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## Top News

### Faculty members appointed assistant deans

IUSM faculty members have been named assistant deans for educational affairs and faculty development. The IU School of Medicine Office of Faculty Affairs and Professional Development and the Office of Educational Affairs jointly finalized the search for the new positions last month. In the part-time appointments, these individuals will provide professional development, support, recognition, and process improvement for faculty, including volunteer faculty, throughout the IUSM nine-campus system.

The new assistant deans are:

**J. Matthew Neal, M.D., MBA** - Dr. Neal is currently executive medical director, academic affairs, and chairman, Department of Medicine, at IU Health Ball Memorial Hospital.

**Susan H. Ballinger, M.D.** - Dr. Ballinger is associate professor of clinical pediatrics, division of Rheumatology, IU School of Medicine.

**Stephen J. Cico, M.D., M.Ed.** - Dr. Cico is associate professor of clinical emergency medicine and pediatrics, and fellowship director, pediatric emergency medicine, IU School of Medicine.

**Laura Torbeck, Ph.D.** - Dr. Torbeck is vice chair of education and surgical educator, Department of Surgery, IU School of Medicine.

Dr. Neal assumed his new position on June 1, and the others are expected to begin their new roles on July 1.

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## Volunteer Faculty Advisors guide students through med school, careers and life

They may seem like just another couple of friends conversing over coffee at the Copper Moon coffee shop at IU Health University Hospital. But look closer and you will see an advisor-advisee relationship that works.

For the past decade, Don Selzer, M.D., M.S., FACS, associate professor of surgery, has been involved in advising medical students, and this year he became a Volunteer Faculty Advisor (VFA). One of his current advisees is Tyler Turchan, MS3. While Turchan appreciates Selzer's advice regarding medical school and his approaching career, he's most grateful for his advisor's willingness to go beyond that.

"Some of the best advice he has given me has been regarding work-life balance and how to make sure that things are a priority outside of school and work," Turchan says.

But don't think the relationship is a one-way street. Selzer says being a VFA "means taking your knowledge both from personal experience and through connections with others from all disciplines and walks of life to help students. It is an incredibly fulfilling endeavor that provides both people with a positive feeling."

Volunteer Faculty Advisors shepherd students through their medical school career providing one-on-one mentoring and a social connection to IUSM. Advisors serve as positive medical role models, exploring challenges and seeking solutions with (not for) the learners, and encouraging medical students to strive for excellence.

*If you'd like to make a meaningful impact in the life of a medical student outside of the classroom, [click here](#) to learn more about the Volunteer Faculty Advisor program.*

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## Four alumni honored at 2016 Medical Alumni Weekend

The Indiana University School of Medicine honored the 2016 recipients of four alumni awards during the 69<sup>th</sup> Annual Strawberry Shortcake Luncheon on May 21.

The luncheon, which was part of the program of this year's Alumni Weekend, was hosted by the IU School of Medicine Alumni Association, and roughly 280 people attended. Photos from the weekend are available on the IU School of Medicine's [Flickr page](#).

### Distinguished Alumni Award

*David Nahrworld, M.D., '60*, received the school's Distinguished Alumni Award, which has been presented since 1970, and recognizes alumni who bring honor to the school through their professional work and extraordinary service to IU. Dr. Nahrworld spent the better part of two decades overseeing a thriving surgical

practice and serving as chairman of the Department of Surgery at the Northwestern University Feinberg School of Medicine.

Additionally, Dr. Nahrwold acted as president and CEO of the Northwestern Medical Faculty Foundation and served as interim director of the American College of Surgeons. He is counted among the ranks of numerous national and international professional organizations, including serving as president for the Central Surgical Association, the Society of Surgery for the Alimentary Tract, and the U.S. chapter of the U.S. International College of Gastrointestinal Surgeons. He also served in posts with the National Institutes of Health and as a member of the Accreditation Council for Graduate Medical Education.

"If this award validates anything, it validates that I was fortunate to get into the right medical school," Dr. Nahrwold said. "It validates that our faculty taught me to do the right things, that my family supported me in doing those things, and that this association of alumni and this medical school values the right things."

### **Early Career Achievement Award**

Dr. Jerome Adams, M.D., '02, was presented with the Early Career Achievement Award, which singles out graduates who make a quick mark in medicine. Dr. Adams is currently commissioner for the Indiana Department of Health. In the first 18 months of his appointment, Dr. Adams oversaw the department's efforts to tackle a HIV outbreak in Scott County, along with ramped up efforts to lower the state's infant mortality rate.

