



Weekly news for faculty, staff and students from
the [Indiana University School of Medicine](#)

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News to Use

IUSM Diversity Week speaker's series expanded throughout January

The 13th annual Diversity Week speaker's series has been expanded to include an entire month of programming.

The month will kick off from noon to 1 p.m. Monday, Jan. 12, in Walther Hall (R3) Auditorium with a presentation by **Deborah Deas**, M.D., MPH, professor of psychiatry and interim dean of the college of medicine at Medical University of South Carolina.

Under Dr. Deas' leadership, the number of underrepresented-in-medicine faculty members at the Medical University of South Carolina has doubled -- and the number of underrepresented residents has quadrupled. The school's successful pipeline and mentoring programs are considered national exemplars.

Each lecture in the Diversity Month series features different perspectives on diversity and inclusion in health and medicine. Additional events include:

Jan. 21: **Terrell Strayhorn**, Ph.D., professor and director of the Center for Higher Education Enterprise at the Ohio State University, will speak on developing a sense of belonging among students as a key to educational success from noon to 1 p.m. in the Eskenazi Hospital Auditorium.

Jan 22: The IUPUI Office of Social Justice Education will present Safe Space Training for all faculty, learners, and staff interested in developing welcoming environments for LGBT individuals from 4 to 6 p.m. at the Glick Eye Institute.

Jan. 23: **Kameron Leigh Matthews**, M.D., JD, chief medical officer of the University of Illinois Health Mile Square Health Center and co-director of the **Tour of Diversity in Medicine**, will speak on mentoring,

recruitment and retention of medical students from noon to 1 p.m. in a location to be announced. Dr. Matthews will also appear at 5:30 p.m. in the Eskenazi Hospital Rapp Conference Room as a participant in "The Physician's Role as Community Trustee: Intersections of Health and Community Responsibility," a panel discussion serving as a forum to brainstorm long-term solutions to racial equities that plague the nation's healthcare system. This event is co-sponsored by the IUSM Office of Diversity Affairs in collaboration with the IUSM Diversity Council and IUSM Office of Graduate Medical Education.

Jan. 28: Jonathan Warus, M.D., a resident in pediatrics, will present "LGBT Health Disparities and Clinical Strategies" from 8 to 9 a.m. Wednesday, Jan. 28, in the Riley Outpatient Center Auditorium.

Jan. 29: [Mary Guerriero Austrom](#), Ph.D., Wesley P. Martin professor of Alzheimer Disease Education and professor of clinical psychology at the IU School of Medicine, will present a Stepping Stones of Women in Leadership conversation from 11:45 a.m. to 1 p.m. at a location to be announced. Dr. Austrom also serves as an associate dean of Diversity Affairs and chair of the committee on faculty development and diversity in the Department of Psychiatry at the IU School of Medicine.

Diversity Week will culminate with an open house on the afternoon of Thursday, Jan. 29, in the Office of Diversity Affairs, VanNuys Medical Science Building, Room 209. Attendees can come and go as they please.

Established in 2003, the IUSM Diversity Week speaker series was created to focus attention to the issues of diversity in medical education, including disparities in health care access, infant mortality rates and the lack of underrepresented minorities in U.S. medical schools and in practice. The program aims to create an open and honest dialog between minority and non-minority students, faculty, community leaders and patients.

All events are free and open to the IUSM community. Continuing Medical Education credits will be available. Refreshments will be provided at all presentations.

Registration is encouraged but not required at the [Office of Diversity Affairs website](#).

These events are sponsored by the IUSM Office of Diversity Affairs in partnership with the IUSM Diversity Council and IUSM Office of Faculty Affairs and Professional Development.

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InScope publication schedule reminder

Due to the holidays, InScope will not publish on Dec. 25 or Jan. 1. InScope returns on Thursday, Jan. 8.

Please consider this publication schedule when submitting your news. The deadline for [InScope submissions](#) is 8:30 a.m. Tuesdays.

For more information, contact scopemed@iupui.edu.

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Research News

IU scientists receive \$1.9 million to advance research on Toxoplasma parasite

The National Institutes of Health has awarded a \$1.9 million to IU School of Medicine researcher William Sullivan, Ph.D., to find new ways to attack Toxoplasma, a dangerous parasite that infects an estimated 60 million people in the United States.

