



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

Features

Past Issues

Subscribe

Contact

October 8, 2015



Dean Hess celebrates two years of
service at the IU School of Medicine



IUSM takeaways from the President's
State of the University address

Top News

IUSM to take part in national pancreatitis research consortium

IUSM expands partnership with MedHub to support reaccreditation efforts

School-wide Grand Rounds presentation now available online

Research News

IUSM receives more than \$16 million in new grants and awards in September

Study: Gene linked to amyloid beta plaque buildup in Alzheimer's disease

Corson awarded \$100,000 research grant to study pediatric eye cancer

Faculty and Staff News

Mathur receives CHEST award, will give memorial lecture at annual meeting

Sevilla-Martîr elected president of Indiana Hispanic Medical Society

Jones and Zellars named to endowed chairs

Chambers and Tate named OFAPD faculty fellows

Zyromski featured on IU Health's Blog

Around Campus

Indiana Association of Blacks in Higher Education Fall 2015 Symposium is Oct. 14

2015 Innovation to Enterprise Showcase and Forum Nov. 4

HANDS in Autism® workshop for families, providers and individuals with ASD

Events

11/10/2015

Biostatistics for Healthcare Researchers: A Short Course

10/12/2015

Ebola: It came, it killed, it crept away. What are the lessons learned?

10/16/2015

IUPUI Imaging Research Symposium

[View more events »](#)

Top News

IUSM to take part in national pancreatitis research consortium

The Indiana University School of Medicine is one of 10 members selected to take part in a national Consortium for the Study of Chronic Pancreatitis, Diabetes and Pancreatic Cancer, with \$1.86 million in funding over five years.

This **CSCPDPC award**, a U01 research project, is funded by the National Institutes of Health, the National Cancer Institute and the National Institute of Diabetes and Digestive and Kidney Diseases.

The two objectives of the research consortium are to pursue clinical research on chronic pancreatitis and acute recurrent pancreatitis, and on pancreatic cancer and pancreatogenic diabetes mellitus. Through recruitment and acquisition of well-characterized patients and associated biospecimens, this research network will achieve the research objectives.

Evan Fogel, M.D., professor of clinical medicine is the principal investigator on this award. Other investigators include Stuart Sherman, M.D., Murray Korc, M.D., Kieren Mather, M.D., Raghu Mirmira, M.D., Ph.D., Temel Tirkes, M.D., and Kumar Sandrasegaran, M.D.

The consortium also includes the University of Iowa, Cedars Sinai LA, the Mayo Clinic, Stanford University, Baylor University, Indiana University, the University of Florida, the Kaiser Foundation and the University of Pittsburgh. The University of Texas MD Anderson Cancer Center is the consortium's Data Coordination and Management Center.

[BACK TO TOP ▲](#)

IUSM expands partnership with MedHub to support reaccreditation efforts

The IU School of Medicine has expanded its partnership with MedHub to deploy medical education management software that will enhance service to learners.

Considered a best-in-class tool for managing student data, processing, billing and other functions, MedHub has already been an important partner for Graduate Medical Education for many years. Now, given the important needs associated with IUSM's pursuit of reaccreditation and related curriculum renewal, MedHub will be deployed across the school beginning this fall.

MedHub will help better serve learners by making it easier for faculty to enter grades, by creating smooth

workflows, and by preventing missing, duplicated or conflicting data.

“Campuses and programs will have the ability to talk to one another through this system, creating efficiencies that mean less administrative effort and higher-quality data that support work toward reaccreditation and ultimate goals of continuous quality improvement in all aspects of our work,” said Peter Nalin, executive associate dean for educational affairs.

A few examples of work that MedHub will support:

- Curricular mapping (current legacy curriculum and the new curriculum)
- Course scheduling, conference attendance, distribution of curricula, and evaluations
- Extensive reporting capabilities across the enterprise, statewide and inter-professional.

Kurt Snyder, director of the division of continuing medical education, is leading MedHub deployment.

[BACK TO TOP ▲](#)

School-wide Grand Rounds presentation now available online

On Sept. 30, IUSM hosted its school-wide Grand Rounds, “Industry Relations Conflict of Interest -- A Panel Discussion.”

For those who were unable to attend in person, the presentation is now [available online](#).

