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Top News

IUSM-Evansville groundbreaking ceremony for new medical facility Oct. 23

After receiving final approval from the Indiana University Board of Trustees in August 2015, the groundbreaking ceremony for downtown Evansville's new medical center will take place Friday, Oct. 23.

The campus is a partnership among the IU School of Medicine, University of Southern Indiana and University of Evansville. The proposed downtown site covers almost six square blocks. The IU Board of Trustees also approved the medical campus's building designs in a legislative meeting in August. The site's boundaries include Locust, Cherry, Southeast Fourth and Southeast Sixth streets. The building will feature classrooms, an amphitheater and a simulation center.

The project is planned be 149,000 square feet, with the IU portion to be about 87,000 square feet. The medical school's completion date is tentatively set for December 2017, according to the design summary.

To read more about this project, or view renderings of the facility, visit the [Evansville Courier Press](#) website.

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Addo selected as AMA Foundation Physicians of Tomorrow award recipient

IUSM student Jennifer Addo was recently selected as an American Medical Association Foundation Physicians of Tomorrow Award recipient. The Physicians of Tomorrow Awards were created in 2004 to provide financial assistance to medical students.

Addo is pursuing a master's in public health at the Harvard T. H. Chan School of Public Health, while also completing her medical degree. While at the Indiana University School of Medicine, she was awarded the IUSM-Northwest Professionalism Award given to a student who represents the medical school with exemplary professional skills.

Addo has worked as an instructor in the gross anatomy laboratory for paramedics and faculty in continuing medical education sessions. Internationally, she completed a study abroad program in Ghana, performing an observational study on hypertension in pregnancy. In El Salvador she created an Institutional Review Board to look for ways to improve health outcomes, focusing on women's health and maternal care. Addo has a bachelor's degree in brain, behavior and cognitive science from the University of Michigan.

Read more about Addo's medical school journey and her decision to study at the Harvard T.H. Chan School of Public Health at the [IUSM-Northwest Newsroom](#).

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IUSM-Terre Haute and IU School of Optometry students lead eye health day

Students from IU School of Medicine-Terre Haute recently partnered with students from the IU School of Optometry to host the first annual Eye Health Day at the Mollie R. Wheat Memorial Clinic.

The Mollie R. Wheat Memorial Clinic is a free, student-run health and wellness clinic that provides interdisciplinary services to Terre Haute and its surrounding communities. To facilitate Eye Health Day, medical students, optometry students, and health administration and dietetic students from the Allied Health Sciences Department at Indiana State University collaborated under the direction of two licensed optometrists Douglas Morrow, O.D., and Kayla Black, O.D.

"This was a fun event. I enjoy volunteering at community events like this. It was also a special educational opportunity for students," Dr. Morrow said. "Optometrists and physicians regularly partner to manage patients' eye care, and I think it's important for students of both professions to start building relationships now. The Mollie R. Wheat Memorial Clinic provides an opportunity to do just that. It was a pleasure being a part of their Eye Health Day."

For Eye Health Day, medical students and optometry students worked in teams to provide free diabetic eye exams, glaucoma testing, visual field testing, hypertensive eye exams and vision screens. Frames for glasses were available on site to those who qualified. In total, 28 patients were provided free eye health services. The Eye Health Day was followed by a presentation commenting on the importance of annual diabetic eye exams, eye health and the interdisciplinary collaboration between optometrists and physicians.

Since its opening in August 2014, the Mollie R. Wheat Memorial Clinic's mission has been to educate and to prepare future rural healthcare workers by enriching and caring for the community's underserved populations in an interprofessional environment. The clinic has consistently provided care to local Wabash

Valley residents suffering from an inadequate access to health care and lack of health insurance. To bridge this gap, insurance navigation is made available on site to all patients looking to secure health insurance.

For more information about clinic hours and services or to schedule an appointment, please [visit the official website](#) or email mwmc@iupui.edu.

