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Fall Faculty Meeting – Nov. 16

Dean Craig Brater, MD, will discuss IUSM achievements during the Fall Faculty Meeting at 3:30 p.m. Tuesday, Nov. 16, in the Riley Outpatient Center auditorium.

Also speaking will be Faculty Council President Robert Havlik, PhD, and August Watanabe, MD, chairman of the board of BioCrossroads, who will

elaborate on the role of the school of medicine in the current life sciences initiative.

Faculty are reminded to return preference sheets for the faculty elections to Simon Atkinson, PhD, in the Research Institute, room 202 (R2-202). The preference sheets were mailed to faculty earlier this fall.

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Center for Immunobiology hosts open house

The IUSM Center for Immunobiology, the newest member of the research institutes and centers, is hosting an open house from 3 p.m. to 4:30 p.m. Friday, Nov. 19.

Center director David Wilkes, MD, and colleagues extend the invitation to the campus to visit the center's labs and view posters of the center's work in VanNuys Medical Science Building, room 224.

CIMB's mission is to develop interdepartmental, collaborative, basic science, clinical and translational research programs focused on organ transplant immunology, autoimmunity, innate and acquired immunity and the immunobiology of cancer.

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Open enrollment activities

There still is time to attend open enrollment information sessions before the Nov. 23 enrollment deadline. These information sessions will provide an overview of the open enrollment materials, changes in the health care plans, tips on how to select a health care plan, information on the Tax Saver

Benefit Plan and the new TBS card option will be reviewed.

Information sessions are scheduled from:

- 9 a.m. to 10:30 a.m. Monday, Nov. 15, in the University Library auditorium.
- 10 a.m. to 11:30 a.m. Wednesday, Nov. 17, in the Nursing Building, room 108.

Several satellite benefits offices have been established, and a benefits specialist will be available at these satellite locations to answer questions employees may have about their current benefits; to provide information about the open enrollment process; to assist in completing enrollment forms; to answer questions about the health care plans; and to give information about the other benefit plans offered by the university.

Satellite benefit offices will be in the Nursing Building, room 112, on Nov. 17 from 1 p.m. to 4 p.m. and the Safeco Building, main lobby on Nov. 22 from 9 a.m. to noon.

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Interactive educational program developed by Riley docs

“A Pocket Rotation in Pediatric Endocrinology” is a new interactive educational program written by 12 faculty and fellows in the IU/Riley Section of Pediatric Endocrinology, one of the five largest pediatric endocrine sections in the country.

The interactive electronic education program was designed for students, house staff and primary care providers who seek additional information about children with disorders spanning the endocrine spectrum.

More than an online textbook, the program allows users to work up more than 40 virtual patients by taking electronic histories, performing virtual physical exams, and ordering from a menu of laboratory studies. Along the way, differential diagnoses for each patient are developed and then narrowed down to the patient's final diagnosis. The cases are organized into 17 chapters, and each chapter includes a clinically-oriented text along with a variety of helpful figures, diagrams and tables.

“A Pocket Rotation in Pediatric Endocrinology” is available online at www.rileyhospital.org/apocketrotation. The first time you visit the site, please click on “create a new account” and enter the requested information. You may enter any number you choose for the student ID. A comprehensive, 400 page printed version is also available and will be distributed to all pediatric housestaff.

Contact the program's editor Jack Fuqua, MD, associate professor of pediatric endocrinology/diabetology, at jsfuqua@iupui.edu or at 274-3889 with questions or problems.

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Computational Molecular Science Facility open to researchers

The Computational Molecular Science Facility, directed by Kelsey Forsythe, PhD, is located in the School of Science building, room 320.

The facility is available for use by all IU faculty, staff and research students. It houses six Silicon Graphics Workstations, two Dell Dimension and two Apple G5 desktops for use in molecular modeling and computation.

The software available on these machines includes:

- Sybyl (see www.tripos.com) is a software package which allows for

- structure building, optimization and comparison of structures using methods such as QSAR (Quantitative Structure-Activity Relationships)
- CSD (Cambridge Structural Database)(see <http://www.ccdc.cam.ac.uk>), a searchable database (updated monthly) of X-ray and NMR structures of molecular compounds including statistical analysis of search results.
 - SPARTAN (see www.wavefunction.com) is a modeling and analysis tool which calculates energies, equilibrium geometries and analyzes vibrational spectra, electrostatic surfaces and orbital energies for molecules using empirical, semi-empirical and quantum mechanical models
 - Cerius2 (see www.accelrys.com/cerius2) is a materials modeling program which allows for generation of periodic (amorphous, crystalline and polymeric) structures and their analysis using molecular dynamics and empirical energy equations.
 - Insight II/Delphi (see www.accelrys.com/insight) is similar to Cerius2 but with the emphasis on biomolecules. The module Delphi allows for generation of electrostatic surfaces/fields using Poisson-Boltzmann theory.
 - QUANTA/CharMm-Quanta is also used for modeling protein systems with CharMm providing minimization and dynamics routines as well as combined quantum and molecular mechanical methods.
 - MacroModel (see www.schrodinger.com/Products/macromodel.html) is a suite which includes force fields and methods for conformational analysis, molecular dynamics and free energy calculations.

