

Recent Publications

N.L. Saccone, J.P. Rice, N. Rochberg, A. Coate, T. Reich, S. Shears, W. Wu, J.I. Nurnberger, Jr., T. Foroud, **H.J. Edenberg**, and **T.-K. Li** (1999) Genome screen for platelet monoamine oxidase (MAO) activity. *Am. J. Mol. Genet.* **88**, 517-521.

Jeff T. Williams, Henri Begleiter, Bernice Porjesz, **Howard J. Edenberg**, Tatania Foroud, Theodore Reich, Alison Goate, Paul Van Eerdewegh, Laura Almasy, and John Blangero (1999) Joint multiple linkage analysis of multivariate qualitative traits. II. Alcoholism and event-related potentials. *Am. J. Hum. Genet.* **65**, 1148-1160.

Wayne A. Wilson, Alan M. Mahrenholz, and **Peter J. Roach** (1999) Substrate targeting of the yeast cyclin-dependent kinase Pho85p by the cyclin Pc110p. *Mol. Cell. Biol.* **19**, 7020-7030.

L. Schild, **P.V. Blair**, and S. Baugh (1999) Effect of adenosine nucleotide pool size in mitochondria on intramitochondrial ATP levels. *Biochem. Biophys. Acta* **1413**, 14.

To Claire Walczak, Bloomington, who recently received a grant from the National Institute of General Medical Sciences in support of her research in *Mechanism of Spindle Assembly and Chromosome Segregation*.

Ting-Kai Li, Distinguished Professor of Medicine and Biochemistry, has been honored by election to membership in the National Institute of Medicine. Current members elect new members from among candidates chosen for their major contributions to health and medicine or to related fields.

Michael Tanowitz, Jutong Si, **De-Hua Yu**, **Gen-Sheng Feng** and Lin Mei (1999) Regulation of neuregulin-mediated AChR synthesis by protein tyrosine phosphatase SHP2. *J. Neuroscience.* **19**, 9426-9435.

Congratulations!

Falguni Desai has been selected to compete in the Mid-west region of the Siemens Westinghouse Science and Technology Competition. The regional competition will be held at Notre Dame on November 12, with the winner receiving an award of \$20,000.

The winner of each regional competition will go to Washington, D.C. on December 3-6 for an opportunity to compete against the other five regional winners to become a National winner with an additional scholarship prize of \$100,000. Congratulations, Falguni, and the very best of luck!



**DON'T FORGET TO
VOTE!
NOVEMBER 2**

HAPPY THANKSGIVING!

November Seminars

Biochemistry Seminars Mondays 4 pm, MS 326

11/1 **Dr. Donald Durden**, Associate Professor of Pediatrics and the Department of Biochemistry & Molecular Biology, IUSM; *"Myeloid immunoreceptor signaling: A paradigm for study of receptor modulation of small GTPases in mammalian cells"*

11/8 **Dr. David Virshup**, Associate Professor of Pediatrics and Oncological Sciences, Huntsman Cancer Institute, University of Utah; *"Two heads and a clock: common regulators of Wnt signaling and circadian rhythm"*

11/15 **Dr. Mark Leid**, Associate Professor, Laboratory of Molecular Pharmacology, Oregon State University; *"PPAR α signaling mechanisms"*

11/18 **Dr. Math Geelen**, Professor, Department of Biochemistry, Cell Biology and Histology, University of Utrecht, Utrecht, The Netherlands *"New insights into the regulation of fatty acid oxidation"*.
11:00 a.m., MS 4001

11/22 **Dr. Joseph Ogas**, Assistant Professor of Biochemistry, Purdue University; *"Regulation of developmental identity by a CHD3 chromatin remodeling factor in Arabidopsis"*

11/29 **Dr. Joseph J. Baldassare**, Professor of Pharmacological and Physiological Sciences, St. Louis University Medical School; *"Differential regulation of CDK2/cyclin E activity and p21Cip by RhoA"*

