



iuscc research news

June 2008

IUSCC members invited to July 24 open house

All members of the IU Simon Cancer Center are invited to take a sneak peek of the new \$150 million patient care building during an open house on Thursday, July 24.

Tours and refreshments will be available during three shifts: 7:30-9:30 a.m., 11:30 a.m. to 1:30 p.m., and 3:30-5:30 p.m.

Thursday, July 24 Employee open house

Tours: 7:30-9:30 a.m.,
11:30 a.m.-1:30 p.m., 3:30-
5:30 p.m.

Special ceremony in
healing garden: 10:30 a.m.

Friday, July 25 & Saturday, July 26 Public open houses

Tours: 1-5 p.m.

Friday, July 25 Indy SurviveOars dragon boat on the canal

11:30 a.m.-1 p.m.

During the open house, you'll have the chance to enter a drawing for free Indianapolis Indians tickets for the Saturday, July 26 baseball game. Also, members of the Indianapolis Colts' offensive line have taped a special message for the men and women of the IU Simon Cancer Center, which can be seen in the building's main lobby. Like so many people, these Colts players have been touched by cancer in one way or another.

At 10:30 a.m., a special ceremony will take place in the healing garden located on the building's east side along

University Boulevard to recognize employees who participated in the paver campaign.

Public tours are 1 p.m. to 5 p.m. July 25-26.

Immediately prior to the public open houses, the IU Simon Cancer Center is hosting the Indy SurviveOars dragon boat on the downtown canal from 11:30 a.m. to 1 p.m. July 25.

The 42-foot-long, pink dragon boat will launch near the 10th Street bridge and make its way south to the Indiana Government Center. Take a stroll down the canal to catch the action. Or grab the free [IndyGo Red Line](#) from the IUPUI campus to various points along the canal.

Outside, take a moment and pause to reflect on the

thousands of ribbons along Michigan Street, Barnhill Drive, and University Boulevard that were reserved in honor or remembrance of people for the [Faces of Cancer](#) ribbon campaign.

In late 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 patient building.

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.



An open house of the new IU Simon Cancer Center patient care building will be held July 24 for IUSCC members.



iuscc research news

June 2008

Multiple Myeloma group selects IUSCC into consortium

The Multiple Myeloma Research Consortium (MMRC) announced in mid-June the addition of two academic institutions to its innovative research model: the IU Simon Cancer Center and the University of California at San Francisco.

Both were selected following a highly competitive Request for Application (RFA) process.

The MMRC's current 13 member institutions are among the world's most prestigious academic research institutions. Indiana University and UCSF were selected to join the MMRC based on specific criteria, including their experience in conducting Phase I and Phase II clinical trials, their ability to enroll patients in these clinical trials, and the speed at which they are able to initiate clinical trials, according to the MMRC.

"As a results-driven organization focused on quality and efficiency, the MMRC holds its member institutions to the highest degree of accountability," Kathy Giusti, founder and chief executive officer of the MMRC said. "Indiana University and UCSF are highly collaborative and committed to achieving our goals. We are excited to welcome them as member institutions."

"We're honored to join this select group of some of the nation's leading centers," Stephen Williams, MD, IU Simon Cancer Center director, said. "Our researchers are working to help find a cure for plasma cell disorders such as multiple myeloma. They're devoted to better understanding these diseases and ultimately curing them."

The other leading academic institutions in the MMRC are: City of Hope National Medical Center, Dana-Farber Cancer Institute, Emory University's Winship Cancer Institute, Hackensack University Medical Center, H. Lee Moffitt Cancer Center & Research Institute, Mayo Clinic, Ohio State University Comprehensive Cancer Center, Roswell Park Cancer Institute, St. Vincent's Comprehensive Cancer Center of Saint Vincent Catholic Medical Centers of New York, University Health Network (Princess Margaret Hospital), and University of Chicago.



iuscc research news

June 2008

Core Spotlight

Clinical Pharmacology Analytical Core

The Clinical Pharmacology Analytical Core (CPAC) is available to assist IU Simon Cancer Center investigators as well as external partners with pre-clinical and clinical pharmacokinetics in support of their research projects and scientific goals.

CPAC has been in existence since September 2004 primarily working with clinical investigators to provide detailed information on drug interactions and pharmacokinetics.

As a result of the identified need for pre-clinical pharmacokinetic and drug metabolism measurements earlier in the drug discovery process (via ITRAC experimental design mapping), CPAC began to expand its capabilities to include discovery pharmacokinetics and preliminary determination of drug metabolism. The process of rational drug design should be based upon a strong foundation of biology, chemistry, *in vivo* pharmacology, and pharmacokinetics.