Accounts on these machines are free and setup by arrangement with the director. If you'd like to discuss how this software might be of use either in your research and/or teaching please email, call or stop by the CMSF.

Dr. Forsythe can be contacted at 278-2202, or forsythe@chem.iupui.edu.

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EndNote intermediate workshop – Dec. 1

An intermediate level EndNote workshop will be held on Wednesday, Dec. 1, from 10 a.m. to 11:30 a.m. in the VanNuys Medical Science Building basement computer lab, room B16A. Some experience with EndNote version 7 or 8 is needed.

The workshop will focus on modifying style, which is the citation, bibliography and footnote formats required in instructions to authors for manuscript submissions. Also covered will be inserting images, filter updates, and creating a stand-alone bibliography.

Workshop leaders, Doug Bartlow and Carole Gall, are from the IUSM Libraries.

For more information or to register for this and future workshops on Modifying Styles in EndNote, contact Carole Gall at 274-1411, or cfgall@iupui.edu.

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Clinical Trials Program offers classes

Several educational opportunities are offered by the IU Clinical Trials Program in November and December. Complete information on the classes can be found at <http://medicine.iupui.edu/ctp>.

- Nov. 17 - Computer Basics: Using EXCEL to Manage Research Related Information**
11 a.m. - 1 p.m., Roudebush VA Medical Center, room A 2007
Limited to 15 participants. Call Michelle Murray at 278-2868 by noon, Nov. 15 to register
Cathy Heiny, VA education coordinator
- Nov. 18 - HIPAA security and FDA requirements for Clinical Research Databases**
7:30 a.m. to 8:30 a.m., Riley Outpatient Center auditorium
Registration at the door, CME: 1.0
Presenters: IUSM Office of Compliance and Clinical Trials Program staff
- Nov. 29 - Computer Basics: Using Your Outlook Account to More Effectively Manage Research Related Processes and Documents, noon to 2 p.m.,**
IUPUI Business/SPEA room 3003, registrations limited to 20 participants with IUPUI email accounts, call Michelle Murray at 278-2868 by Nov. 26 to register
Presenter: Steve Brizendine, VA IT Specialist
- Dec. 3 - Initiating and closing Out a Study, noon to 1:30 p.m. Tudor Auditorium,**
Wishard Outpatient Wing, fifth floor, registration at the door, CME: 1.5,
Presenter: Gail Douglas, CTP, and Helen Kallamani
- Dec. 14 - HIPPA Security and FDA Requirements for Clinical Research Databases, noon to 1 p.m., Riley Outpatient Center auditorium,**
registration at the door, CME: 1.0 Presenters: IUSM Office of Compliance and Clinical Trials Program staff
Content: HIPAA security training is mandated for all staff. This session, geared specifically for clinical researchers, will meet this obligation.

Dec. 15 - Same program as Nov. 29, except it will be from 9 a.m. to 11 a.m.

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Jam the Jaguar Bus Food Drive begins

The time has come to start collecting food for the Jam the Jaguars Bus Food Drive for area food pantries.

Suggestions for encouraging participation are:

- Organize a food drive within your school, office or organization. Set out boxes now through Tuesday, Nov. 23 and collect food and other items.
- Participate in the Student Foundation's Turkey Toss Tuesday and Wednesday, Nov. 9 and 10 from 11 a.m. to 2 p.m. in the University College courtyard. \$1 or a can of food buys an opportunity to win great prizes.
- Jam the Bus by bringing donations to University College courtyard from noon to 1 p.m. Tuesday Nov. 23.
- Buy a seat on the bus by donating \$50 or more. Make checks payable to one of the organizations benefiting from this drive. Send donation to IUPUI Community Outreach Office, 355 N. Lansing St., AO 136, Indianapolis, Indiana 46202.

For more information, call Marty Posch at 278-8573, or visit www.iupui.edu/jamthebus. The food drive is sponsored by the IUPUI Office of External Affairs.

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Tell your story for the Great American Smokeout

IUPUI will participate in the Great American Smokeout Thursday, Nov. 18. This is the day when the American Cancer Society and others work to raise awareness about the health issues associated with tobacco use in order to encourage them to quit.

Only former smokers know the trials, tribulations and joys of quitting. Won't you share your story so that we can share it with others and hopefully inspire them to quit? Send your "I quit" story to Maggie Stimmin, Human Resources Administration, UN 340, or mstimmin@iupui.edu.

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Honors

The editorial board of *Traces of Indiana and Midwestern History* has selected an article written by **Stephen Jay**, MD, as the winner of the ninth annual Jacob Piatt Dunn Jr. Award for the best *Traces* article for 2004. Dr. Jay's historical perspective "Leroy E. Burney: A Hoosier Pioneer in Public Health" appeared in the Spring 2004 issue of the magazine published by the Indiana Historical Society. Dr. Jay is the chair of the IUSM Department of Public Health.

