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IUSM research helps spark $370 million in economic activity

A study by the Association of American Medical Colleges has found that public research funds received by IUSM and its partner hospitals boosted the state economy by about $370 million in 2009. The report, prepared with the consulting firm Tripp Umbach, estimated the direct economic impact of federal and state-funded research funding to the IUSM was $142.5 million, representing institutional spending, employee spending and spending by visitors related to research activity. The indirect effect of that spending on the state economy added another $228 million in economic activity.

In addition, AAMC estimates that 2,470 jobs in Indiana were supported by that research-driven economic activity. The impact of additional economic activities—such as the IU Research and Technology Corporation, which has created 21 businesses over the past 10 years based on IUSM discoveries—is not reflected in the report.

IUSM received nearly $138 million in federal and state funding for research programs in Fiscal Year 2009.
Medical school earns support from the Gates Foundation

IUSM will receive additional funding through Grand Challenges Explorations, an initiative created by the Bill & Melinda Gates Foundation that enables researchers worldwide to test unorthodox ideas that address persistent health and development challenges.

The grant will support Andy Qigui Yu, M.D., Ph.D., assistant professor of microbiology and immunology, whose global health research project is entitled "A Novel Therapeutic Strategy to Eradicate HIV Infection."

Grand Challenges Explorations funds scientists and researchers worldwide to explore ideas that can break the mold in how we solve persistent global health and development challenges. Dr. Yu’s project is one of nine Grand Challenges Explorations Phase II grants announced Nov. 7.

For more information, see the IUSM Newsroom.

IUSM Orchestra Fall Concert — Nov. 13

The IU School of Medicine Orchestra will perform a fall concert at 2 p.m. Sunday, Nov. 13, at the Indiana History Center, 450 W. Ohio St.

The concert will feature the musically talented medical students, residents, faculty and staff of IUSM, performing a symphony by Mozart, a brass ensemble, and selections from The Nutcracker.

This event is free and open to the public. A short coffee and cookie reception will follow the performance. Parking will be available in the lot north of the building accessible from New York Street.

The concert is sponsored by the IUSM Office of Medical Service Learning and IUSM Alumni Association.

Rothenberg represents medical school on arts council

Jeffrey M. Rothenberg, MD, clinical associate professor of obstetrics and gynecology, will represent the IU School of Medicine on the IUPUI Arts and Humanities Council, a new program established two years ago to administer internal grants supporting faculty research and creative work.

The new institute will allow IUPUI to showcase the arts and humanities as a vital part of its intellectual life, as well as serve as a liaison between IUPUI and the community in promoting their contributions to the vibrancy of the city. It will also support individual faculty, groups and interdisciplinary teams in
their pursuit of research and creative activity through grant programs and educational experiences, including academic curricula in the arts and humanities across campus.

The IUPUI Arts and Humanities Institute is overseen by Kody Vahrahmyan, vice chancellor for research at IUPUI.

IUPUI Staff Council meeting — Nov. 16

The next IUPUI Staff Council meeting will be from 3 to 4 p.m. Wednesday, Nov. 16, in the IUPUI Library Ruth Lilly Auditorium.

A 2011-2012 meeting schedule is online at www.iupui.edu/~scouncil/meetings.

Veterans to discuss impact of limb loss

The School of Liberal Arts Sabbatical Speaker Series will present a talk on the impact of amputation on U.S. veterans from 4:30 to 5:30 p.m. Tuesday, Nov. 15, in the IUPUI Campus Center, room 268.

Carrie Foote, PhD, professor of society, will present “Surviving the Wounds of War: Remarkable Stories of Vietnam Veteran Amputees.” This lecture will focus on how limb loss affects the lifelong experiences of veterans from Iraq and Afghanistan, many of whom are surviving increasingly severe injuries due to advances in medicine.

The event will include first person accounts as told by Vietnam veteran amputees.

To RSVP, email libarsvp@iupui.edu with "Foote talk" in the subject line.