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Research News

IU researchers find pathway to cancer-associated muscle weakness

Cancer researchers at Indiana University and their colleagues have discovered how cancer-induced bone destruction causes skeletal muscle weakness.

Led by Theresa Guise, M.D., the Jerry and Peggy Throgmartin Professor of Oncology at the IU School of Medicine and a researcher at the [Indiana University Melvin and Bren Simon Cancer Center](#), the investigators have identified the molecular pathways that lead to cancer-associated muscle weakness. They found that inhibiting TGF- β , a growth factor released from bone during cancer-induced bone destruction, improved muscle function in mouse models of human cancers.

Co-authors of the study included David Waning, Ph.D., Khalid Mohammad, M.D., Ph.D., and David Roodman, M.D., all of IU School of Medicine, and Andrew R. Marks, M.D., of Columbia University. Their research was published online Monday in [Nature Medicine](#).

For the study, Dr. Guise, who is also a [Komen Scholar](#), pointed out that the same mechanisms cause muscle weakness in many different tumor types in which cancer grows in bone. Dr. Guise and her colleagues studied breast cancer, prostate cancer, lung cancer and multiple myeloma — all cancers that typically spread to bone. Four different molecular checkpoints were identified and were successfully targeted by four different drugs, improving muscle function. In addition, the findings were confirmed in human muscle samples from patients with cancer in bone.

Read more about this research on the [IUSM Newsroom](#).

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Biomarker predicting transplant complications may be key to treating them

A protein that can be used to predict if a stem cell transplant patient will suffer severe complications may also be the key to preventing those complications, an international research team based at the Indiana University School of Medicine reported Wednesday.

In the study, reported in the journal [Science Translational Medicine](#), researchers said that blocking the activity of the protein called ST2 offers a potential new treatment for graft-versus-host-disease, an immune problem that affects many transplant recipients.

Although transplant specialists have been able to reduce its impact, graft-versus-host disease remains a leading cause of death among patients who receive a stem cell transplant from another person, known as an allogeneic transplant. Such transplants are used to treat blood and bone marrow cancers such as leukemia,

lymphoma and multiple myeloma, often as a last resort. Graft-versus-host disease occurs when immune cells from the transplant see the patient's body as foreign and attack it.

In previous research, Sophie Paczesny, M.D., Ph.D., professor of pediatrics and of microbiology and immunology, and colleagues reported that patients with a high level of ST2 were more than twice as likely to have graft-versus-host disease that resisted standard treatment with steroids; and nearly four times as likely to die within six months of the transplant.

In the new research, Paczesny and colleagues determined that the version, or isoform, of ST2 associated with graft-versus-host disease is produced at high levels in the intestines, where much of the damage from the disease occurs.

Read the full story on the [IUSM Newsroom](#).

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Regenstrief tEMR gives med students real world experience in patient care

With the goal of transforming medical education to include real world electronic medical record experience, clinician-informaticians from the Regenstrief Institute and the Indiana University School of Medicine have developed the Regenstrief tEMR.

Regenstrief tEMR, short for Regenstrief teaching electronic medical record system, is built upon the Regenstrief's Institute's expertise in biomedical informatics and is a specially developed version of the electronic medical record system used at Eskenazi Health. The institute is known for the development of the Regenstrief Medical Record System, the longest continually operational electronic medical record system in the world.

The Regenstrief tEMR contains the records of 10,000 patients of all ages whose records have been scrubbed so they cannot be identified. All patient records are given false names and identifying information is purposely scrambled. Because it contains actual, although anonymized and continuously updated patient data, the Regenstrief tEMR provides a real world environment where students can learn to handle real healthcare situations. Students learn to virtually “care” for patients with multiple, complex problems.

Read more about this development at the [IUSM Newsroom](#).

