tracking, cost-based estimates, and past experience in amount of time and effort to complete each clinical research activity.

The standardized fee structure will assist IUSM and IU Health researchers in the development of budgets for industry-funded clinical research studies by:

- Providing a consistent starting point for budget negotiations with sponsors.
- Ensuring research teams more accurately estimate time/resources required for research activities.
- Offering a fee schedule to develop a budget based on study complexity.
- Promoting transparency of research related costs for industry sponsors.
- Facilitating budget preparation as the current version of standard fees will be available in the OnCore® CTMS Chargemaster or from the CTO.

For more information, please contact the Indiana University Clinical Trials Office at cto@iu.edu or 317-278-2546.

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Indiana Musculoskeletal Symposium announces keynote speaker

The Indiana Clinical and Translational Sciences Institute, in partnership with the Indiana University School of Medicine, will host the first annual Indiana Musculoskeletal Symposium June 1-2 in Indianapolis.

The symposium, "Repair and Regeneration of Musculoskeletal Tissues: Academia, Industry and the Battlefield," will offer a forum for investigators throughout the state of Indiana in both academia and industry to present current work that is translatable and deliverable to the critical needs of soldiers at the battlefield and for all wounded warriors with acute or chronic musculoskeletal disorders.

Paul F. Pasquina, M.D., retired Colonel, United States Army, will deliver the keynote address. Dr. Pasquina is the professor and chair of the Department of Physical Medicine & Rehabilitation at the Uniformed Services University of the Health Sciences (USUHS) and the director of the Physical Medicine & Rehabilitation Residency Training Program at the Walter Reed National Military Medical Center.

He is a graduate of the United States Military Academy at West Point and USUHS. He completed a fellowship in primary care sports medicine from USUHS and Georgetown University. His current research efforts are focused on exploring new technologies to enhance the recovery, rehabilitation, and reintegration of combat casualties, particularly those with traumatic brain injury and extremity trauma. These efforts are primarily concentrated through his positions as the director of the Center for Rehabilitation Sciences Research and co-principal investigator within the Center for Neuroscience and Regenerative Medicine.

Poster submissions are accepted until April 18. To submit a poster, [click here](#). To read the full news release, visit the [IUSM Newsroom](#). Registration is free, but required. To register for the meeting or view the full agenda, [click here](#).

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Research News

March IUSM grants and awards total more than \$5.1 million

Investigator	Sponsor	Type	Project Title	Begin Date	End Date	Awarded Dollars
Gustavo A Arrizabalaga	National Institute Allergy & Infectious Diseases	New	Dissecting the calcium dependent phosphorylation network of Toxoplasma gondii	3/1/16	2/28/17	511,761
Timothy W Corson	National Eye Institute	New	Ferrochelatase as a mediator of ocular angiogenesis	3/1/16	2/28/17	390,741
Michael T Eadon	National Institute Of Diabetes, Digestive & Kidney	New	Acute inhibition of renal gene expression to prevent nephrotoxicity.	7/1/16	6/30/17	145,955
Kathleen Eggleston	National Science Foundation	New	Collaborative Research: Standard: Comparison of Communications across Campus Cultures (4C Project): Toward Evidence-based Customization of Learning Experiences for CCE STEM	1/1/16	8/31/19	208,892
Tatiana M Foroud	Michael J Fox Foundation For Parkinsons Research	New	Parkinson's Progression Markers Initiative Wide Spread Recruitment Initiative (PPMI WRI)	12/1/15	11/30/16	813,099
Frank Gonzalez	National Institute Of Diabetes, Digestive & Kidney	New	Treating Inflammation in PCOS to Ameliorate Ovarian Dysfunction	4/1/16	2/28/17	734,614
Susan J Gunst	University Of Chicago	New	Preclinical development of myosolvins, a new class of medicine for asthma	1/1/16	6/30/16	88,631
David M Haas	National Institute Of Child Health, Human Devl.	New	Pharmacokinetics and modeling of betamethasone therapy in threatened preterm birth	3/1/16	2/28/17	461,774
Debra Hickman	U.s. Department Of Veterans Affairs	Renewal (not prev committed)	VA Contract for Vet IPA and other LARC Services	4/1/16	3/31/17	325,000

