



iuscc research news

May 2008

IUSCC members invited to July 24 new patient building open house

The orange construction fence is down, landscapers are sprucing up the grounds, and crews have finished installing the "Indiana University Melvin and Bren Simon Cancer Center" sign on the new patient care building.

In August 2008, the IU Simon Cancer Center, in partnership with IU School of Medicine and Clarian Health, will open the first phase of the \$150 million, 405,000-square-foot integrated outpatient and inpatient building.

All members of the IU Simon Cancer Center are invited to take a sneak peek of the building during an open house on Thursday, July 24. Watch next month's newsletter for additional details.

The new building demonstrates IU's and Clarian's commitment to translational research and the future of cancer care and emphasizes their dedication to the most comprehensive and innovative cancer treatment in a family-focused environment.

The building will make the most advanced treatment facilities and modern, comfortable resources available to patients. The building will have the capacity for 80 new cancer treatment beds, for both inpatient and outpatient care, facilities for up to 40 patients receiving chemotherapy, as well as many other patient and family amenities.



An open house of the new IU Simon Cancer Center patient

care building will be held July 24 for IUSCC members. The building will open in August.



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BioCrossroads establishes the Life Sciences Champion of the Year Award

More than 275,000 Hoosiers work in the life sciences sector and thousands of others support the industry through research, philanthropy, and complementary roles. Who is making the most positive impact on the growth of the state's life sciences sector? The inaugural BioCrossroads Life Sciences Champion of the Year Award seeks to answer that question.



The honor will be awarded on an annual basis to an entrepreneurial, research, corporate, medical, academic, or philanthropic individual who has made particularly significant achievements in the development and promotion of Indiana's life sciences sector.

Criteria includes:

- Must be a resident of Indiana
- Must be an individual supporting Indiana's life sciences growth via entrepreneurial, research, corporate, medical, academic, or philanthropic work
- Judging will be based on assessments of cumulative contribution, not on specific achievements over the course of a year

Nominations can be submitted at www.biocrossroads.com.

In honor of the award recipient, BioCrossroads will give grants to two teachers in the science, technology, engineering, or mathematics disciplines to pursue professional development through the Indiana Science Technology Engineering and Mathematics (I-STEM) Resource Network. The I-STEM Resource Network will select the teaching recipients.

The deadline for submissions is July 18. Finalists will be notified in mid-September; the awards will be presented at the Indiana Life Sciences Forum reception on Monday, October 20.



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News briefs

IUSCC partners with Outrun the Sun for race against melanoma; Outrun the Sun offers scholarship for investigators

Gov. Mitch Daniels has proclaimed June 7 as Outrun the Sun Day in Indiana, while Mayor Greg Ballard has followed suit by naming the day in Indianapolis. Capping off the day is the Outrun the Sun Race Against Melanoma, the largest evening event of its kind in the country supporting melanoma education and research.



The IU Simon Cancer Center is a proud sponsor of the event, which begins at 7 p.m. Saturday, June 7 in downtown Indianapolis. The event includes a 5-mile competitive run, 5K run/walk, and a one-mile family fun walk. Post-race festivities on the IUPUI campus include live music, food, kids' races, and melanoma survivor recognition. Proceeds benefit Outrun the Sun Inc. education and research programs. Registration and information are available [here](#).

As part of its mission of supporting melanoma education and research, Outrun the Sun (OTS) is working with the IUSM's Department of Dermatology to implement an enhanced dermatologic training program for all students. The goal is to ensure that IUSM graduates are trained to detect melanoma and other skin cancers since skin cancer is the No. 1 cancer in the United States and melanoma is on the rise in this country more than any other cancer. To support melanoma research throughout the country, OTS offers its Melanoma Research Scholar Program, which is open to any melanoma investigator nationwide. Applications are accepted annually in April; the details are [here](#) or you can contact the OTS office at 253-2121.

Broxmeyer honored during IU Medical Alumni Reunion

Hal Broxmeyer, PhD, earned a Glen W. Irwin Jr. M.D. Distinguished Faculty Award during the 2008 Spring Medical Weekend May 16-18. The award recognizes distinguished faculty with outstanding service to the IU School of Medicine. Broxmeyer, who joined the IU faculty in 1983, is an IU Distinguished Professor and chairman and Mary Margaret Walther Professor of Microbiology and Immunology. He also is scientific director of the Walther Oncology Center.

Kelley on DIA panel discussion

Mark Kelley, PhD, will be on a panel discussion in late June at the 44th annual meeting of the Drug Information

Association (DIA) in Boston. He will present "Translational Research Acceleration: Changing How Research Moves

from the Bench to the Bedside."

Shedd-Steele named director of new Office of Health Disparities, Research and Outreach

As part of a continuing effort to improve the health and well-being of racial, ethnic, and rural area populations, the IU Simon Cancer Center has established the Office of Health Disparities, Research, and Outreach. Rivienne Shedd-Steele serves as the director. In this capacity, Shedd-Steele and colleagues will develop programs that enhance patient-provider communication, improve cultural and linguistic competency in delivering health services, and develop a systematic approach to improving the coordination and utilization of research and outcome evaluations. Shedd-Steele will also work with community partners and support activities that address, and will subsequently eliminate, racial and ethnic health disparities through community-level activities that promote health, reduce risks, and increase access to and utilization of preventive health care and treatment services.