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Faculty and Staff News

CORRECTED: Jones and Zellars named to endowed chairs

Kathryn J. Jones, Ph.D., has been recommended to become the first holder of the Vincent H. Gattone II Chair in Anatomy & Cell Biology with the title of Vincent H. Gattone II Professor of Anatomy & Cell Biology, pending the president's approval. Dr. Jones is currently chair, Department of Anatomy & Cell Biology, and also holds the titles of joint professor of neurological surgery and professor of otolaryngology-head & neck surgery.

Richard C. Zellars, M.D., has been recommended to become the fourth holder of the William A. Mitchell Chair

in Radiation Oncology with the title of William A. Mitchell Professor of Radiation Oncology, pending the President's approval. Dr. Zellars is currently chair, Department of Radiation Oncology.

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Djuricich to join the Massachusetts Medical Society as education editor

Alex Djuricich, M.D., will join the Massachusetts Medical Society as education editor, New England Journal of Medicine Group, starting in January 2016.

As education editor, Dr. Djuricich will report directly to NEJM group Editor-in-Chief Jeff Drazen, M.D. He will join the K+ team in maintaining and growing the NEJM Knowledge+ family of products. In addition, Djuricich will play a critical role in establishing the NEJM Group as a respected and valued participant in the national discourse on how to build the most effective and efficient clinical education programs.

For the past 14 years, Dr. Djuricich has been with IU School of Medicine where he is currently associate professor of clinical medicine and clinical pediatrics, associate dean for continuing medical education, and program director for the med-peds residency. He is currently the vice president for the Society of Academic Continuing Medical Education.

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Partner News

Callahan named interim president and CEO of Regenstrief Institute

Chris Callahan, M.D., Regenstrief investigator and director of the Indiana University Center for Aging Research, has been appointed interim president and CEO of the Regenstrief Institute.

Dr. Callahan will continue in his current roles as professor of medicine and Cornelius and Yvonne Pettinga Scholar in Aging Research at the IU School of Medicine when he assumes the interim position Dec. 1.

Dr. Callahan, who has served as a Regenstrief investigator since 1991, will take on the interim role during the search for a successor to William Tierney, M.D., who is leaving Regenstrief to become the inaugural chair of the Department of Population Health at the newly established Dell Medical School at the University of Texas, Austin.

Dr. Callahan received his medical degree from St. Louis University School of Medicine, completed his Internal Medicine residency at Baylor College of Medicine, and completed a fellowship in Health Services Research at the IU School of Medicine in 1991. In 1999-2000, he was a Visiting Scholar in the History and Psychopathology Research Program in the Department of Psychiatry at Cambridge University in the United Kingdom. His clinical practice at Eskenazi Health focuses on the care for older adults with depression and dementia, and his research has focused on developing new models of care to improve the care of vulnerable elders. Dr. Callahan is a nationally recognized leader in geriatrics research and has mentored many leaders in this field.

The Regenstrief Institute is an internationally respected informatics and healthcare research organization, recognized for its role in improving quality of care, increasing efficiency of healthcare delivery, preventing medical errors and enhancing patient safety.

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Indiana CTSI Symposium on Disease and Therapeutic Response Modeling

Registration is now open for the 5th Annual Indiana Clinical and Translational Sciences Institute Symposium on Disease and Therapeutic Response Modeling on Nov. 4 and 5.

The symposium will take place at the IUPUI Campus Center, 420 University Blvd., room 409, and will feature speakers from academia, industry and regulatory agencies. Academic, government and Eli Lilly employees can [register here](#) free of charge. All others can sign up for [paid registration](#) for a fee of \$250. Registration will be open through Friday, Oct. 23.

If you require assistance in finding a hotel, please contact Cheryl Weatherholt for suggestions. For more information or with questions, please contact Sara Quinney, Pharm.D., Ph.D. (squinney@iupui.edu), or Cheryl Weatherholt (weatherc@iu.edu).

To view additional meeting information and download the agenda, visit the [Division of Clinical Pharmacology](#) website.