Additionally, Dr. Adams is anesthesiologist at Eskenazi Hospital and an assistant professor in the Department of Anesthesia at the School of Medicine. He serves as chairman of the Pharmacy and Therapeutics Committee at Eskenazi, and leads the Professional Diversity Committee for the American Society of Anesthesiologists.

"This award isn't so much a testament to my accomplishments as it to the great people -- many of whom are in this room -- who supported me over the years," Dr. Adams said.

### **Glenn W. Irwin Distinguished Faculty Award**

The ceremony also honored the contribution of Stephen J. Jay, M.D., '66, with the Glenn W. Irwin Distinguished Faculty Award, which has been presented for nearly three decades to educators who demonstrate a passion for educating students, collaborating with peers, and pushing the boundaries of research.

Dr. Jay is a pioneer in the field of public health and best known for his advocacy on smoking cessation. Over three decades at the School of Medicine, he rose from assistant professor to head the Division of Pulmonology, served as dean for Continuing Education and, eventually, founding chair for the Fairbanks School of Health. The Indiana Department of Health and American Lung Association have lauded Dr. Jay for his advocacy work, and he received the Auberbach Award for his efforts to prevent and control lung disease in Indiana.

Dr. Jay also held leadership positions with the Accreditation Council for Continuing Medical Education, the American Lung Association of Indiana, the Association for Hospital Medical Education, Healthy Indy Partnership, and Improving Kids' Environment.

"Dr. Irwin's presence inspired all of us as students who associated with him to aspire to be a more complete physician," Jay said. "I'm humbled to receive this award in his name. The quality of students today, the quality of faculty mentors, and the quality of their teachers bodes well for the school in the 21<sup>st</sup> century."

### **Community Physician Award**

Finally, George W. Sorrells, M.D., '62, was the inaugural recipient of the Community Physician Award. For

more than five decades, the pediatrician has practiced primary care in rural Bedford, where call included nights, weekends, and holidays. Over the years, his practice has evolved from Bedford Regional Medical Center to a staff role at Southern Indiana Pediatrics, where he has worked since 2012.

He has continually given back to the IU School of Medicine as a member of the Dean's Council and J.O. Ritchey Society, serving as the planned-giving groups chairman since 2008. He is also a member of the 1820 Society and Arbutus Society.

"I am deeply humbled and honored to be receiving this award," he said. "Patients are our friends. It's been a great trip these past 51 years. I'm often asked when I'm going to retire, and I haven't exactly answered. I get to do every day what I want to do. There's no greater profession than practicing medicine, and no greater honor to an individual to give a feeling of wellness to a fellow human being."

*The IU School of Medicine Alumni Association represents all graduates and former trainees who completed residencies and fellowships at the School of Medicine. For more information about the association and how you can get involved, please visit the [IUSM Alumni Association website](#) or contact Ryan Bowman, director of Alumni Relations, at [rsbowman@iu.edu](mailto:rsbowman@iu.edu).*

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## IUSM users test new all-funds budgeting tool

Early next year IU School of Medicine will implement Oracle Hyperion Planning -- a new budget application system to support needed all-funds budgeting for IUSM, including clinical components and grant funding. With the capability to quickly produce financial forecasts and trends, Oracle Hyperion will enhance the school's ability to direct and manage funds in support of research, education, and clinical care.

In April and May financial users in various IUSM offices tested the new system, getting a first look at its features and functionality. While training later this year will improve familiarity and ease of use, so far users see some tangible, time-saving benefits in the new system.

Comments from users participating in recent testing:

*"It will help streamline the process and provide ready access to all data needed to complete the process more efficiently."*

*"I am looking forward to the time that will be saved with Hyperion and the improved reporting."*

*"It will provide consistency and better access to the data required to accurately complete budget construction."*

IUSM Financial Services is currently recruiting a financial systems administrator to be on-boarded later this summer. This individual will be responsible for managing the Oracle Hyperion Planning system, which will include system maintenance, administration, and end-user training. End-user training is scheduled for October and November with the system set to go live in January 2017.

With questions or for more information, e-mail [hyperion@iu.edu](mailto:hyperion@iu.edu).

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## IUSM-Northwest's efforts to train doctors in local hospitals gains momentum

Indiana University School of Medicine-Northwest-Gary, and a growing number of health care partners throughout the region, want to see more newly minted doctors starting their careers in Northwest Indiana, thereby addressing the physician shortage and increasing the quality of care for patients locally.

One of the keys to doing this is to make graduate medical education available at area hospitals, so that doctors-in-training won't have to relocate to complete their medical residencies.