Relevant pharmacokinetic and metabolism studies should be conducted in small animal models or *in vitro* systems before first drug administration in humans. This allows for the iterative process of implementing structural changes in the drug molecule to optimize the activity of the drug and its pharmacological and pharmacokinetic properties prior to moving to the more regulated and expensive clinical phase of drug development.

For these reasons, CPAC is now interacting closely with another IUSCC-shared resource, the In Vivo Therapeutics (IVT) Core, to coordinate these efforts. Over the past year, the CPAC and IVT Core have worked together to generate data allowing principal investigators to better evaluate molecules being developed within the IUSCC that show promise as novel cancer drugs.

Access to state-of-the-art instrumentation for quantification of drugs and metabolites is an invaluable resource for all cancer investigators at the IUSCC. The core has two of these instruments (HPLC-MS/MS; API 4000 and API 3200) for drug quantification.

In addition to the two HPLC-MS/MS's, the core facilities

have access to additional HPLC systems (equipped with UV, fluorescent, or other detectors) that may be used for routine analyses.

The Clinical Pharmacology Analytical Core is located in the Division of Clinical Pharmacology on the seventh floor of the Myers Building in Wishard Memorial Hospital.

For more information, please contact David Jones, CPAC director, at 630-8726 or drjones1@iupui.edu. You can access the process and consultation form [here](#).

-David Jones, Mary Murray, Karen Pollok, Matt Strother



iuscc research news

June 2008

News Briefs

President Bush appoints Champion to NCAB

President Bush appointed eight people, including Victoria Champion, RN, DNS, FAAN, to the National Cancer Advisory Board (NCAB) on June 12. The NCAB's function is to advise, assist, and make recommendations to the secretary of the Department of Health and Human Services and the NCI director. The NCAB may make recommendations regarding support grants and cooperative agreements, technical and scientific peer review, and functions pertaining to the NCI. Watch for a fuller report in a forthcoming issue of *IUSCC Research News*.

Special rates for IUSCC members at Oncology Congress

The Oncology Congress is extending a special rate to IU Simon Cancer Center members for the Sept. 25-28 event in San Francisco. When registering simply use priority code IU. Physicians pay \$395, nurses and other clinicians pay \$195, fellows and residents are complimentary. [Register now](#). Pat Loehrer, MD, congress chairman who programmed the conference and its speakers, will present a case study on testis cancer and a session on pancreatic cancer. Richard Foster, MD, will presenting on renal cell cancer, Peter Johnstone, MD, on integrative medicine, and Bruce Robb, MD, on colon cancer.

Volunteers needed for INShape Indiana Black and Minority Health Fair

The IU Simon Cancer Center is again sponsoring a booth at the INShape Indiana Black and Minority Health Fair July 17-20 in Hall D in the Indiana Convention Center. The booth will highlight the PROGRESS prostate study and the Susan G. Komen for the Cure Tissue Bank at the IUSCC. Volunteers interested in assisting the PROGRESS team with consent form completion and individuals interested in distributing informational flyers that highlight both studies are needed. If you have not been certified to provide consent form assistance, visit the [human subjects tutorial and test link](#). To sign up for a shift, contact [Judy Kennedy](#) at 278-0070. After signing up you are urged to attend the health fair training at noon Monday, July 14 in RT 425. You will also pick up your volunteer pass.

Help wanted: People needed to post ribbons on campus

Volunteers are needed to help place ribbons on the IUPUI campus near the new patient care building that have been reserved by thousands of people for the [Faces of Cancer ribbon campaign](#). The ribbons will go up prior to the July 25-26 open house events and remain until early September. There are three opportunities to volunteer:

11 a.m.-2 p.m. July 17-18. Donate your lunch break to help label and sort ribbons in the Indiana Cancer Pavilion lobby.

9 a.m. July 19. Help honor and remember those who have battled cancer by placing 5,000 ribbons with the names of those who have survived or succumbed to cancer. The ribbons will be placed around the IUPUI campus. Meet at the pavilion entrance at 9 a.m. to join a team of volunteers. All volunteers should bring a tape measure and a water bottle.

9 a.m. July 19. Volunteer to be a team leader. Volunteer team leaders will be assigned a group of five volunteers and a specific area for placing signs. The team leader will be in charge of ensuring signs are accurately placed in the correct order. Team leaders will need to attend a short training session in the pavilion lobby at either 5:15 p.m. Thursday, July 17 or 11 a.m. Friday, July 18 to receive further instructions and their assigned area.

Please help us honor and remember those who have faced cancer by volunteering for the Faces of Cancer campaign. To sign up to volunteer, contact [Laura Feagans](#).