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Eskenazi to host 20th annual health fair with free health screenings

On Saturday, Oct. 31, Eskenazi Health Center Cottage Corner, the Indianapolis Fraternal Order of Police and community organizations are partnering to present the 20th annual Eskenazi Health Center Cottage Corner Health Fair.

The fair will run from 10 am to 2 pm, at Eskenazi Health Center Cottage Corner, 1434 S. Shelby St. in Indianapolis. Health screenings provided at no cost include blood pressure and dental screenings, as well as flu vaccines. Fountain Square Eye Clinic will also be providing free glaucoma eye screenings.

To mark the day, Halloween trick-or-treat snacks will be provided by Eskenazi Health Food & Nutrition Services. Free parking and activities will also be available, compliments of the Indianapolis Fraternal Order of Police, located across the street from the health center. Indy Eleven will be at the health fair handing out prizes and giveaways.

For more information about the Eskenazi Health Center Cottage Corner Health Fair, please call 317.655.3200.

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22nd Annual Eskenazi Trauma and Surgical Critical Care Symposium

The Smith Level I Shock Trauma Center at Eskenazi Health will host the 22nd Annual Trauma and Surgical Critical Care Symposium on Friday, Oct. 16. The symposium is designed to provide healthcare professionals, who care for trauma and critically ill patients, with an in-depth look at trauma.

This year's symposium will be held at University Tower and Hine Hall on the Indiana University-Purdue

University Indianapolis campus, located at 875 W. North St. Attendees may park in the garage below Hine Hall.

The one-day conference will cover a variety of topics for physicians, nurses, EMS personnel and other healthcare providers, including a keynote session by C. William Schwab, M.D., FACS, professor of surgery at the Hospital of the University of Pennsylvania.

To learn more about the symposium and download the agenda, [click here](#).

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Opportunities

CTSI Global health research pilot project funding applications due Dec. 15

The Indiana CTSI, with the IU Center for Global Health, is soliciting proposals from applicants developing or currently involved in collaborative global health research projects. Applications are due Dec. 15 at 5 pm.

The purpose of this RFA is to foster and encourage the development of new collaborative interdisciplinary research that seeks to identify innovations to address key global health challenges and improve health outcomes in resource-limited settings.

This RFA will fund pilot research projects with a high potential for attracting new extramural research funding, a focus on strengthening collaborative multidisciplinary research collaborations between Indiana CTSI partner institutions (IU, Purdue and Notre Dame) and key academic research centers abroad and an emphasis in key, high-yield, research-related initiatives, including basic and translational sciences research, biobanking, cancer, population-focused disease control, informatics and decision support systems, and implementation research dissemination.

To read the submission checklist, download guidelines and project files, or to submit an application, visit the [Indiana CTSI website](#).

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Collaboration in Translational Research Pilot Grant Program applications due March 2016

The Indiana CTSI is seeking applicants for the Collaboration in Translational Research Pilot Grant Program. Applications are due March 4, 2016, by 5 pm. Submission will open Jan. 1.

The objective of the Indiana CTSI CTR pilot grant program is to foster and encourage collaboration across the Indiana CTSI partner institutions (IU, Purdue and Notre Dame) and to initiate or continue translational research projects that have very strong and immediate potential to develop into larger, externally funded research programs, or generate novel intellectual property.

Proposed projects should have participation by two or more principal investigators representing at least two of the sponsoring affiliates for this program. Sponsoring affiliates include: Indiana University School of Medicine, IUPUI, Indiana University-Bloomington, Purdue University-West Lafayette, and University of Notre Dame.

To read the submission checklist or download program files, visit the [Indiana CTSI](#) website.

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Kudos

Sheets receives \$1.86M grant for research into chronic neurological pain

Patrick Sheets, Ph.D., assistant professor of pharmacology and toxicology at Indiana University School of Medicine-South Bend, has been awarded a \$1.65 million, five-year grant to support his ongoing research on the impact of chronic pain on neurological circuitry.