Learn about service dogs in medicine

A session on the role of service dogs in a medical setting will be from 12:30 to 1:30 p.m. Tuesday, Nov. 15, in the Education/Social Work Building Commons (fourth floor).

Greg Hollin, vice president of the Association for Humane Dog Training and founding member of the Hoosier Canine Professionals National K9 Trainers Association, will discuss how service dogs provide medical assistance, including helping patients cope with trauma or emotional problems, recognize symptoms and provide a calming influence during panic attacks, remind clients to take medication, bark for help, dial 911 and provide walking assistance.

This event will be presented by the Master of Social Work Student Association. Refreshments will be served.
Surgeon to discuss teaching in the operating room

The Academy of Teaching Scholars will present “Teaching in the Operating Room” from 11:30 a.m. to 1 p.m. Wednesday, Nov. 16, in the Daly Student Center, room 186.

This session will explore the challenges of teaching in the operating room. Laura Torbeck, PhD, associate professor of surgery and vice chair for education, IU School of Medicine Department of Surgery, will equip participants with a tool to improve their intraoperative teaching for learners.

Lunch will be served. Register at faculty.medicine.iu.edu/events.asp.

Seminar to focus on autophagy — Nov. 16

The Department of Medical and Molecular Genetics will present a seminar from noon to 1 p.m. Wednesday, November 16, in Walther Hall (R3), room 203.

Xiao-Ming Yin, MD, PhD, Mazzini Professor of Pathology, will present “Autophagy: A Genetic Program Important for Intracellular Homeostasis.”

This event will be hosted by Nuria Morral, PhD, associate professor of medical and molecular genetics and biochemistry and molecular biology.

Depression Therapy in Older Adults

Jeanne Dickens, MD, associate professor of psychiatry, will present “Depression Therapy in Older Adults” from 7:30 to 8:30 a.m. Wednesday, Nov. 16, in Wishard Hospital, room T-2008A/B.

A board certified geriatric psychiatrist, Dr. Dickens, will explore pharmacologic, psychotherapeutic and other treatment interventions in major late-life depressive syndromes, the goals of which are to promote both the remission of symptoms and minimization of recurrence risk. Topics will include recommended uses of antidepressant medications, treatment procedures such as ECT and TMS, problem-solving and interpersonal therapies, and referrals to subspecialty providers.

CME credit will be available. Questions to lajmars@iupui.edu.

Workshop to focus on imaging science

The IUPUI Center for Research and Learning will present an imaging research workshop from 9 a.m. to 3 p.m. Thursday, Nov. 17, in the Walther Hall (R3) auditorium.

This workshop will raise awareness of the broad spectrum of imaging research activity on campus. Jane Silverthorne, PhD, acting director for the division of integrative organismal systems, from the
National Science Foundation, will deliver a keynote presentation about new NSF initiatives and opportunities.

This event also will include short oral presentations from IUPUI faculty, a poster session open to all IUPUI investigators and students, and a series of breakout sessions. The objective of each breakout session is to identify imaging research opportunities at IUPUI and assess our current ability to exploit these opportunities.

This event is presented by the IUPUI Imaging Research Council. For more information or to register, visit this page.

Discover how to find community health data

The Indiana Public Health Training Center at IUSM will present “Getting the Data You Need” from 8 to 9:30 a.m. Thursday, Nov. 17, in Education Research Institute Building, 714 N. Senate Ave.

This Public Health Cafe will focus on how to identify and utilize resources that guide community health research and evaluation activities, with a focus on the Community Health Information Resource Guide. Presenters include the Indiana CTSI Community Health Engagement Program (CHEP), the Polis Center and the Indiana State Department of Health.

To register, visit www.publichealthconnect.org/Events. To see the Community Health Information Resource Guide, see www.indianactsi.org/site/chep/resourceguide.pdf.