Honor, remember someone affected by cancer

During the grand opening of its new patient facility this summer, the IU Simon Cancer Center will honor 10,000 people who have been touched by cancer through its "Faces of Cancer" ribbon campaign. Please consider honoring or remembering someone affected by cancer by visiting the [Faces of Cancer Web page](#). You may request as many ribbons as you would like and there is no cost to do so.

PowerPoint, poster templates now available

IUSCC members can now access templates -- with the approved IU Simon Cancer Center signature -- for PowerPoint presentations and posters on the cancer center's Intranet [here](#). Both are located under the "Templates" heading.

CS-Keys wins innovative award

CS-Keys, co-founded by IUSCC members Linda Malkas, PhD, Robert Hickey, PhD, and Derek Hoelz, PhD, was named the winner in the Innovation of the Year category during the annual TechPoint Mira Awards on May 18. The award recognizes the organization's significant contributions to Indiana technology growth. With more than 75 companies nominated for awards and only one winner from each of the nine categories, the Mira selection process was highly competitive, reflecting the breadth of success stories dotting Indiana's high-tech landscape.

Oncology Congress registration discounts available until July 1

Registration discounts are available now for the fourth annual Oncology Congress set for Sept. 25-28 at the San Francisco Hilton. The IU Simon Cancer Center is a hosting partner as Pat Loehrer, MD, serves his second year as event chairman. Reduced registration rates are available for physicians, nurses, and fellows through July 1. Please use priority code COE for the discount when you [register](#).

Cancer Research Day winners announced

Winners from this year's IU Simon Cancer Center Research Day have been announced. They are:

<p>Best Poster Basic Science Graduate Student</p>	<p>Donghui Zhou, Department of Biochemistry and Molecular Biology, Indiana University School of Medicine</p> <p>"Phosphorylation of EIF2 Directs ATF5 Translational Control in Response to Stress Conditions"</p>
<p>Best Poster Basic Science Graduate Student</p>	<p>Pavlo Kovalenko, Department of Foods and Nutrition, Purdue University</p> <p>"Vitamin D Induced Changes in the Gene Expression Profile of the Human Prostate Epithelial Cell (PEC)"</p>
<p>Best Poster Basic Science Post- Doctoral/Medical Fellow</p>	<p>Kristie D. Goodwin, Department of Biochemistry and Molecular Biology, Indiana University School of Medicine</p> <p>"Crystal Structure of DNA-bond CO(III)A-bleomycin"</p>
<p>Best Poster Basic Science Post- Doctoral/Medical Fellow</p>	<p>Abhishek Mathur, General Surgery, Indiana University School of Medicine</p> <p>"Obesity Promotes Pancreatic Cancer Growth and Dissemination"</p>
<p>Best Poster Translational/Clinical Research Postdoctoral/Medical Fellow</p>	<p>Zemin Wang, Department of Pharmacology & Toxicology, Center for Environmental Health, Indiana University School of Medicine</p> <p>"Protective Effects of Black Tea on Oxidative Damage in Humans"</p>
<p>Best Poster Translational/Clinical Research Post- doctoral/Medical Fellow</p>	<p>Hans Lee, Department of Internal Medicine, Indiana University School of Medicine</p> <p>"Whole Blood Chimerism Analyses After Minimal Intensity Allogeneic Transplantation for the Treatment of Hematological Malignancies"</p>

ITRAC funds 4 projects

ITRAC, Indiana University Melvin and Bren Simon Cancer Center

Translational Research Acceleration Collaboration, recently awarded funding for the following four projects:

"Identification and Pre-Clinical Validation of Molecular Targets for Malignant Thymoma and Thymic Carcinoma"

PI: Angelo Cardoso
Collaborators: Pat Loehrer, Randy Bratkiewicz, Sunil Badve, Girum Lakew Lemma, Yunglong Liu

"Proteomic and Gene Expression Analysis to Identify Biomarkers in Wilms Tumors"

PI: Susanne Ragg
Collaborators: Monarch LifeSciences, Gunther Shadow, Olga Vitek, Northwestern University; COG collaborators, Jeff Dome, Paul Grundy

"Aurora Kinase Inhibitor"

PI: Sherif Farag
Collaborators: Xiaojing Wang, Karen Pollok, Attaya Suvannasankha

"Intracranial Implantation of Human Glioblastoma Cells: Stereotactic In Vivo Model Development and Optimization to Test New Therapies for Brain Cancers"

PI: Karen Pollok
Collaborators: Keith Stantz, Ken Cornetta, George Sandusky, Helmut Hanenberg, Tony Sinn, Kamnesh Pradham, Beth Juliar



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New members

Magdalena Czader, MD, PhD
Full member, Hematopoiesis, Microenvironment, and
Immunology

Tom Hurley, PhD
Full member, Experimental and Developmental
Therapeutics