Last year, IUSM-Northwest started the conversation by commissioning consultant Tripp Umbach to study the feasibility of developing a residency program there, and brought together partners to begin forming a consortium that will develop the residency programs across the region. A final report is expected to be completed by mid-summer.

At its recent spring meetings, the group discussed involving the IU School of Medicine as a sponsor institution and invited three Indianapolis physicians to discuss the strengths of the IU Residency Program and how their involvement will be advantageous to the developing consortium.

Patrick Bankston, associate dean and director of IUSM-NW-G and Dean of the College of Health and Human Services at IU Northwest, said the partner health care institutions have already proposed a number of residency programs that could be filled by up to 165 residents within a few years. Bankston reported that Tripp Umbach confirmed through its analysis that Northwest Indiana has the patient population, demographics, and potential physician faculty to support these residencies.

Read more at [the IU-Northwest-Gary Newsroom](#).

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## Faculty and Staff News

### Marrero to retire July 31; reception held June 29

After 32 years at IU School of Medicine, David Marrero, Ph.D., has announced his retirement effective July 31. A reception in his honor will be held on Wednesday, June 29, from 2 to 5 pm in the first floor atrium of the Health Information and Translational Sciences building.

Dr. Marrero joined the IU School of Medicine in 1984 and became the J.O. Ritchey Professor of Medicine in 2004. He is currently serving as the director of the [Diabetes Translational Research Center](#). His research interests include strategies for promoting diabetes prevention, care settings, improving diabetes care practices used by primary care providers, and the use of technology to facilitate care and education. He has been widely recognized for his work both nationally and internationally.

He has published over 300 papers and served as associate editor for Diabetes Care (1997-2002) and is currently the associate editor for Diabetes Forecast. He was twice awarded the Allene Von Son Award for Diabetes Patient Education Tools by the American Association of Diabetes Educators, nominated to Who's Who in Medicine and Health care in 2000, selected as Alumni of the Year for the University of California Irvine in 2006, and in 2016 was voted one of UCI's most influential graduates in the past 50 years. In 2008 he was named the Outstanding Educator in Diabetes by the American Diabetes Association and was given the JK Lilly Distinguished Service Award. In 2013 he won the inaugural Bantz-Patronio Translating Research into Practice Award at Indiana University and the Care Continuum Alliance Outstanding Leadership in Population Health Award. In 2015 he was elected president of the American Diabetes Association.

His contributions to the field of diabetes have had significant impact. Of particular note, he was a principal investigator for the NIH's Diabetes Prevention Program, a renowned clinical trial, and the first to translate the study into the broader public health by developing the YMCA as an intervention program delivery vehicle. This work resulted in the Y developing a diabetes prevention program. He contributed to the CDC's development of the National Diabetes Prevention Program and the recent decision by the Center for Medicare and Medicaid Services to provide benefit coverage for participation in diabetes prevention programs was based on his work.

To attend the reception, please RSVP to JoEllen Dice at [jodice@iu.edu](mailto:jodice@iu.edu) by **Monday, June 20**.


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## Sign up to be a Foundations of Clinical Practice clinical preceptor

As part of the **new IU School of Medicine curriculum** launching in the fall, applications are currently being accepted for the longitudinal clinical preceptors associated with the Foundations of Clinical Practice - Year One course.

Foundations of Clinical Practice - Year One, taught during the first year of medical school, is an integrated series of lectures, small-group discussions, along with a clinical component that is overseen by the longitudinal clinical preceptors.

Students will make seven clinical visits during the academic year. This equates to approximately one visit every four weeks. Each visit is approximately three hours in length. The visits during the first year will be related to developing their history and physical exam skills, practicing communication skills, identifying the health care team members, and identifying health care disparities in practice.

More specific information about the opportunities at the Indianapolis campus are  **available in the PDF**. To apply, complete the interest form on page three of the PDF and send to Bernadette Bills at [babills@iu.edu](mailto:babills@iu.edu) by **June 30**.

If you are interested in serving as a longitudinal clinical preceptor outside of the Indianapolis campus, you should directly contact the center director. Contact Dr. Matthew Holley, statewide course director, Foundations of Clinical Practice - Year One, at [maholley@iu.edu](mailto:maholley@iu.edu) with any questions.