For most people Toxoplasma infection produces flu-like symptoms or no symptoms at all. However, for people with immune system deficiencies the disease can cause serious effects including lung problems, blindness and seizures. Also, infants born to mothers who are infected for the first time during or shortly before pregnancy are at risk for severe complications, miscarriages or stillbirths. The parasite becomes a chronic infection by transforming itself into a latent cyst that evades the immune system.

The five-year grant will enable Dr. Sullivan and his team to build on more than a decade of research that began with a simple question: How do the parasites turn genes on and off, which is key to the transformation to the latent state?

The new grant will enable Dr. Sullivan and colleagues to better understand an enzyme named GCN5b, which the team's earlier research found to be necessary for the parasite to replicate, and helps turn on genes needed for the parasite to go latent.

For more information, visit the [IUSM Newsroom](#).

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Indiana CTSI awards fuel search for potential new drugs

The Indiana Clinical and Translational Sciences Institute **recently awarded more than \$100,000** to researchers seeking to identify new therapeutic agents for potential development as future drugs. The funded projects will target conditions such as cancer, drug-resistant infections and chronic pain.

The grants are the first from the **Indiana Drug Discovery Alliance**, a central access point for statewide drug discovery and development resources established this year by the Molecular Therapeutics Program of the Indiana CTSI. The institute is a National Institutes of Health-funded collaboration of Indiana University, Purdue University and the University of Notre Dame.

The objective of the Indiana Drug Discovery Alliance is to promote and support promising early-stage drug-discovery research and facilitate collaborative translational research partnerships. With drug discovery expertise from each of the Indiana CTSI partner universities as well as Eli Lilly and Co., the alliance's advisory committee is identifying complementary expertise and critical resource facilities across these institutions.

The 2014 Indiana Drug Discovery Alliance grant recipients are:

- **Theodore Cummins**, Ph.D., of the IU School of Medicine.
- **Chang-Deng Hu**, M.D., Ph.D., of Purdue University.
- **Julia C. Van Kessel**, Ph.D., of IU Bloomington. **Laura C. Brown**, Ph.D., also of IU Bloomington, is a collaborator on the project.
- **Tao Lu**, Ph.D., of the IU School of Medicine.
- **Samy Meroueh**, Ph.D., of the IU School of Medicine. **Clark D. Wells**, Ph.D., also of the IU School of Medicine, is a collaborator on the project.

- **Maria Teresa Rizzo**, M.D., of the IU School of Medicine. Collaborators on the project are **Mingji Dai**, Ph.D., of Purdue; and **Karen Pollok**, Ph.D., and **Aaron Cohen-Gadol**, M.D., of the IU School of Medicine.
- **Stanley Spinola**, M.D., of the IU School of Medicine
- **Jingwu Xie**, Ph.D., of the IU School of Medicine

Grant recipients were chosen from more than 30 applicants. Many projects involve the rapid analysis of tens of thousands of potential chemical compounds that have a powerful effect on some aspect of the disease under investigation. These compounds can then be marked for additional investigation and potential development as drugs.

For more information, visit the [IUSM Newsroom](#).

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IU and Regenstrief study named landmark article

A study from the Indiana University Center for Aging Research and the Regenstrief Institute been **named one of 27 landmark articles in geriatric medicine** over the past 20 years by the Journal of the American Medical Association.

"Identifying Landmark Articles for Advancing the Practice of Geriatrics," which highlighted the 2007 GRACE study as groundbreaking and influential work, appears in the November 2014 issue of the Journal of the American Geriatrics Society. GRACE is short for Geriatric Resources for Assessment and Care of Elders.

GRACE is a unique home-based geriatric care program designed by IU Center for Aging Research, Regenstrief and Eskenazi Health (formerly Wishard Health Services) researchers to keep older adults in their homes, resulted in higher-quality medical care, improvement in quality of life and fewer emergency department visits for a medically and economically vulnerable population. The core elements of GRACE can be effectively used by various types of health care systems and the IU Geriatrics GRACE Training and Resource Center currently engages over 300 physicians nationwide to use the home-based care model now officially known as GRACE Team Care, including at several hospitals in the Veterans Affairs health care system. Blue Cross Blue Shield of Michigan has made GRACE Team Care training the foundation of its High Intensity Care Management program.

Authors on the study are Steven R. Counsell, M.D., Mary Elizabeth Mitchell Professor of Geriatrics; Christopher M. Callahan, M.D., Cornelius and Yvonne Pettinga Professor of Medicine; Daniel O. Clark, Ph.D., assistant research professor of anatomy and cell biology; and Wanzhu Tu, Ph.D., of the IU School of Medicine. professor of biostatistics, all of the IU School of Medicine; Timothy E. Stump; Gretchen D. Ricketts, of the IU Center for Aging Research and Regenstrief Institute; and Amna B. Buttar, M.D., of the University of Wisconsin Medical School-Madison. Drs. Counsell, Callahan, Clark and Tu are also members of the IU Center for Aging Research and Regenstrief Institute.

