

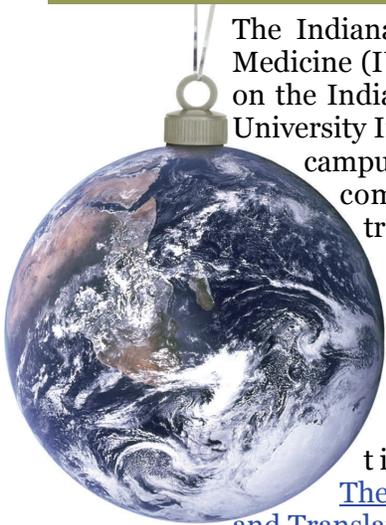
The Edge

Volume 2, Issue 2

Winter 2007/2008



Science Without Borders



The Indiana University School of Medicine (IUSM), which is located on the Indiana University–Purdue University Indianapolis (IUPUI) campus, is a campus and community leader in translating research into applied practice. Evidence of this can be seen in newly constructed School of Medicine buildings that facilitate translational research;

[The Health Information and Translational Science Building](#)

is one example of this.

At IUPUI, the Indiana University campus which is known for translational research and

rooted in practice-based education, has launched TRIP (Translating Research into Practice), a series of lectures, panel discussions, and symposia to promote translational research.

Professor Sandra Petronio, a translational scholar in communication and privacy issues, is leading this campus initiative. More than 200 faculty members throughout the campus have identified themselves as translational scholars; that number continues to grow as awareness about the initiative increases.

Translational research is characterized by researchers who both generate knowledge and apply the knowledge gained to address everyday issues, to combat diseases, or even address worldwide problems.

Alumni Spotlight

Amy Breman, Ph.D. Graduate

Where are they now?

Amy Breman, a Medical and Molecular Genetics student, will be completing her Ph.D. this month, December 2007 (defended November 9th, 2007).

Amy is headed to Houston, Texas to do her postdoc at Baylor College of Medicine this January. After her first year Amy plans to enter the Clinical Cytogenetics

training fellowship and then sit for the American College of Medical Genetics (ACMG) boards in Clinical Cytogenetics in 2011.

Amy's ultimate career goal is to become a director of a cytogenetics lab and she is well on her way to achieving that goal. Congratulations Amy, we wish you the best!



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Reminder

January 15th
is the
Application
Deadline

Resources for Current Students

Did you know the IUSM – Graduate Division has an excellent Resources webpage that provides valuable information and links for students, postdocs, and faculty? From the For Students site you can link to graduate student organizations, check out the IBMG Student Handbook, and link to the events page.

There is also a Useful Links page where you can link to, what other than, useful websites such as university offices like the IUPUI Graduate Office, IU Graduate School, and the [GradGrants Center](#) (provides free one-on-one assistance with grant writing to graduate students!).

Under the National Resources section you will find websites such as [postdocjobs.com](#) and [ScienceCareers.org](#).

We even provide the [phdcomics.com](#) link so you can get your daily laugh. Check it out at <http://grad.medicine.iu.edu/Resourcesfor> and add it to your favorites. You won't be sorry.

IUSM Scientific Calendar Website:
<http://daly.medicine.iu.edu/med/Public/Calendar/default.asp?WCU=CMPCAL&callback=1>



**IUSM Graduate Division
Events Calendar**

10 Ph.D. Programs

Anatomy &
Cell Biology

Biochemistry
& Molecular
Biology

Cellular &
Integrative
Physiology

Medical &
Molecular
Genetics

Medical
Biophysics &
Biomolecular
Imaging

Medical
Neuroscience

Microbiology
& Immunology

Pathology &
Laboratory
Medicine

Pharmacology

Toxicology

Dr. Ora Pescovitz Named One of IUPUI's Outstanding Faculty

“She wears multiple hats” is an understatement; Indiana University–Purdue University Indianapolis (IUPUI) has recently recognized Indiana University School of Medicine’s Dr. Ora Pescovitz as “Outstanding Faculty”.

Dr. Pescovitz is both a researcher, one of the country’s leading pediatric endocrinologists, the executive associate dean for research

affairs at IUSM, the interim vice president for research administration at IU, and the CEO and president of Riley Hospital for Children.

Dr. Pescovitz approaches each position and challenge with passion. To read more about Dr. Pescovitz and her contributions to the School of Medicine, IU, and IUPUI visit: <http://www.iupui.edu/featured/faculty.html>.