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## Research News

### May research awards top \$3.4 million

| Investigator       | Sponsor                     | Type | Project Title                              | Begin Date | End Date | Awarded Dollars |
|--------------------|-----------------------------|------|--|------------|----------|-----------------|
| Liana G Apostolova | National Institute On Aging | New  | Imaging epigenetics of Alzheimer's Disease | 5/1/16     | 4/30/17  | 144,720         |



|                    |   |                              |  |         |         |         |
|--------------------|---|------------------------------|--|---------|---------|---------|
| Nicole Lynn Byers  | American Lung Association                     | New                          | The role of PTEN in macrophage activation and function in MRSA host defense  | 9/1/15  | 8/31/16 | 32,500  |
| Daniel O. Clark    | National Heart, Lung And Blood Institute      | New                          | APP-ME: Addressing Place & People MicroEnvironments in weight loss disparities   | 5/2/16  | 4/30/17 | 635,519 |
| Linda A DiMeglio   | Benaroya Research Institute At Virginia Mason | New                          | Immune Tolerance Network   | 2/1/16  | 1/31/17 | 126,226 |
| Robert J Fallon    | Riley Children's Foundation                   | New                          | Dunscomb Family Fund   | 5/1/16  | 4/30/17 | 8,825   |
| Theresa Ann Guise  | National Cancer Institute                     | New                          | Novel mechanism and therapeutic target for cancer chemotherapy-induced neurocognitive impairments  | 5/10/16 | 4/30/17 | 655,037 |
| Reuben Kapur       | National Heart, Lung And Blood Institute      | Renewal (not prev committed) | Novel Mechanisms of C-Kit Regulation in Mast Cells   | 5/1/16  | 4/30/17 | 390,000 |
| Monica Khurana     | Riley Children's Foundation                   | New                          | Khurana Honorarium Funds   | 5/1/16  | 4/30/17 | 500     |
| Paul Y. Kwo        | University Of Florida                         | New                          | THE PRIORITIZE STUDY: A Pragmatic, Randomized Study of Oral Regimens for Hepatitis C: Transforming Decision-Making for Patients, Providers, and Stakeholders | 3/1/16  | 2/28/21 | 317,100 |
| Todd Owen McKinley | Johns Hopkins University                      | New                          | A Multi Center Prospective Observational Study of Nerve Repair and Reconstruction Associated with Major Extremity Trauma                                     | 2/3/16  | 9/29/19 | 132,300 |
| Samy Meroueh       | Conquer Paralysis Now                         | New                          | Small Molecule uPAR Agonists to Promote Recovery of Breathing in Chronic Spinal Cord Injury  | 5/23/16 | 5/22/17 | 50,000  |

|                          |   |     |  |          |          |         |
|--------------------------|---|-----|--|----------|----------|---------|
| David E Nelson           | University Of Miami                             | New | Diversity and Dynamic Stability of the Ocular Surface Microbiome   | 9/1/15   | 8/31/16  | 39,487  |
| Kenneth P Nephew         | Northwestern University                         | New | An Epigenetic Strategy for Restoring Carboplatin Sensitivity in Ovarian Cancer   | 3/28/16  | 1/31/17  | 161,850 |
| Kenneth P Nephew         | Northwestern University                         | New | An Epigenetic Strategy for Restoring Carboplatin Sensitivity in Ovarian Cancer   | 1/1/16   | 12/31/16 | 98,750  |
| Jamie L Renbarger        | National Institute Of Child Health, Human Devl. | New | Postdoctoral Research Training in Pediatric Clinical and Developmental Pharmacology  | 5/1/16   | 4/30/17  | 213,829 |
| Todd C Skaar             | Eastern Cooperative Oncology                    | New | Supplement to NCI Community Oncology Research Program (NCORP) Research Base Grant: Analyses of Symptom Management/Toxicity Studies | 8/1/15   | 7/31/16  | 58,477  |
| Elaine Noonan Skopelja   | University Of Illinois At Chicago               | New | GMR Annual Outreach Grant  | 5/1/15   | 4/30/16  | 5,000   |
| Brownsyne Tucker Edmonds | National Academy Of Sciences                    | New | Norman F. Gant/American Board of Obstetrics and Gynecology (ABOG) Fellowship   | 10/19/15 | 10/18/17 | 25,000  |
| Matthew J Turner         | U.s. Department Of Veterans Affairs             | New | IPA-Hongming Zhou  | 2/1/16   | 9/30/16  | 58,777  |
| Stephanie Ware           | March Of Dimes Birth Defects Foundation         | New | The Cytogenomics of Cardiovascular Malformations Consortium Registry   | 6/1/16   | 5/31/19  | 339,102 |

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## Researchers identify genes linked to the effects of mood and stress on longevity

The visible impacts of depression and stress that can be seen in a person's face - and contribute to shorter lives - can also be found in alterations in genetic activity, according to newly published research.