Infectious disease lecture to focus on HIV

Department of Medicine Grand Rounds will present the 13th Annual Arthur C. White Lectureship in Infectious Diseases from noon to 1 p.m. Friday, Nov. 18, in Wishard Memorial Hospital, Myers Auditorium.

Paul Volberding, MD, professor and vice chair of medicine and co-director of the Center for AIDS Research at the University of California at San Francisco will present “HIV Care and Research: Gains and Remains.”

Dr. Volberding also serves as director of medical services at the San Francisco VA Medical Center.

Seminar on pharmacogenetics — Nov. 23

The Department of Public Health will present a seminar from noon to 1 p.m. Wednesday, Nov. 23, in Fairbanks Hall, room 1109-1111.

Bruce Psaty, MD, PhD, MPH, a general internist and cardiovascular epidemiologist from the University of Washington, will discuss "Pharmacogenetics, progress, and challenges: the view of an epidemiologist."
This event will be hosted by Jennifer Wessel, PhD, MPH, assistant professor of public health and medicine, IUSM.

AAMC president to address IUSM

Darrell Kirch, MD, president and CEO of the Association of American Medical Colleges, is delivering two lectures on Thursday, Dec. 1. A presentation geared toward students, fellows and residents will be from noon to 1 p.m. in Walther Hall (R3), room 303/305. A public conversation will be from 5:30 p.m. to 7 p.m. in the IUPUI Campus Center, room 450. A reception will precede this talk at 4:30 p.m.

Driven by the question, “Can Anyone Fix Health Care?,” Dr. Kirch will discuss how IUSM and academic medicine at large can respond to this leadership imperative and accomplish true health care reform.

Dr. Kirch’s visit is supported by the IUPUI Center for Teaching and Learning and the IUSM Office of Faculty Affairs and Professional Development. These events are free and open to the IUSM and IUPUI communities.

For information or to register, visit faculty.medicine.iu.edu.

News from the Indiana CTSI

The Indiana Clinical and Translational Sciences Institute (CTSI) has released the latest issue of its bimonthly newsletter.

The November 2011 issue includes information about the Indiana Biobank, a statewide blood and tissue sample collection system for researchers at IU, Purdue and Notre Dame supported by the IUSM Physician Scientist Initiative; a story about anti-cancer research in Africa by an IUSM physician and an introduction to the new co-director of the Indiana CTSI Community Health Engagement Program, as well as updates on open grant opportunities, community outreach activities and other events. To learn more, visit www.indianactsi.org/newsletter.

A separate newsletter also is available from the Indiana CTSI Translational Technologies and Researches Program with information that includes a feature on new generation sequencing technologies available to researchers at IU, Purdue and Notre Dame. For more information, visit www.indianactsi.org/news/ttrnewsletter.

To subscribe to future issues of the Indiana CTSI newsletter, go to www.indianactsi.org/subscribe.
Update your emergency alert information


IU faculty, staff and students are encouraged to visit IU-Notify to review, verify, update and add contact information to ensure that they will receive IU Notify messages in the event of an emergency. Log into OneStart at onestart.iu.edu to see a prompt concerning update your information. Also be sure to get additional alerts and information via www.facebook.com/IUEMC and Twitter at twitter.com/IUEMC.

IU Emergency Management and Continuity personnel will test IU-Notify each spring and fall to make certain that notification of an emergency will be delivered to each person across the university community in a number of ways.

More information about IU-Notify and other IU emergency resources, visit emergency.iu.edu and protect.iu.edu.

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Online postdoc jobs database available

The Office of Postdoctoral Affairs is offering a centralized, searchable database to enhance the recruitment of quality postdocs and the ease of managing positions.

Through this system departments can:

• Post, remove, monitor and repost positions, including application deadlines
• Save job descriptions for duplication during future recruitment needs

Also through this system prospective postdocs can:

• Access all postdoc opportunities at IUSM in a centralized database
• Search positions by keyword and primary investigator (PI) name

To use the system, visit www.postdoc.medicine.iu.edu and select the “faculty” section. An account is required to use this system, after which the user may simply log in to manage job posting.