Mark Kelley, PhD, associate director of the Wells Center for Pediatric Research, has been named chair of the NIH's Cancer Etiology Study Section, Center for Scientific Review. His term began in October and ends June 30, 2006.

Juan Sanchez, MD, a member of the Pediatric Endocrinology and Diabetology Section at Riley Hospital, has received a Physician Recognition Award from Deaconess Hospital in Evansville. Dr. Sanchez travels to Deaconess Hospital on a regular basis to participate in the Deaconess/Riley Children's Specialists Program. The Physician Recognition Award at

Deaconess Hospital is awarded to physicians for practicing the Deaconess credo: courtesy, respect, empathy, dignity, and optimism

Ruben Sandoval, MS, research associate in the Division of Nephrology and the Indiana Center for Biological Microscopy, recently was awarded 16th place -- from more than 1,200 entries -- in the 2004 Nikon International Small World Competition, which "is dedicated to furthering creativity and excellence in photomicrography." Sandoval's image of kidney cells in a living rat can be seen at

www.nikonsmallworld.com/gallery2004/prize16.html.

IU pediatrician **Patricia Treadwell**, MD, is a recent recipient of the 2004 Indiana Commission for Women Torchbearer Awards. This is a new prestigious award given by the State of Indiana to women who have served as torchbearers for all and is hosted by the Indiana Commission for Women. Also, this fall Dr. Treadwell was honored by Cornell University Weill Medical College Alumni Association with the 2004 Alumni Diversity Award. She was recognized for outstanding vision, dedication and leadership in promoting diversity as well as greatly enhanced and enriched the student body of the Weill Medical College.

Madelyn Wheeler, MS, RD, coordinator of research dietetics at the IU Diabetes Prevention and Control Center, received a 2004 Medallion Award from the American Dietetics Association at its October conference. This award honors members of ADA who have shown dedication to the high standards of the dietetics profession.

Walther Cancer Institute's 19th Annual Dinner Nov. 4 focused on honoring select researchers with awards in recognition of their outstanding work and accomplishments. IUSM faculty members receiving awards include **Nasser Hanna**, MD, co-director of the Hoosier Oncology Group's Thoracic Committee, was awarded the Danielson Award for Clinical Cancer Research for \$7,500, and **David Potter**, MD, PhD, who received a \$50,000 Walther Research Prize for a collaborative project titled, "Cytochrome P450

Mechanisms of Non-small Cell Lung Cancer Progression." IUSM MD/PhD candidate **Jonathan Howell** received a Walther Cancer Institute 2004 Marilyn Hester Scholarship. The scholarship is awarded to an individual currently in pursuit of an MD and/or PhD in biomedical sciences, who has demonstrated an interest and the potential for conducting pediatric hematology/oncology-related research.

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This week on *Sound Medicine*

Tune in at 4 p.m. Sunday, Nov. 21, to *Sound Medicine*, the weekly radio program co-produced by IUSM and WFYI Public Radio (90.1 FM) in Indianapolis. The program is hosted by Barb Lewis. Co-hosts this week are David Crabb, MD, and Kathy Miller, MD.

Guests will include Greg Wilson, MD, Indiana State Health commissioner, who will discuss Indiana cancer statistics and the collaboration between the Indiana State Department of Health and Indiana Cancer Consortium that created The Indiana Cancer Control Plan 2005-2008.

The newest treatments for psoriasis will be covered by Stephen Wolverton, MD, IU professor of clinical dermatology, and Christine Seidman, MD, professor of medicine and genetics at Harvard University Medical School, will explain how the discovery of the Tinman gene has helped humans with heart problems.

Archived editions of *Sound Medicine*, as well as other helpful health information, can be found at soundmedicine.iu.edu/.

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Online IUSM calendars

A comprehensive listing on IUSM seminars, lectures and Grand Rounds can be accessed at www.medlib.iupui.edu/calendar. To place items on the Scientific Calendar, please forward them to Iona Sewell at imsewell@iupui.edu.

A Special Events Calendar for presentations, symposiums, conferences and other activities at IUSM can be found on the School's Web page at www.medicine.iu.edu. The calendar also can be accessed directly at webdb.iu.edu/iusm/scripts/calendar/instr.cfm.

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Submissions to Scope

Scope wants your news items.

The deadline for submission is 8:30 a.m. on Fridays. *Scope* is published electronically and sent to faculty, staff, students, and residents.

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

- e-mail the information to mhardin@iupui.edu
- mail the information to Mary Hardin, Z-7, Ste. 306, IUPUI
- paste your plain text message into *Scope* Web form on the IUSM faculty & staff page: <http://medicine.iu.edu/faculty>

Contributions submitted by e-mail should be forwarded in 12 point, plain text format.

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.

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