[BACK TO TOP ▲](#)

Research News

IUSM receives more than \$16 million in new grants and awards in September

Sunil Badve	National Cancer Institute	New	(PQC3) Ethnicity-determined immune response and DCIS outcome	8/4/15	7/31/16	707,173
Nerissa S Bauer	Agency For Healthcare Research And Quality	New	Improving Anxiety Detection in Pediatrics Using Health Information Technology	9/1/15	8/31/17	298,960
Aaron E Carroll	National Institute Of General Medical Sciences	New	Utilizing Established YouTube Infrastructure for Training Module Development	9/15/15	8/31/16	71,696
Rebecca J	National	Renewal	International Symposium	9/1/15	8/31/16	4,000

Chan	Cancer Institute	(not prev committed)	on Juvenile Myelomonocytic Leukemia (JMML)			
D Wade Clapp	Riley Children's Foundation	New	Hematology/Oncology Section Chief Recruitment	7/1/15	6/30/16	800,000
D Wade Clapp	National Cancer Institute	New	Developmental and HyperActive Ras Tumor SPORE	9/1/15	8/31/16	199,507
D Wade Clapp	National Cancer Institute	New	Developmental and HyperActive Ras Tumor SPORE	9/1/15	7/31/16	2,185,000
Theodore R Cummins	National Institute Neurological Disorders & Stroke	New	Sodium channels and electrogenesis in sensory neurons	9/1/15	8/31/16	390,000
Jeffrey S Elmendorf	Beckman Research Institute City Of Hope	New	Support to continue her AHA fellowship for this time	7/1/15	12/31/15	10,000
Tatiana M Foroud	Michael J Fox Foundation For Parkinsons Research	New	Systemic Synuclein Sampling Study (S4)	5/1/15	4/30/16	386,050
Tatiana M Foroud	National Institute Neurological Disorders & Stroke	New	NINDS Biomarker Repository	9/30/15	9/29/16	1,500,000
Maria Bartolomeo Grant	National Eye Institute	New	LXR as a novel therapeutic target in diabetic retinopathy	9/1/15	8/31/16	582,429
Chandy C John	Riley Children's Foundation	New	Ryan White Infectious Disease Research Fund	7/1/15	6/30/16	850,125
Chandy C John	University Of Bergen	New	University of Bergen	10/1/14	9/30/19	9,433
Reuben Kapur	Children's Hospital Medical Center Of Cincinnati	New	Regulation of hematopoietic stem cell self-renewal by GTPase activating protein sign	7/1/15	6/30/16	17,807
Sungeun Kim	National Institute On Aging	New	Novel Strategies for Blood-based Biomarkers for AD: Role of Genetic Variation in a Multivariate Framework	9/1/15	4/30/16	78,000

Shyam Kishan	Ann & Robert H Lurie Children Hospital Of Chi	New	Evaluating the Need for Operative Management of Type I Open Fractures in Children	9/4/15	11/30/15	600
Debomoy K. Lahiri	National Institute On Aging	New	Neurobiological role of MicroRNA in Alzheimer's	9/1/15	4/30/16	319,743
Debra K Litzelman	Indiana University Health	New	Institutionalizing Advance Care Planning in Key Communities Across Indiana	7/1/15	6/30/16	138,654
Patrick J. Loehrer	National Cancer Institute	Renewal (not prev committed)	Indiana University Melvin and Bren Simon Cancer Center Summer Program	9/1/15	8/31/16	106,993
Daniela Elena Matei	Purdue University	New	Diffractionmetric Detection of Molecular Cancer Markers	8/1/15	7/31/16	99,456
Erin M B McNerny	National Institute Of Diabetes, Digestive & Kidney	New	Assessing and improving bone quality in chronic kidney disease	9/17/15	9/16/16	53,623
Raghu G Mirmira	Riley Children's Foundation	New	Wm & Helen Thomas Trust	8/31/15	2/29/16	20,000
Anirban Kumar Mitra	U.s. Department Of Defense	New	Microenvironment regulated microRNAs promote ovarian cancer metastatic colonization	9/1/15	8/31/20	1,131,000
Christie M Orschell	U.s. Department Of Defense	New	Using the prostaglandin E2 signaling cascade to mitigate the effects of acute and delayed radiation exposure to hematopoiesis and blood stem cell function.	9/1/15	8/31/18	1,165,121
Christie M Orschell	U.s. Department Of Defense	New	Development of G1T28-1 to Mitigate Hematologic Sequelae of ARS and DEARE	9/30/15	9/29/16	274,448
Louis M Pelus	U.s. Department Of Defense	New	Using the prostaglandin E2 signaling cascade to mitigate the effects of acute and delayed radiation exposure to hematopoiesis and blood stem cell function	9/1/15	8/31/18	1,171,743
Susanne	Riley Children's	New	Broadwater Funds for	8/1/14	12/31/15	15,000