Murray Korc	Sanford-burnham Medical Research Institute	New	Rewired signaling at the enxus of melanoma metastasis and resistance	2/2/16	1/31/23	32,392
Chao-Hung Lee	National Institute Allergy & Infectious Diseases	New	Vitamin D as supplemental therapy for Pneumocystis pneumonia	3/10/16	2/28/17	234,000
David E Nelson	Yale School Of Medicine	New	Role of CD8IL-13 T cells in Chlamydia infection-associated immunopathology	8/1/15	4/30/16	22,837
Peter S Pang	Vanderbilt University	New	GWTG Interventions to Reduce Disparities in AHF Patients Discharged from the ED (GWTG:ED)	10/15/15	10/15/16	59,342
Jamie L Renbarger	Riley Children's Foundation	New	Jeff Gordon Children's Foundation Pediatric Oncology Physician Scientist Training Program (POPSTP)	7/1/15	6/30/16	300,000
S Hamid Sayar	University Of Minnesota	New	Biosensor assay to screen for signaling pathway inhibition in cancer	3/1/16	2/28/17	17,376
Changyu Shen	Agency For Healthcare Research And Quality	New	A unified method to study heterogeneity in treatment effect	4/1/16	1/31/17	241,120
Gregory M. Sokol	Duke University	New	A Phase II Multi-site Study of Autologous Cord Blood Cells for Hypoxic Ischemic Encephalopathy (HIE)	3/3/16	6/30/18	69,000
Dan F Spandau	Wright State University	New	Wounding therapy and photocarcinogenesis	2/15/16	4/30/16	103,403
Farooq Syed	Jdrf	New	Biomarkers of beta cell stress and death	5/1/16	4/30/17	50,056
Steven P Templeton	National Institute Allergy & Infectious Diseases	New	Eosinophil activation in pulmonary aspergillosis	3/1/16	2/28/17	72,020
Charles R Tessier	National Institute Of Mental	New	Transition metal homeostasis in a model of Fragile X Syndrome	3/15/16	2/28/17	78,000

	Health					
Stephanie Ware	March Of Dimes Birth Defects Foundation	New	Gene Discovery and Translational Research #6-FY13-167	1/1/15	5/31/17	173,108

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Student News

IUSM student poster on women's health issue wins first place

Dana Jones, a third-year medical student at Indiana University School of Medicine – Northwest, has been recognized for her work in women's health research, earning a first place prize for her poster presentation, titled "Pregnancy and an Expanding Right Breast Mass" from the [American Medical Women's Association \(AMWA\)](#).

Jones, a native of Gary, graduated from IU Bloomington, studied in Indianapolis and ultimately returned to her hometown to earn her medical degree and hopes to one day practice in her local communities.

It was through her rotation with Anthony Gentile, M.D., an obstetrician/gynecologist in Munster, that Jones discovered a love for women's health and a fascination with the pregnancy process.

"My desire to do procedures and empower women collided. I wanted to attend the 101st anniversary meeting of AMWA, an organization comprised of health professionals who are dedicated to advancing women in medicine and woman's health," Jones said. "There was an opportunity to submit a report for a poster presentation and eligibility for Young Women in Science Awards. So I sought out an interesting clinical case that highlights how fascinating I find OB/GYN to be."

Jones was privileged to work under Kandice Ludwig, M.D., an assistant professor of surgery at IU School of Medicine in Indianapolis, who helped her through the process. She also had the support and encouragement from the administrative staff from the IU Northwest Campus.

Jones' poster is about a young pregnant female with a lactating adenoma, a benign mass that can occur during pregnancy from hormonal influence and can grow to a substantial size. Mammogram and ultrasound are less reliable during pregnancy. Therefore, it was biopsied and ultimately removed.

"Words can't describe the joy and honor I experienced when my name was called for first place prize," Jones said. "I believe that winning first place was confirmation from others that I am on the right track."

Jones said she is passionate about inspiring young people to explore their dreams in medicine. "I want to encourage everyone to let your determination and passion guide you to pursue your dreams no matter the obstacles."