Questions to postdocs@iupui.edu, or contact Patricia Gallagher, associate dean for graduate studies, at 274-3441 or pgallag@iupui.edu.

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Open enrollment ends Nov. 18

Several information sessions to review health insurance materials for full-time academic staff and employees remain before open enrollment closes Friday, Nov. 18.

The final session on the High Deductible Health Plan PPO and Health Savings Account will be and 1:30 to 3 p.m. Tuesday, Nov. 15, in the IUPUI Campus Center, room 307.
Also offered will be several satellite benefit offices for employees who wish to speak directly to a benefit specialist about the open enrollment process also remain. They will be from 9 a.m. to 4 p.m. Nov. 14 and 16 in Taylor Hall, room 2164, and from 3:30 to 5 p.m. Nov. 19, in the Dental School, room 115. Employees may also request assistance with online enrollment at these events.

A complete schedule of information and satellite office sessions, including sessions at IUPUC in Columbus, IN is available at www.hra.iupui.edu. These sessions are presented by IUPUI Human Resources Administration. Questions to 274-4596 or benefits@iupui.edu.

Smoking cessation assistance

“No BUTT About It,” a smoking cessation program, will be from 6 to 7 p.m. Wednesday, Nov. 16, in the IUPUI Campus Center, room 148.

This event will include tips and tricks on how to quit smoking, as well as offer free smoking cessation kits. Lynne Arrowsmith, a tobacco prevention specialist from the Marion County Health Department, will speak.

This event is sponsored by Student Health Services, a part of the IUPUI Division of Student Life. Questions to Emily Werner at 274-WELL or wernere@iupui.edu.

Petition against GME funding cuts

A form from the American Association of Medical Colleges to request against proposed cuts to Graduate Medical Education (GME) from Medicare is online.

The Joint Select Committee on Deficit Reduction, also known as the “Supercommittee,” opposing significant cuts to Medicare and GME. The form will send a letter to the signer’s local representative.

To view the petition, visit capwiz.com/aamc/home.

This week on Sound Medicine

This week on Sound Medicine, independent producer Scott Goldberg visits an African-American church in Baltimore where the Johns Hopkins Bloomberg School of Public Health has teamed up with the local community to reduce obesity levels among parishioners.

Also learn about a new method to prevent liver transplant rejection, plans to overhaul human subjects protections from the National Institutes of Health and a recent controversy over prostate cancer screenings. Sound Medicine airs Sunday, Nov. 13, at 2 p.m. on WFYI, 90.1FM.
**Sound Medicine** is an award-winning radio program co-produced by IUSM and WFYI Public Radio. It is underwritten by IU Health Physicians and IUPUI. Reports on Primary Health Care topics are sponsored by Wishard Health Services.

For more information or to listen online, see the **Sound Medicine** website.

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**MBA support for Indiana CTSI services — request for applications**

The Indiana Clinical and Translational Sciences Institute and IU Kelley School of Business are accepting applications for their third annual Indiana CTSI-IU Kelley MBA Core and Project Business Management Assistance program.

This program provides a team of two to five MBA students from the IU Kelley School of Business to research technology services for assistance in areas such as project management, marketing, and financial and resource planning. Participants may engage MBA students for seven to eight weeks or 15-16 weeks. MBA students will present their plans at a capstone event Feb. 24.

Cores, resources and units providing a central service to Indiana CTSI investigators are eligible. For complete guidelines and application forms, visit [www.indianactsi.org/grants](http://www.indianactsi.org/grants), log in with your institutional ID and password, and select “CTSI - IU Kelley MBA Business Management Assistance.”

Application deadline is **11:59 p.m. Tuesday, Nov. 15**. Reviews will be completed by Nov. 30. Questions to Jessica Lapsia at jlapsia@iupui.edu or Lilith Reeves at lreeves@iupui.edu.