Ragg	Foundation		Osteosarcoma Research			
Tony Ribera	International Association Of Medical Science Educators	New	Examining the Response Process Validity of Learner Mistreatment Items on the Association of American Medical Colleges? Medical School Graduation Questionnaire	6/15/15	6/14/17	2,998
Zachary A. Rodd	National Institute On Alcohol Abuse And Alcoholism	New	7/8 NADIA UO1 Adolescent Alcohol and Neurocircuitry Mediating Ethanol Reinforcement	9/1/15	8/31/16	315,900
G David Roodman	University Of Pittsburgh	Renewal (not prev committed)	Viral and Genetic Regulation of Abnormal OCL Activity in PD	8/1/15	6/30/16	28,704
Uma Sankar	National Institute Arthritis Musculoskeletal Skin	New	CaMKK2 Inhibition as a Dual-Action Bone Anabolic and Anti-Catabolic Therapy in Osteoporosis	9/18/15	7/31/16	337,286
Uma Sankar	American Cancer Society, Incorporated	New	CaMKK2 Inhibition in Palliative Care of Advanced Prostate Cancer Patients	7/1/15	6/30/16	180,000
Patrick L Sheets	National Institute Neurological Disorders & Stroke	New	Prefrontal Circuitry and Pain	9/30/15	6/30/16	320,219
Edward F. Srouf	National Institute Of Diabetes, Digestive & Kidney	New	CD 166 Regulates Human and Murine Hematopoietic Stem Cell Function and the Hematopoietic Niche	9/11/15	8/31/16	124,800
Michael S Sturek	Purdue University	New	In vivo photoacoustic sensing of lipid laden plaque	8/1/15	5/31/16	120,799
Jie Sun	National Institute On Aging	New	Simultaneously boosting both humoral and cellular immunity following vaccination	9/1/15	5/31/16	319,800
Naomi B Swiezy	Riley Children's Foundation	New	HANDS in Autism Interdisciplinary Training and Resource Center Fund #2377 FY-	7/1/15	6/30/16	15,815

			16			
Yuichiro Takagi	National Institute Of General Medical Sciences	New	Mechanism of transcription regulation by the Mediator	9/1/15	8/31/16	305,934
Robert S. Tepper	National Heart, Lung And Blood Institute	New	Anti-Angiogenic Preeclamptic Milieu Impairs Infant Lung and Vascular Development	9/15/14	5/31/15	623,699
Homer L Twigg	Johns Hopkins University	New	Measurement of HIV viral load and detection of viruses in the lungs of HIV-infected subjects on highly active antiretroviral therapy	8/1/15	7/31/16	55,683
Benjamin M Whittam	National Institute Of Diabetes, Digestive & Kidney	New	Randomized Robotic-Assisted versus Open surgery: Benefits and Patient Centered Outcomes Trial(Randomized ROBOT)	9/3/15	8/31/16	234,000
Sarah Elizabeth Wiehe	Indiana State Department Of Health	New	The Indiana Clinical and Translational Sciences Institute (CTSI) - Community Health Engagement Program (CHEP) Preventive Health and Health Services Block Grant	7/20/15	9/30/16	140,652
Bryan K Yamamoto	National Institute On Drug Abuse	New	Methamphetamine Toxicity and Corticostriatal Glutamate	7/1/15	4/30/16	254,999
Mervin C. Yoder	Riley Children's Foundation	New	Wells Center summer internship	5/1/15	4/30/16	16,500
Richard C Zellars	The Breast Cancer Research Foundation	New	Phase II Trial of Partial Breast Cancer Irradiation and Concurrent Chemotherapy (PBI 3.0) / Pre-operative PARPi and Irradiation (POPI)	10/1/16	9/30/17	70,470
Richard C Zellars	The Breast Cancer Research Foundation	New	Phase II Trial of Partial Breast Cancer Irradiation and Concurrent Chemotherapy (PBI 3.0) / Pre-operative PARPi	10/1/15	9/30/16	179,530

[BACK TO TOP ▲](#)

Study: Gene linked to amyloid beta plaque buildup in Alzheimer's disease

In a newly published study, a multi-institutional team led by scientists at the Indiana University School of Medicine have discovered an immune system gene associated with higher rates of amyloid plaque buildup in the brains of Alzheimer's patients and older adults at risk for the disease.