In a series of studies involving both *C. elegans* worms and human cohorts, researchers from the Indiana University School of Medicine and the Scripps Research Institute have identified a series of genes that may modulate the effects of good or bad mood and response to stress on lifespan. In particular, the research pointed to a gene known as ANK3 as playing a key role in affecting longevity. The research was published online May 24 in the Nature Publishing Group journal *Molecular Psychiatry*, the top ranked journal in the field of psychiatry.

"We were looking for genes that might be at the interface between mood, stress, and longevity", said Alexander B. Niculescu III, M.D., Ph.D., professor of psychiatry and medical neuroscience at the IU School of Medicine. "We have found a series of genes involved in mood disorders and stress disorders which also seem to be involved in longevity.

"Our subsequent analyses of these genes found that they change in expression with age, and that people subject to significant stress and/or mood disorders, such as people who committed suicide, had a shift in expression levels of these genes that would be associated with premature aging and reduced longevity," said Dr. Niculescu, who is also attending psychiatrist and research and development investigator at the Indianapolis Veterans Affairs Medical Center.

The research began with studies in *C. elegans*, a worm widely used in life sciences research. An earlier study by one of the study co-authors, Michael Petrascheck, Ph.D., of the Scripps Research Institute, found that exposing *C. elegans* to the antidepressant mianserin, which is used to treat mood and stress disorders, extended the animal's lifespan.

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

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## REDCap offers data management for investigators and research teams

### What is REDCap?

**REDCap** stands for Research Electronic Data Capture. It's a data management tool offered by [Indiana CTSI](#) that allows users to build and manage online surveys and databases securely and easily.

### Why Use REDCap?

- **Fast** - Quick project start-up
- **Free** - Offered at no cost to research teams
- **Easy** - Intuitive user interface and work flow
- **Fully customizable** - You are in control of shaping your database
- **Secure** - HIPAA compliant
- **Web-based** - Log in from anywhere
- **Export data** - Data export function for Excel, SAS, Stata, R, and SPSS
- **Data import** - Data import capability through Microsoft Excel

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- **Multi-site access** - Can be used from multiple sites and institutions

If you have questions about REDCap, or need help setting up or managing a REDCap project, email [Indiana CTSI HUB Support](#). To request a REDCap account, use the [REDCap account request form](#).

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## Student News

### Student-led Doctor Camp/Camp MD is June 15-17 at Indy campus

Medical students, Nichole Landry and Crystal Heim have been hard at work creating an amazing experience for local students interested in science and health professions.

Doctor Camp/Camp M.D. is a student-led initiative supported by the [IU School of Medicine Office of Medical Service-Learning](#), in partnership with the [IU School of Medicine Health Professions Programs](#) and community partner, [Metropolitan Indianapolis-Central Indiana Area Health Education Center](#).

Scheduled for June 15-17 at the IUSM-Indianapolis campus, student leaders plan the curriculum, classes, and engaging activities that are fun for both the volunteers and students.

The Indianapolis Doctor Camp is a one-day summer program that encourages interest in science and medicine through fun, interactive learning. This program will take place June 15 and is designed for inner city and minority students, but is open to all students grades five through eight.

The Indianapolis Camp MD is a two-day Medical Detective workshop that explores all the health professions. This camp will take place June 16-17 and is designed for high school students with an interest in medicine or any health career.

"We hope to teach these students about medicine and help them understand the opportunities and the wide variety of career paths medicine has to offer," said Landry, "We are honored to have the opportunity to work with so many amazing partners and the chance to share with students our fascination with science and medicine."

This program began as a group initiative in 2001 and became a service-learning focused camp in 2007. This camp was IU School of Medicine's first student-led event in mini medical and health professions experience for high school-aged students. This year's theme is Blood and Cardiovascular Systems. Previous years have highlighted other vital body parts, including the brain, heart, and kidneys.

To read about last year's Doctor Camp/Camp MD at IUSM-Terre Haute, [click here](#).

Doctor Camp/Camp MD is a Medical Student Service-Learning group initiative. To learn more about this or other Service-Learning service initiatives, visit [mse.medicine.iu.edu/student-affairs/service-learning](http://mse.medicine.iu.edu/student-affairs/service-learning).

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### Student award winners announced at 2016 Senior Banquet

At the 43rd Annual Senior Banquet and Awards Ceremony on May 6, several students were recognized for

their professionalism, community service, civic engagement, and scholarship. To view all the student winners, along with students inducted into the Gold Humanism Honor Society, [📄 download the ceremony program PDF](#). To view awards presented previously, [📄 download the program insert PDF](#).