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**Simulation Center to host teamwork seminar — Nov. 29**

A teamwork seminar for health care professionals will be available from 8 a.m. to noon Tuesday, Nov. 29, in the Simulation Center at Fairbanks Hall.

TeamSTEPPS is a teamwork course designed to help improve patient safety within an organization. This evidence-based system is designed to improve communication and teamwork skills as well as provide ready-to-use teamwork materials and curriculum.

Developed by the Department of Defense's Patient Safety Program in collaboration with the Agency for Healthcare Research and Quality, TeamSTEPPS is scientifically rooted in more than 20 years of research and lessons from the application of teamwork principles.

This is a free workshop. Questions to Kathy Johnson at 963-7606 or simulationcenter@iuhealth.org.

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Rural health conference — request for speaker topics

The Indiana Rural Health Association invites individuals with an interest in rural health to submit concurrent session ideas for presentation at the IRHA's 15th annual conference, “Rural Health: Partnering for Better Communities,” June 14 and 15 at the JW Marriott Indianapolis.

Presentations will be selected based on the need for the topic as it relates to rural health and the speaker’s knowledge and expertise on the subject. The 2012 IRHA conference will offer keynote speakers and plenary sessions. Concurrent breakout sessions will provide an opportunity for deeper explorations of topics. The conference planning committee will announce their final selections in January.

The deadline for speaker proposals is Thursday, Dec. 15. To download the official RFP, click here. To submit a proposal, email Tina Elliott at telliott@indianarha.org.

Research Funding Update

The IU Office of the Vice Provost for Research and the Office of the Vice Chancellor for Research offers weekly digests containing information about funding opportunities including those that limit the number of allowable pre-proposal or proposal submissions.

Funding updates categorizes include sciences, limited submissions, technology and multidisciplinary:

- Sciences
- Limited Submissions
- Multidisciplinary
- Technology

To subscribe to these updates by email, visit this page.

Alpha Omega Alpha Honor Society inductees

More than 50 students, faculty, staff, residents and alumni were recently selected for membership in Indiana chapter of the Alpha Omega Alpha Honor Medical Society at the group’s fall meeting.

New members will be inducted Friday, March 23, at the AOA annual banquet. Ora Pescovitz, MD, former executive associate dean for research affairs at IU, will be the featured speaker.

Selection criteria include scholarship, leadership, ethical standard, and service. Individuals selected in each category are:
Junior students: Sanjeev Balamohan, Katelyn Bennett, Cindi Chapman, Daniel Corson-Knowles, Rachel Edwards, Trent Gray, Jamie Johnson, Jeremy O’Connor, Nicholas Rensing, Sarah Shewmaker, Ashley Thomas, Dominic Vernon and Matthew Yoder.


Faculty: Carey Chisholm, MD (Emergency Medicine/Pediatrics) and Alexander Djuricich, MD (Medicine/Pediatrics)

Housestaff: Andrew Beardsley, MD (Pediatrics); Brandon Brown, MD (Radiology) and Jeffrey Poynter, MD (Surgery)

Alumni: Bridget Sanders, MD, Surgery, Class of 1998

Hobgood earns emergency medicine honor

Cherri D. Hobgood, MD, Rolly McGrath Professor and chair of emergency medicine, has received the Outstanding Contribution in Education Award from American College of Emergency Physicians. This award recognizes significant contributions to the educational aspects of the specialty of emergency medicine. ACEP recognizes 10 emergency physicians for outstanding contributions to emergency medicine during the organization’s annual meeting, Scientific Assembly, the largest gathering of emergency physicians in the country each year. The awards honor excellence across a wide range of activities, including leadership, policy, education and research.

An active clinician and educator, Dr. Hobgood also serves as chair of the International Federation for Emergency Medicine Core Curriculum and Education Committee and president-elect of the Society for Academy Emergency Medicine.

Pie sale to benefit children’s hospital in Kenya

The OB/GYN Student Interest Group will host a bake sale fundraiser through Nov. 15. Pies will be for sale Tuesdays from 11 a.m. to noon and Thursdays from noon to 1 p.m. in the VanNuys Medical Science Building atrium.