The research, [reported in the journal Brain](#), found that a variant in the IL1RAP gene was associated with greater amyloid plaque accumulation over two years and had an even stronger effect than the well-known APOE e4 allele which is notorious for its association with the development of Alzheimer's disease.

Using positron emission tomography imaging in nearly 500 individuals, the researchers assessed the levels of brain amyloid deposits at an initial visit and again two years later. A genome-wide analysis was then conducted to identify genetic variants associated with the rate of plaque accumulation during this two-year window. As predicted, APOE e4 was found to be associated with higher rates of plaque buildup. However, the investigators were surprised to find that IL1RAP, which codes for the key immune signaling factor Interleukin-1 Receptor Accessory Protein, showed an independent and even stronger influence on amyloid accumulation.

The new study in *Brain* found that the amyloid-associated IL1RAP variant was also associated with:

- A lower level of microglial activity as measured by PET scans.
- Greater atrophy of the temporal cortex, a region of the brain involved with memory.
- Faster cognitive decline.
- Greater likelihood among study participants of progression from mild cognitive impairment to Alzheimer's disease.

To read more about this study, visit the [IUSM Newsroom](#).

[BACK TO TOP ▲](#)

Corson awarded \$100,000 research grant to study pediatric eye cancer

Timothy Corson, Ph.D., assistant professor of ophthalmology at the IU School of Medicine and researcher at the Indiana University Melvin and Bren Simon Cancer Center and the Eugene and Marilyn Glick Eye Institute, has been awarded a \$100,000 Research Grant Award from the [St. Baldrick's Foundation](#) to support his research on retinoblastoma, a cancer of the eye in children that can cause blindness or death.

The award provides funding for year-long research projects that look to find new and better cures for childhood cancers, according to the foundation.

Dr. Corson's team has developed a new chemical that blocks abnormal blood vessel growth in the eye without side effects. By blocking new blood vessel formation, they will starve a growing retinoblastoma tumor

of oxygen and nutrients and stop its growth. If successful, this work will pave the way for development of a new retinoblastoma drug and also testing in other pediatric and adult cancers.

[BACK TO TOP ▲](#)

Faculty and Staff News

Mathur receives CHEST award, will give memorial lecture at annual meeting

The IU School of Medicine's Praveen N. Mathur, MBBS, FCCP, professor emeritus of clinical medicine, will receive the Pasquale Ciaglia award and give the Pasquale Ciaglia memorial lecture in Interventional Medicine at the 2015 American College of Chest Physicians annual meeting.

The [Pasquale Ciaglia Memorial Lecture in Interventional Medicine](#) award honors a CHEST member well-known for his or her work in interventional medicine, such as clinical state-of-the-art innovations, economic impact, invention, interventional critical care, research opportunities and/or a host of other interesting facets of interventional medicine.

CHEST 2015 takes place Oct. 24 - 28 in Montreal, Canada. [Learn more about CHEST](#) and its annual meeting.

[BACK TO TOP ▲](#)

Sevilla-Martíñ elected president of Indiana Hispanic Medical Society

Javier Sevilla-Martíñ, M.D., was elected the first president of the newly inaugurated Indiana Hispanic Medical Society on Sept. 26 at the regional meeting of the National Hispanic Medical Association.

Sevilla-Martíñ is the associate professor of clinical family medicine and assistant dean of diversity affairs at the IU School of Medicine. The president and CEO of the [National Hispanic Medical Association](#), Elena Rios, M.D., was on hand to preside over the regional meeting.