The grant is from the National Institute for Neurological Disorders and Stroke, a division of the National Institutes of Health.

Sheets and his team seek to produce critical knowledge regarding the affective dimension of pain associated with peripheral nerve injury. A case in point of the affective dimension includes the negative emotional experience of chronic pain that runs parallel to the pain sensation itself. Prolonged painful states show very high comorbidity with affective disorders such as anxiety and depression.

To read more about the grant his his research, visit the [IUSM-South Bend website](#).

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Spradley wins Outstanding Professional Award from NAMI

David Spradley, RN, BSN, research nurse and recruitment specialist for the IU Psychotic Disorders Program of IUSM's Department of Psychiatry, was awarded with the National Alliance for Mental Illness Indiana Chapter's Outstanding Professional Award.

This award is presented to a professional who influences the mental health community and/or directly improves the life and well-being of those living with mental illnesses.

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Around Campus

Indy - Nyama Choma: Stories of AMPATH Oct. 21

Join Joe Mamlin, co-founder of AMPATH, and David Crabb, former chair of medicine at IU School of Medicine, in partnership with [IndeTale](#), for Nyama Choma: Stories of AMPATH.

The purpose of the event is to celebrate unique and inspiring stories from [AMPATH](#), an IU-led Nobel Peace Prize-nominated academic partnership with Moi University School of Medicine in Kenya. Entry fee is donation based (\$12 suggested donation, \$6 for students), and the evening will include a traditional Kenyan

dinner for an additional donation.

The event will take place at Indiana City Brewing, 24 Shelby Street, Indianapolis, IN 46202. Dinner will begin at 6:30 pm, with stories at 7:30 pm. To purchase tickets, [click here](#).

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Evansville - CDC medical officer to give immunization lecture Oct. 20

Andrew Kroger, M.D., medical officer at the Center for Immunization and Respiratory Diseases at the Centers for Disease Control & Prevention will present his talk, "Vaccine Hesitancy & Dispelling Myths," at IUSM-Evansville as part of the [Corcoran Lecture series](#).

In his talk, Kroger will address many of the myths surrounding modern immunization and provide the most recent information regarding immunizations from the CDC. Kroger has published numerous articles on immunizations, vaccines and infectious disease. Most notably, Dr. Kroger is the author of the newest edition of the CDC's General Recommendations on Immunization; and he is also involved with some of the new distance learning activities of the branch, including the Current Issues in Immunization Series that is delivered through NetConferencing.

The lecture will be held on Oct. 20, from noon - 2 pm, in Carter Hall, 8600 University Blvd, Evansville, IN 47712. The lecture is free and open to the public. An invitational dinner will be held at the Old National Events Plaza at 6 pm. Contact IUSM-Evansville with questions about presentations at 812-464-1831.

For more information about this event, visit the [IUSM-Evansville website](#).

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Indy - Understanding and Responding to Wrongdoing in Research Nov. 6

The Research Integrity Office will host a seminar titled, "Understanding and Responding to Wrongdoing in Research" on Friday, Nov. 6, from 8 to 10 am, in Goodman Hall Auditorium.

In this presentation, James DuBois, Ph.D., will explore the concepts of wrongdoing and noncompliance in research. He will share data on good professional decision-making in research gathered through testing of 700 NIH-funded researchers. He will also draw from his experience working with investigators referred from 26 institutions to the Professionalism and Integrity in Research Program, which was designed to help researchers operate professionally in today's complex regulatory environments. Finally, he will present evidence-based, decision-making strategies. These strategies assist researchers in doing good work with integrity and in dealing with cases in which they observe wrongdoing among colleagues.

To register for the seminar, visit the [Office of Research Compliance website](#) and filter by "Area" by "Research Integrity" in the search navigation bar. For more information, please contact the Research Integrity Office at rio@iu.edu.

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