Varieties are apple, cherry, pumpkin, apricot, raisin, pecan, rhubarb, blackberry, peanut butter, sugar-free apple, sugar-free cherry and sugar-free blackberry.

All proceeds will go to benefit the Riley Mother Baby Hospital in Eldoret, Kenya. Order online at www.wix.com/obsigpiesale/2011 or contact samstutz@iupui.edu.
Alumni Relations Holiday Night

The IUSM Association will offer discount tickets to residents, fellows and fourth-year medical students at this year’s Alumni Relation’s Holiday Night from 5:30 to 9 p.m. Wednesday, Dec. 7, at the Indianapolis Children’s Museum.

Bring your family and come enjoy an evening of holiday cheer, good food, great times, Santa, the Jolly Slide and festive holiday music on all five floors of the museum. Also, special guest Charles D. Beeker, an IU underwater archaeologist, will present a lecture from 5:30 to 6:30 p.m. on Captain Kidd’s lost ship, Cara Merchant, open to adults and children ages 12 and over.

Tickets are $22 for adults, $15 for children ages 3-12 and free for children under 3 years old. Five dollar discounts are available to residents, fellows and fourth-year medical students.

For more information or to register, visit www.alumni.iupui.edu.

At Your Fingertips

Continuing Medical Education

The Continuing Medical Education office launched a new and improved website at cme.medicine.iu.edu. In addition to online registration and listings of grand rounds, conferences and courses, the site provides in-depth tools and information for presenters and program developers. Included are forms, tips, links, contacts, maps, and a host of other handy resources to make it easier to participate in CME events, prepare a presentation or plan an event.

Resources

Want to find a room that has a Polycom hook-up? Need official IUSM templates for your PowerPoint presentation or poster about a guest lecturer? Check out the new “Resources For” page on the IUSM web site. Resources For is accessible from the school’s home page (medicine.iu.edu) – look on the right-hand side of the page.

If you have suggestions of other resources that would be beneficial and could be added to this list, contact the Office of Public and Media Relations at medschl@iupui.edu.

MedTV

The Office of Public and Media Relations now manages the MedTV screens on the medical school campus. This closed-circuit TV system, part of the IUPUI network, presents a wonderful opportunity for faculty, staff and students to communicate events and information of interest to others. It also serves as a source for broadcasting emergency information on campus.
The MedTVs are located in public areas of the HITS building, the VanNuys Medical Science Building atrium, the Daly Center, Research II, Walther Hall (R3) and the Cancer Research Institute (R4). Announcements from departments and offices are welcome. To have your department or office announcements posted on MedTV, please read the MedTV guidelines: medicine.iu.edu/medtv. Questions? Phone 274-7722.

**Scientific Calendar online**

A comprehensive listing on IUSM seminars, lectures and Grand Rounds can be accessed at the new Scientific Calendar website. To place items on the Scientific Calendar, please forward them to Kelli Diener at kas1@iupui.edu.

**Scope submission guidelines**

**Scope** wants your news items.

The deadline for submission is 8:30 a.m. on Thursdays. **Scope** is published electronically and sent to faculty, staff, students, and residents on Fridays (except on holiday weekends when it is published on the following Monday).

There are three easy ways to submit story ideas or information to **Scope**:

- e-mail the information to scopemed@iupui.edu
- mail the information to Kevin Fryling, 1110 W. Michigan, LO 401, IUPUI
- fax your information to (317) 278-8722

Contributions submitted by e-mail should be forwarded in 12 point, plain text format. Word document attachments in lieu of fliers are encouraged.

In the interest of accuracy, please do NOT use:

- acronyms
- abbreviations
- campus building codes (use full, proper name of building and include the room number)
- Dr. as a preface before names (designate MD or PhD)

To keep the electronic version of **Scope** as streamlined as possible, only seminars and lectures of general or multidisciplinary interest will be included.