Clinical Trials on Avastin® To Begin Soon

Clinical trials will soon begin on nearly 5000 women and men with recently diagnosed metastatic breast cancer. Dr. Kathy Miller, M.D., associate professor of medicine and the Sheila D. Ward Scholar at IUSM and physician/researcher at the Indiana University Melvin and Bren Simon Cancer Center, is the principal investigator of the phase III trial. The clinical trail is coordinated by the Eastern Cooperative Oncology Group, a network of cancer researchers, physicians, and health-care professionals at public and private institutions around the nation.

Dr. Miller discovered in 2005 that adding Avastin® to the standard chemotherapy treatment nearly doubled the time it took for cancer to grow in women whose breast cancer had metastasized to other parts of the body,

compared with women who received standard treatment alone.

“What we hope and think will happen is that women treated with Avastin in addition to chemotherapy will have fewer recurrences of their breast cancer and more of them will be alive and well,” Dr. Miller said, “they’ll essentially be cured of their disease.”

Researchers at the IU Simon Cancer Center have been leaders in anti-angiogenic research for breast cancer. George Sledge, M.D., the Ballve Lantero Professor of Oncology at IUSM, was the principal investigator of the first nationwide phase I and phase II trials with the drug in 1997 and 1999, respectively. For more information, please visit the [full news release](#).

Simon Family Donates \$40 Million to Riley Hospital for Children

Once again the Simon Family, of the Simon Property Group, has proven their commitment to the local community and state by donating \$40 million toward the completion of the new 675,000 square foot inpatient tower at [Riley Hospital for Children](#); the largest gift in Riley's 83-year history.

The Simon Family Tower will expand the hospital capacity by adding 100 beds; expanding emergency room services; adding an obstetrics unit for high-risk deliveries; a larger newborn

intensive care unit; state-of-the-art operating rooms and heart catheterization laboratories; and a new heart center and imaging radiology units.

This significant gift serves as the cornerstone of Hope Happens Here: The Campaign for Indiana's Children. Riley Hospital for Children, Indiana's only comprehensive children's hospital, was recently ranked 11th overall out of nearly 250 children's hospitals across the country by Child Magazine.

\$60 Million to combat AIDS in Kenya

The Academic Model for the Prevention and Treatment of HIV/AIDS (AMPATH), a program that was developed between Indiana University School of Medicine and the Moi (Kenya) University Teaching and Referral Hospital, has received a 5-year, \$60-million grant from the United States Agency for International Development (USAID) to prevent and treat HIV/AIDS in Kenya. The IU School of Medicine will supplement this grant with an additional \$6 million over the 5-year time span.

AMPATH currently provides care for 52,000 HIV-infected patients and has reduced the rate

of infection significantly in Kenya. The goal is to expand the program to provide care to an additional 150,000 Kenyans with HIV by 2012. Dr. Robert Einterz, M.D., the principal investigator of the grant, associate dean for international affairs at the IU School of Medicine and co-founder of the IU-Moi partnership and AMPATH stated, "As a Hoosier, I am proud that IU has taken a leadership role in caring for our African neighbors with HIV." For the full news release visit:

http://medicine.indiana.edu/news_releases/viewRelease.php4?art=777&print=true.

Calendar of Events

January 7	Rotation 2 Begins
January 15	IBMG Application Deadline
January 25-27	IBMG Campus Visit (for selected applicants)
February 15-17	IBMG Campus Visit (for selected applicants)
February 29	Rotation 2 Ends
March 3	Rotation 3 Begins



Research. Discover. Pure.

Message from the Director

When reviewing obstacles that increase a student's time to degree as well as the potential solutions, IUSM stacks up nicely. On average IUSM doctoral students complete their degree in approximately 5 years (compared to [8.2 years nationally](#) across disciplines). Recently the IUSM Graduate Committee set formal guidelines for the departments that grant Ph.D. degrees to ensure that students move even more smoothly through their doctoral education. More often than not department policies are not altered as a result of new guidelines because they are already examples of best practices.

The IUSM provides students a competitive living stipend, tuition and fee scholarship, as well as health insurance for the time it takes to complete their degree (as long as they remain in good academic standing). This is not always the case at other universities.

The Graduate Division has also created the Indiana University School of Medicine BioMedical Gateway (IBMG) Program which brings all IUSM doctoral students together for their first year of study and lab rotations. The IBMG Program creates a sense of community that students can rely on once they move into their Ph.D. program and contributes to future research collaborations. This support network established in the first year should prove to be an additional factor to decreasing the time to degree.

To see where you stand in your doctoral education check out the doctoral degree timeline provided by the IUSM Graduate Division at: <http://grad.medicine.iu.edu/documents/GradDivision/DoctoralStudentTimeline.doc>.



Sincerely,
Monica Henry
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Program Director, IBMG Program



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Graduate Division

SCHOOL OF MEDICINE

INDIANA UNIVERSITY