Read more about Dana Jones and her pursuit of medicine [here](#).

[Article reprinted with permission from the [IU-Northwest Newsroom](#)]

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Four IUSM students recognized among IUPUI's Elite 50

Congratulations to the following IUSM students for being recognized in IUPUI's **Elite 50** this year:

- Raquel Zemtsov
- Rikki Enzor
- Tirajeh Saadatzadeh
- Tyler Heavin

The purpose of the Elite 50 is to recognize and reward achievement outside the classroom among 8,100 graduate and professional students. The Elite 50 represent the top one-half of one percent of the graduate and professional student body at IUPUI. Since awards for academic accomplishments already exist, the Elite 50 mainly focuses on achievements outside of the classroom.

The Graduate and Professional Student Government (GPSG) will host the 2nd Annual Elite 50 Celebration Dinner on Wednesday, April 13, from 6 to 8 pm in Campus Center Room 450.

To learn more about the Elite 50 award or to purchase tickets for the dinner, [click here](#).

To see all 2016 Elite 50 winners,  [view the flyer](#).

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IUSM-FW students organize fundraiser, physician showcase

MS1 students Jessica Wehr and Katherine Scheidler recently organized a fundraiser for the **Clinica de Madre de Dios in Fort Wayne**, a free clinic that services low-income residents in the Fort Wayne area. Qdoba restaurants gave 20 percent of the sales on Wednesday, March 30, to the clinic. Many students, faculty, and staff participated in this fundraiser.

MS2 students Carina Zahdeh and Srikanth Dasari organized the annual Physician Specialty Showcase on March 30. Physicians from several different specialties enjoyed dinner and conversations with students about their careers.

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Opportunities

Indiana Musculoskeletal Symposium poster abstracts due April 18

On June 1-2, the Indiana CTSI and IU School of Medicine will host the inaugural Indiana Musculoskeletal

Symposium at Hine Hall on the IUPUI campus with **keynote speaker Paul F. Pasquina**, M.D., Colonel, U.S. Army. Poster submissions are being accepted now through Monday, April 18.

The symposium, "Repair and Regeneration of Musculoskeletal Tissues: Academia, Industry, and the Battlefield," will offer a forum for investigators throughout the state of Indiana in both academia and industry to present current work that is translatable and deliverable to the critical needs of soldiers at the battlefield and for all wounded warriors with acute or chronic musculoskeletal disorders.

To submit a poster, [click here](#). Registration is free, but required. To view the meeting agenda and register to attend, [click here](#).

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NIH seeks images resulting from NIH-funding research

The National Institutes of Health is seeking images from the extramural community that highlight scientific research made possible by NIH funding.

The agency will be posting the images to the [NIH Image Gallery on Flickr](#) in the [Funded Research](#) album. The NIH makes the images free to use as long as credit is given. The NIH Image Gallery is a resource for news media, educational institutions, and the general public. The gallery averages 5,000 views per day. Through the sharing of images, NIH hopes to distribute educational information, increase public outreach, and expand awareness of the important work being done by NIH-funded researchers. Images and accompanying information, such as title, credit information, and more, must be submitted by May 16.

Details and submission requirements [are available here](#).

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IUSM internal grant applications due May 2

The application deadline for the following IUSM internal grant programs is **5 pm, Monday, May 2, 2016**.

- Biomedical Research Grant
- Research Enhancement Grant

For application forms and further information, [click here](#).

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Funding for hematology programs available

The IU Cooperative Center of Excellence in Hematology (CCEH) announces the availability of funding through the center's pilot and feasibility program. Applications should focus on the molecular and cellular biology of normal (non-malignant) murine and human hematopoietic stem and progenitor cell regulation, and the hematopoietic parameters impacting the efficient use of these cells in transplantation such as homing, cell cycle regulation, and the status of the hematopoietic niche.

IU faculty at all campuses with the rank of assistant or associate professor or an equivalent research rank are

eligible. Funding is for a maximum of \$15,000 for supplies and fees. Application deadline is 5 pm, Friday, May 6. View this flyer for more information and submission details. For more information, contact April Maines at amaines@iupui.edu.