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## Opportunities

### Cultural competence workshops available for departments and Grand Rounds

The [IU School of Medicine Office of Diversity Affairs](#) offers a variety of workshops to increase awareness and education on cultural diversity and competence in trainees, with the goal of promoting delivery of more culturally competent and compassionate patient-centered care.

These workshops are available for all IUSM departments, and are ideal for meetings, grand rounds presentations, or professional development sessions. Topics include, but are not limited to:

- Cultural Differences and Mistrust: From Patient to Provider
- LGBT Healthcare Disparities 101
- LGBT Issues in Academic Medicine -- Implications for students, staff and faculty
- Micro Aggressions and Intercultural Communication Barriers
- Conscious and Unconscious Bias and Gender

To view a full list of topics or to schedule a workshop, visit the [Office of Faculty Affairs and Professional Development](#) website.

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### IUPUI Day Camps available now through Aug. 12

Need to arrange summer care for kids? IUPUI offers day camps for children ages 5 to 12 with a wide range of programming options, before and after care, highly qualified staff, and daily swim lessons at the IUPUI Natatorium. The campus run weekly now through August 12. To learn more or to register, visit [camps.iupui.edu](http://camps.iupui.edu).

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### Funding for therapeutic development, multi-investigator projects and early stage technologies

**Indiana Drug Discovery Alliance**

The **Molecular Therapeutics Program**, in association with the Indiana CTSI, is currently accepting applications for a program that will provide funds and essential consultation to support the early stage development of therapeutics. **Proposals are due July 1.** To learn more about this grant or to submit a proposal, visit the **Indiana CTSI** website.

### **IU Grant Linking University-wide Expertise Awards**

Indiana University, Bloomington, the Provost's Office and the Indiana CTSI are seeking applicants for the IU Grant Linking University-wide Expertise (GLUE) Award. The objective of the GLUE award is to support planning and team building across campuses to develop large multi-investigator and/or multi-project, milestone-driven, translational research teams who are planning to submit multi-year, extramural grant applications with annual budgets of \$500K or more in direct costs. **The letter of intent is due Aug. 5; the full submission deadline is Sept. 2.** To learn more about this opportunity or to submit a letter of intent, visit the **Indiana CTSI** website.

### **Technology Enhancement Awards**

A common critical gap in commercialization of technologies originating from the academic labs is the funding necessary to develop a robust commercialization relevant data package to reduce the risk of investment in early stage technologies. The Indiana CTSI and Indiana University School of Medicine through the office of the Associate Dean for Entrepreneurship and its Industry Collaboration Portal (ICP), are partnering with the newly created Indiana Center for Biomedical Innovation (ICBI) at IU Health to help fill this critical gap through a new support program, Technology Enhancement Awards (TEA), for early stage technologies. The technology may already reside in a start-up company or a clear plan exists to place it into a start-up. The New Program will partner with the highly successful SPARK program at Stanford University. **Applications are due July 8.** To learn more about this award or to submit a letter of intent, visit the **Indiana CTSI** website.

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## **Kudos**

### **IUSM grads from Gary create Grace Girls foundation to give back**

IU School of Medicine graduates Patrice Cates-Lonberger, M.D., '06, and Pamela Cates-Smith, M.D., '05, are creating a foundation called Grace Girls to advocate for and reach young girls in their hometown of Gary, Ind.

After graduating from Gary's Emerson School for Visual and Performing Arts, the sisters obtained pre-med degrees at Howard University in Washington D.C., ranking first and second respectively in their graduating class of 1998. At IU School of Medicine-Indianapolis, they each found their specialties. Dr. Cates-Lonberger now specializes in internal medicine and pediatrics at the Sidney and Lois Eskenazi Hospital, while Dr. Cates-Smith is an OB/GYN at Orlando Health in Florida.

Growing up in Gary, the twins had a fascination with helping others to be well. When their aunt died of cervical cancer, they both knew that careers in medicine, with a focus on giving back to the community where they grew up, would be the best way to help those in need. The foundation, Grace Girls, will focus on shepherding young girls through adolescence and teenage years, while helping to put them on a path to success.

To read the full story, visit the [NWI Times](#) online.

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## Partner News

### IU Simon Cancer Center's Cancer Research Day winners announced

Nearly 140 students, fellows, and faculty conducting cancer research at IUPUI, Indiana University-Bloomington, Purdue University, and the Harper Cancer Research Institute(a collaboration between the IU School of Medicine and the University of Notre Dame), presented during the IU Simon Cancer Center's Cancer Research Day on May 12. Cash awards for best posters by graduate students, post-doctoral/medical fellows, research technicians, and clinical nurses were presented. The [winners are posted online](#).