For more information, visit the [IUSM Newsroom](#).


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Faculty and Staff News

Faculty volunteers sought for medical student education trip to Vietnam

The IUSM Medical Missions Student Interest Group, or MMSIG, is seeking interested faculty to participate in its fifth annual service learning experience in Vietnam from May 16 to 23, 2015.

As a multidisciplinary team of medical, surgical, and dental faculty and students, MMSIG will continue its sustained partnership with two local hospitals in Ho Chi Minh City, Vietnam, where for the past four years the group has provide medical care, training and education in both the hospital setting and surrounding rural areas. All medical and surgical disciplines, both general and subspecialties, are welcome and needed.

For more information, see the  [complete trip briefing](#). Interested faculty are asked to contact MMSIG at mmsig@iupui.edu or Nick Race, MMSIG president, at nsrace@iupui.edu.

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Kaplan and O'Neil named fellowship directors

The Office of Graduate Medicine Education recently announced the appointment of two new fellowship directors.

- **F. Thomas Kaplan**, M.D., volunteer clinical associate professor of orthopaedic surgery, has been named director of the fellowship in hand surgery. This fellowship program has been educating specialists in hand surgery at the IU School of Medicine since 1991.
- **Kathleen O'Neil**, M.D., professor of pediatrics, has been named program director for the fellowship in pediatric rheumatology. This fellowship program has been educating specialists in pediatric rheumatology at the IU School of Medicine since 2004.

Both fellowship programs are accredited by the Accreditation Council for Graduate Medical Education.

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Opportunities

New GLUE grants seek to connect experts across campuses -- RFA due Feb. 20

A new joint grant initiative between the Indiana Clinical and Translational Sciences Institute and the Office of the Provost at IU Bloomington is currently seeking applications.

The IU Grant Linking University-wide Expertise, or GLUE, Awards will provide up to \$100,000 to support the cross-campus development of multi-investigator and/or multi-project translational research teams that aim to submit multi-year extramural grant applications with annual budgets of \$500,000 or higher, e.g.: NIH Project

Planning Grants, "U series" grants, multi-PI R01s, Small Business Technology Transfer grants or Specialized Programs of Research Excellence grants.

Proposed projects should bring together two or more scientific teams who will develop appropriate administrative and technical "core" supports. Projects at any stage of their development will be accepted for review.

Eligible applications must include a full-time, tenure track a primary investigator from IU Bloomington. Other team members should be from IUPUI or the IU School of Medicine. Team members from other CTSI partner institutions (Purdue or Notre Dame) also will be considered.

Applications are due online 4 p.m. **Friday, Feb. 20, 2015**. To apply, visit [Indiana CTSI's website](#) and log in using your institutional username and password.

Questions to Anne Nguyen (IUPUI) or Yvonne Lai (IU Bloomington) at ictsi@indianactsi.org.

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Indiana Spinal Cord and Brain Injury Research Fund applications due Feb. 9

Applications are sought for the [Indiana Spinal Cord and Brain Injury Research Fund](#), a state grant program established in 2007 to support research related to treatment and cure of spinal cord and brain injuries.

Proposals should be related to research on the prevention, treatment and cure of spinal cord and brain injuries, including acute management, medical complications, rehabilitative techniques and neuronal recovery.

Eligible applicants must be based in Indiana and have the education, skills, knowledge and resources necessary to carry out the proposed research. (This includes public and private universities, nonprofit organizations and business.) Collaborations are encouraged with Indiana-based researchers as well as researchers located outside the state of Indiana, including researchers in other countries.

The maximum requested amount per application should not exceed \$80,000 per year for up to two years (\$160,000 maximum). Proposed projects should not exceed two years.

Complete application guidelines are online. To apply, visit the Indiana CTSI [grants portal](#) and enter your institutional username and password. Applications instructions are located under "Indiana Spinal Cord and Brain Injury Research Fund Grant - 2015.02 (SCBI)."

Applications are due **5 p.m. Monday, Feb. 9**. Questions to Julie Driscoll at ictsi@iu.edu.