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Spring application deadlines for IUSCC Hester and Wright scholarships


Two scholarships are available from the Indiana University Melvin and Bren Simon Cancer Center with application deadlines in April and May.

The **IUSCC William J. Wright Scholarship Fund** rewards third- and fourth-year medical students who are strong academically and desire to pursue a career caring for cancer patients. Successful applicants will also have displayed strong humanitarian qualities throughout their medical careers.

The expectation for this award is that the student will devote at least two months of the academic year to a project furthering the care of patients with cancer, including a formal basic, translational, or clinical science research project, quality improvement project, health outcome research, or cancer awareness program. Awardees must attend Cancer Research Day on Thursday, May 12.

Application deadline is Friday, April 15. Submission guidelines and application are  [available here](#). Students with research grants already supporting their education are not eligible.

The **IUSCC Marilyn Hester Scholarship Fund** was created to assist medical and/or doctoral students pursuing degrees in biomedical sciences who have demonstrated an interest in and potential for conducting pediatric hematology or pediatric oncology research. Applicants must not have received any other type of scholarship or grant for the upcoming academic year.

Funding is up to \$8,000 a year with the number of awardees determined by the quality of applications and available funds in a given year.  [Submission guidelines and application](#) are available now. Application deadline is Friday, May 6.

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Big data training for translational omics research

Purdue University is pleased to announce the first Annual NIH-funded workshop, “Big data training for translational omics research” in West Lafayette, July 11 – 22. The two-week workshop will focus on providing biomedical researchers inexperienced in biomedical big data science with entry level training in big data science. The format of the workshop includes a series of problem-based activities to build familiarity and basic competency with established tools and publically available resources. These activities will be complemented by formal lectures on various topics important for big data science. The course is open to faculty, postdoctoral researchers, and graduate students. The costs of tuition, room, and board are covered for accepted applicants.

For additional information and the online application please visit <http://www.stat.purdue.edu/bigtap/index.html>.

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Around Campus

West Lafayette – HEART mental health event is April 23

The Health Education and Empowerment Advocacy Resource Team (HEART) will pair with a local West Lafayette elementary school to offer mental health support for students in first through fourth grade who have learning and/or mental disabilities.


HEART is a Service-Learning initiative dedicated to providing medical students at the IUSM-West Lafayette campus with diverse student-led opportunities rooted in community outreach, patient education and interaction, and general advocacy for health and wellness in the Greater Lafayette community. The goal is to improve the health and well-being of disadvantaged and marginalized populations in the Greater Lafayette area by increasing health care access through clinic work and health fairs, promoting wellness through education about nutrition, exercise, and mental health, and also improving the socioeconomic factors that influence health care access and patient adherence.

Working with an established after-school program that deals with kids who have learning disabilities and mental disabilities, this event will provide another voice of support. HEART has paired with a child psychiatrist in Lafayette to provide guidance and support. Activities will help children understand the various concepts of mental health. An example of an activity will be to use Coke products and Mentos to demonstrate various degrees of anger.

To learn more about HEART's upcoming events, email Ayden Zarkhah at azarkhah@iupui.edu or Mirzoy, Silai at smirzoy@iupui.edu.

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Indy – Spinal cord and brain injury conference is April 15

Plan to attend the Indiana Spinal Cord and Brain Injury Research Conference from 8 am to 1:30 pm, Friday, April 15, at the IU Health Neuroscience Center, 355 W. 16th St., in Indianapolis. Keynote speaker is Alison Cernich, Ph.D., ABPP-Cn, from the National Center for Medical Rehabilitation Research, National Institutes of Health. For more information,  [view this flyer](#).


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Indy – Free skin cancer screenings

The [American Academy of Dermatology](#) (AAD) has designated each May as Melanoma/Skin Cancer Detection and Prevention Month. May 2 is Melanoma Monday.

The [IU School of Medicine Department of Dermatology](#), in cooperation with the AAD, will sponsor a free skin cancer screening on Monday, May 2, from 7 to 9 am at University Hospital, Eskenazi Dermatology Clinic, and Coleman Hall. Appointments are required. To schedule a free skin cancer screening, please call 317-916-3525 .

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