Cancer Research Day is an annual event that aims to increase understanding and awareness of IU Simon Cancer Center research endeavors and encourage collaboration with other cancer research institutions in Indiana. The call for abstracts for next year's Cancer Research Day will open in March 2017.

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### Regenstrief Data Core now a CTSI Designated Core

The Regenstrief Data Core was recently approved as a CTSI Designated Core. The Regenstrief Data Core has been a central resource for electronic health care data access for decades, and serves both the Regenstrief Institute and the IU School of Medicine.

The Data Core was initially founded by William Tierney, M.D., and has been responsible for numerous impactful publications in high-profile journals throughout biomedical sciences. The Data Core serves as the research resource for all requests for data from the Indiana Network for Patient Care and from other specialized sources.

Indiana CTSI Cores have demonstrated quality oversight, users that span departments and schools, and processes to monitor user satisfaction, and have established policies for publication and confidentiality. This designation as a CTSI Core additionally allows investigators to apply to the Data Core for CTSI Core Pilot Grant funds for their research.

"The acceptance of the Regenstrief Data Core as a Designated Core of the Indiana CTSI serves as a validation of the quality and impact of services provided by our group to the research community," said Timothy Imler, M.D., director of the Regenstrief Data Core and assistant professor of medicine at Indiana University. "This new designation opens up additional funding opportunities for investigators for utilization of these services and expands the impact of the vast quantities of clinical and research data that is available through partner institutions."

For more information about Indiana CTSI and the Regenstrief Data Core, and the resources available for conducting research, visit [www.indianactsi.org](http://www.indianactsi.org) and [www.ridata.org](http://www.ridata.org).

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## Indiana CTSI announces TL1 Postdoctoral Training Award recipients

The Indiana CTSI recently announced its 2016-17 TL1 Postdoctoral Training Award recipients. The awards, funded by the Indiana CTSI, with partial funding by the National Institutes of Health, National Center for Advancing Translational Sciences, Clinical and Translational Sciences Award, and institutional support, are focused on improving young scientists at the participating universities.

### The 2016-17 TL1 Postdoctoral awardees are:

- **Jason Collett, Ph.D.** (new), Department of Cellular and Integrative Physiology, IU School of Medicine, is investigating the use of human adipose stromal cells in the treatment of kidney injury and prevention of kidney disease.
- **Andrea Frump, Ph.D.** (renewal), Department of Pulmonology, IU School of Medicine, is studying molecular and translational approaches to right ventricular failure.
- **Erin Howe, Ph.D.** (new), Department of Biological Sciences, University of Notre Dame, is studying the role of Rab11b in breast cancer metastasis in the brain.
- **Patrick Quinn, Ph.D.** (renewal), Department of Psychological and Brain Sciences, IU, Bloomington, is analyzing large databases to study the causes and consequences of opioid and other substance abuse.
- **Abigail Weaver, Ph.D.** (new), Department of Chemistry and Biochemistry, University of Notre Dame, is developing an ex vivo assay to study microbial interactions in prosthetic joint infections.

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## Around Campus

### Gary – International Human Cadaver Prosection Program runs through July 28

The Summer 2016 International Human Cadaver Prosection Program, a unique medical program of Indiana University School of Medicine-Northwest-Gary, began May 31 and will continue through July 28.

This hands-on, innovative medical program is the only one in the country that allows non-physician and non-medical student participants the opportunity to become active volunteers in the IUSM-Northwest gross anatomy laboratory.

Fifty-five individuals have been selected to participate in the 2016 program, plus 15 student radiographers and ultrasonographers, and 20 instructional faculty members.

They will gain detailed knowledge of human anatomy, medical imaging, and wound suturing, as well as a greater understanding of tissue histology, embryology, prosthetics, orthotics, and orthopedics medical specialties.

The participants will prepare the body donors, known as “first patients,” for the Fall 2016 gross anatomy class



by removing the donors' skin and body fat to expose organs, muscles and other anatomical structures.

This is the 17th year for the program, which is under the direction of Ernest Talarico, Ph.D., associate professor of human gross anatomy and embryology. Participants will come from around the United States, as well as from Vietnam, Poland, Mexico, Argentina, and Canada.