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Young investigator and postdoctoral training awards -- applications sought

Young Investigator Awards in Clinical and Translational Research -- Due Jan. 21

Applications for the Indiana CTSI's Young Investigator Awards in Clinical and Translational Research are due **4 p.m. Wednesday, Jan. 21**.

These awards are designed to provide promising junior investigator faculty with the opportunity to be mentored in research-intensive multi-disciplinary settings toward the goal of developing careers in clinical-translational research.

Eligible candidates are clinician-scientists with a doctoral degree (physicians, nurses, dentists, pharmacists, clinical psychologists, optometrists, veterinarians, allied health care professionals, etc.) or basic scientists with a Ph.D. engaged in translational research with high potential for early translation into impacting patient care.

Benefits include partial salary support, as well as tuition and fees for required and elective coursework, pilot research monies and travel funds. Awards will begin May 1.

Complete application guidelines are online. To apply, visit the Indiana CTSI [grants portal](#) and enter your institutional username and password. Applications instructions are located under "CTSI Young Investigator Award in Clinical - Translational Research - 2015.01 (KL2)."

Questions to Donna Burgett at dfburget@regenstrief.org.

Postdoctoral training awards in translational research applications -- due Jan. 30

Applications for the Indiana Clinical and Translational Sciences Institute postdoctoral training awards in translational research are due **5 p.m. Friday, Jan. 30**.

These awards are aimed at postdoctoral students whose research is at any point along the translational research spectrum. Candidates must have received a Ph.D. or equivalent doctoral degree from an accredited domestic or foreign institution with no more than three years combined experience as a postdoctoral fellow in academia or industry.

Funding is for two years with the second year of funding contingent upon review. Benefits include salary support and health insurance. Awards will start July 1.

Complete application guidelines are online. To apply, visit the Indiana CTSI [grants portal](#) and enter your institutional username and password. Applications instructions are located under "CTSI Postdoctoral Training Awards in Translational Research - 2015.01 (TL1)."

Questions to Andrew Bullock, Ph.D., at sabullock@nd.edu.

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IUSM internal grants and Showalter Trust applications due Jan. 9

IUSM Internal Grant Applications

The application deadline for the following IUSM internal grant programs is **5 p.m. Friday, Jan. 9**.

- **Biomedical Research Grant**
- **Research Enhancement Grant**

For more information and application forms, visit the links above (IU login required).

Showalter Trust Applications

Applications are open for grant awards from the Ralph W. and Grace M. Showalter Research Trust. The areas of eligible biomedical research are broad and described by the benefactors as "the type of medical research that is most likely to permanently benefit mankind." Donor intent prohibits the use of Showalter Trust funds for research in psychiatry, sociology, or social studies.

Applications for funding will be reviewed in two stages. An initial review by the IUSM Biomedical Research Committee will select the most meritorious proposals for further discussion and ranking. The committee will then provide a recommended ranking to the Showalter Trustees who conduct a second review. Final funding decisions are made by the Showalter Trustees.

The deadline for applications is **5 p.m. Friday, Jan. 9.**

For more information and application forms, visit the [IUSM Research Administration SharePoint site](#) (IU login required).

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Kudos

IUSM faculty named Patient Safety Heroes

Four IU School of Medicine faculty members are among the recipients of 2014 Indianapolis Patient Safety Hero Awards from the Indianapolis Coalition for Patient Safety.

These individuals and teams were recognized for making a difference to enhance patient safety in Indianapolis hospitals.

- Elaine Cox, M.D., professor of clinical pediatrics; Paul Haut, M.D., associate professor of pediatrics; and Michele Saysana, M.D., assistant professors of clinical pediatrics, of the Children's Hospitals Solutions for Patient Safety Prevention Team Prevention Team at Riley Hospital for Children at IU Health, were named in the IU Health category.
- Palmer MacKie, M.D., assistant professor of clinical medicine, was named in the Eskenazi Health category.

Margie McCaskey, RN, a member of the team at IU Health, was also honored. Individuals and teams from Franciscan St. Francis Health, Community Health Network, Richard L. Roudebush VA Medical Center and St. Vincent Health were also recognized.

[The Indianapolis Coalition for Patient Safety, Inc.](#) is a collaboration between all the major health care systems and provider networks in the city, with the common goal of improving the safety and quality of the Indianapolis health care system, to make it the safest in America.

The awards were given during a ceremony on Nov. 24 at the Eli Lilly Corporate Center. This is the 10th year that the Indianapolis Coalition for Patient Care has recognized Patient Safety Heroes within the Indianapolis community.

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