Serving with Dr. Sevilla as new officers of the Indiana Hispanic Medical Society, will be:

- Alfredo Lopez, M.D., vice president
- Daniela Lobo, M.D., secretary
- Ruben Hernandez, M.D., treasurer

A first-year medical student, Gustavo Caravjal, was elected to the Board of Directors as the medical student representative. Please congratulate these leaders as they help shape healthcare in Indiana with a special focus on Hispanic/Latino community members.

[BACK TO TOP ▲](#)

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.

[BACK TO TOP ▲](#)

Chambers and Tate named OFAPD faculty fellows

Joanna Chambers, M.D., and Chemen Tate, M.D., have been named Faculty Fellows in the Office of Faculty Affairs and Professional Development with an emphasis on women's initiatives and diversity.

Dr. Chambers, an assistant professor of clinical psychiatry, came to the IU School of Medicine in 2007 and has served in various educational roles, including associate residency training director, residency training director, and vice chair for education.

Since her arrival to Indiana University in 2008, Dr. Tate, an assistant professor in the Department of Obstetrics and Gynecology, has served as an attending physician at Community Hospital North, Eskenazi Health, and IU Health.

"We are particularly excited about their interest in examining the intersection of gender and diversity—with learners, staff and faculty. Their contributions to this important work will help us learn how to improve the climate, culture and experiences for everyone at IUSM but especially those from underrepresented groups," said Mary Austrom, Ph.D., associate dean for diversity affairs.

The fellowship is designed to advance the collaboration between programs for the advancement of women and diversity affairs, while providing an opportunity to professional growth and development.

[BACK TO TOP ▲](#)

Zyromski featured on IU Health's Blog

When he's not performing surgery, [Nicholas Zyromski](#) is making music. A surgeon specializing in pancreatic and hepatobiliary (liver, gallbladder and bile duct) surgery at IU Health University Hospital and associate professor of surgery at the IU School of Medicine, [Zyromski spends his weekends and free time playing](#), writing and performing his own music. Read the full Q&A with the musician/surgeon on the [IU Health Blog](#).

[BACK TO TOP ▲](#)

Around Campus

Indiana Association of Blacks in Higher Education Fall 2015 Symposium is Oct. 14

The Indiana Association of Blacks in Higher Education Fall Symposium will take place Wednesday, Oct. 14 at the IUPUI Campus Center from 9 am to 2:30 pm.

The purpose of the IABHE is to promote the advancement of Indiana blacks in higher education. The IABHE serves to create a space for black administrators, faculty, staff, and graduate students to professionally network, engage in personal fellowship, and show support of each other while working at institutions within Indiana.

The one-day symposium will include a continental breakfast, an address from the Indiana Commission on Higher Education titled, "The State of Black Students in Higher Education," lunch with student hosts and affinity group breakout sessions.

[Click here](#) to register or to learn more about this event.

[BACK TO TOP ▲](#)

2015 Innovation to Enterprise Showcase and Forum Nov. 4

The Innovation to Enterprise Showcase and Forum, which highlights the research and creative successes of IU faculty, researchers and students will take place at the IUPUI Campus Center on Wednesday, Nov. 4.

This year's keynote speaker is Richard DiMarchi, Ph.D., co-founder of five companies and former group vice president for Eli Lilly & Company. The event will also recognize faculty innovation and social impact with the presentation of the inaugural Innovation to Enterprise Research Commercialization Award.

The event will conclude with a networking reception and showcase featuring new ventures arising from faculty research at the Indianapolis campus, hosted by SpinUp Business Catalyst group. SpinUP was created to help IU researchers bring promising technologies to market by starting their own companies, and helps with the early administrative functions of running a business so faculty members can focus on the research that drives it.

To register, [click here](#). Contact Karen White at kfwhite@iupui.edu or (317) 274-1083 with questions about this event.

[BACK TO TOP ▲](#)

HANDS in Autism® workshop for families, providers and individuals with ASD

HANDS in Autism® will host a Next Steps™ workshop in Fesler Hall, room 302, Wednesday, Oct. 28, from 5:30 to 7:30 pm.

The workshop will cover a variety of topics, including:

- General information on autism spectrum disorder

- Information on family life
- Community supports
- Rights and regulations
- Treatment and intervention
- Practical strategies

The workshop, sponsored by Kappa Kappa Kappa, will include a comprehensive manual and is free to all attendees. More information and registration are available on IUPUI's [Hands in Autism](#) site.

[BACK TO TOP ▲](#)