*Among this year's group of prosectors and "first patients," there are some unique aspects:*

- Alexander Vlahu, of Munster, a second-year medical student, has twice published cutting-edge research on first patients focusing on kyphoscoliosis and giant hiatal hernia. This critical work was the first to show a measurable correlation between spinal deformity and gastric hernia. He continues additional clinical and radiographic research on first patient Joshua Pate, examining testicular cancer.
- Brittany Winn's grandmother was a first patient in the program, giving Winn -- now a team leader -- a very unique perspective on the educational approach.
- Patricia Kelly, of Munster, and her family have been involved in the program for the last four years. Patricia and her husband, William, were both first patients in this program. Patricia has left her final videotaped message for prosectors and student doctors that will be viewed during program, and her family will attend the memorial services in July.
- Ryan Brown, 18, of Hammond, would have graduated with the Class of 2016 from 21st Century High School in Gary. Brown, a double-heart transplant recipient, died during the final day of the Summer 2015 Prosection Program. He wanted his remains to come to this program because of its unique approach and research, so that he could help others. His mother, Tasha Jetson, is looking forward to helping Team 2016 make her son's wishes come true, and she will also be attending this summer's memorial service.
- Prosectors and the participating faculty are eager to get this research off to a running start. Judith Ann Wilson, of Florence, Ky., is the sister of Thomas Wilson, an instructor for the prosthetics and orthotic workshop. She donated her body so that she might help others who suffered, like her, from cerebral palsy. Her brother Thomas, has witnessed the "first patient" philosophy and will attend, not only to help learn from Judith, but to join in celebrating her life.
- Finally, Justin Golday, of Chesterton, returns for his fourth year in the program and second year as a team leader. As a father of a daughter with special medical needs, Golday was inspired to become a medical professional in hopes of helping children with similar issues. Being involved with a program such as the IHCPP, he was able to gain much more insight into the health care profession, and also a better understanding of what it means to families who lose a loved one. Just prior to his second year of participation in the IHCPP, his daughter passed away due to complications arising from her medical condition. Golday said he found much solace in being able to honor the donors, and their families, by carrying out their wish to provide students with the invaluable gift of knowledge of the human body; a gift that can only be given through this one-of-a-kind program.

### **Unique bonds and the "first patient" philosophy**

The IHCPP program is anchored in teaching gratitude, respect, and professionalism. In addition to learning basic anatomy, participants will celebrate human dignity.

In accordance with the “Talarico Protocol for Human Gross Anatomy,” (*Clinical Anatomy Journal*) donors in the laboratory are treated with the same dignity and consideration that living patients would expect to receive from their physician.

Participants are reminded that the donors have essentially become “first patients” for them and for the fall medical students who will follow. This means that donors should be referred to by their names.

Additionally, as part of the “Talarico Protocol,” summer participants are given the opportunity to correspond with families of the donors. It is an experience, Talarico says, that can have a fundamental impact on participants’ future interaction with patients.

For more information, visit [iusm-nw.medicine.iu.edu](http://iusm-nw.medicine.iu.edu)

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## Indy – Indiana Health Workforce Summit is June 29

The [Bowen Center for Health Workforce and Research Policy](#) will host the Indiana Health Workforce Summit on Wednesday, June 29 from 8 am to 4 pm at University Tower.

The health workforce forms the intersection of science and health care delivery, and it’s a crucial element in efforts to improve quality of care and control of health care spending. Delivery system reforms cannot succeed without attention to the workforce that will carry out the changes. This summit will allow attendees to provide feedback on current health workforce data visualization initiatives.

At the conclusion of this program, participants should be able to:

- Discuss and assess the latest research on physician workforce supply and demand
- Describe workforce implications of new health care delivery models such as the medical home and team based care
- Integrate new research methods for measuring workforce supply and demand

This course will offer 6.25 CME credits for IU School of Medicine faculty.  [Download the flyer](#) to learn more about the summit and its course objectives. To register, visit the [Division of Continuing Medical Education](#) webpage.

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## South Bend – Dominique Wilkins to headline SBC Century Speaker series

Dominique Wilkins, nine-time NBA All-Star and Hall of Famer, will headline the South Bend Clinic Century Speaker Series on Wednesday, June 15 at 7:30 pm at the [Century Center’s Bendix Theater](#).

The speaker series is the latest event in the South Bend Clinic’s year-long [Century Celebration](#). The series will continue with South Bend Clinic doctors on June 22 and June 29 at 7:30 pm at the IU School of Medicine-South Bend.

On June 22, SBC presents, “Diabetes: Our Local Story.” This night’s presentation will include an overview of diabetes, the symptoms and new treatments, how the way we eat, not only what we eat, can prevent or

reverse early type II diabetes.

On June 29, SBC presents, “Hot Topics in Medicine.” This night’s speakers will take on topics, including cutting through the confusion of food allergies and gluten, new treatments for osteoporosis, and the latest in cancer care.

All talks are free and open to the public. To learn more, visit [southbendclinic.com](http://southbendclinic.com).

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