Biochemistry Student Seminars Wednesdays, 12 Noon, MS A506

11/3 **Dehua Yu**
11/10 **Biomedical Ethics**
11/17 **Kun Ma**

Center for Diabetes Research Seminar, Alternate Tuesdays, 4:00 pm, MS 326

11/9 **Dr. David Crabb**, *Control of Peroxisome Proliferator Activated Receptor Alpha in Liver*

11/23 **Dr. Peter J. Roach**, *Glycogen biosynthesis in liver and muscle.*

Other Seminars of Interest

11/3 4:00 p.m. *Development of Novel Stem Cell Therapies for Chronic Granulomatous Disease.* **Harry Malech, M.D.**, National Institutes of Health; Bethesda, MD. **Cancer Research Institute Auditorium 101.**

11/4 4:00 p.m. *Role of p53 and Delayed Apoptosis in Modulating Radiation-Induced Neoplastic Transformation of Human Hybrid Cells.* **Marc S. Mendonca, Ph.D.**, Dept. of Radiation Oncology, IUSM. **Medical Science 326.**

11/5 12:00 noon *Stress - More Than Just a Headache. Neurobehavioral Actions of Corticosteroids During a Stress Response.* **Dr. Miles Orchinik**, Dept. of Biology, Arizona State University; Tempe, AZ. **Medical Science A506.**

11/10 4:00 p.m. *BRCA Genes and Ovarian Cancer.* **Simon Smith, Ph.D.**, Chandler Medical Center, University of Kentucky;

Lexington, KY. **Cancer Research Institute Auditorium 101.**

11/17 4:00 p.m. *Brca1 in Genetic Stability and Tumorigenesis.* **Chuxia Deng, Ph.D.**, National Institutes of Diabetes, Digestive and Kidney Diseases, NIH; Bethesda, MD. **Cancer Research Institute Auditorium 101.**

11/18 10:30 a.m. *Hereditary Colon Cancer.* **Albert de la Chapelle, M.D., Ph.D.**, Director, Human Cancer Genetics Program, Ohio State University; Columbus, OH. **Medical Science B26.**

11/18 4:00 p.m. *Cloning and Characterization of Novel Chemokines.* **Robert A. Hromas, M.D.**, Dept. of Medicine, IUSM. **Medical Science 326.**



Important dates

- 11/1 NIH competing renewals, revised grants
- 11/14 National Kidney Foundation of Indiana
- 11/17 Beering Lecture: Dr. Jeffrey M. Friedman
- 11/22 American Heart Association - Indiana Affiliate
- 11/25 THANKSGIVING
- 11/26 DAY AFTER THANKSGIVING HOLIDAY
- 12/14 Finals begin
- 12/17 CHRISTMAS PARTY!
- 12/20 Finals end
- 12/25 MERRY CHRISTMAS
- 1/1/00 HAPPY NEW CENTURY!
- 1/10 Classes begin
- 1/15 Juvenile Diabetes Fdn International pre-application for 2/1 deadline
- 1/17 MARTIN LUTHER KING, JR. DAY
- 2/1 Juvenile Diabetes Fdn International
- 2/1 NIH new research, committed continuations
- 3/1 American Heart Association - Indiana Affiliate, continuations, renewals
- 3/1 NIH competing renewals
- 4/21 CAMPUS HOLIDAY
- 4/29 MEMORIAL DAY
- 6/1 NIH new research
- 6/15 American Heart Association - National
- 7/4 INDEPENDANCE DAY
- 9/4 LABOR DAY
- 11/23 THANKSGIVING
- 11/24 FRIDAY AFTER THANKSGIVING
- 12/25 MERRY CHRISTMAS
- 1/1/01 HAPPY NEW YEAR

VETERANS DAY

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11



1999 Retreat a Success!

High attendance and excellent talks by students and post-docs marked a success for the 1999 Biochem Retreat held at the Indianapolis Art Center on Saturday, October 2. We anticipated 90 - 100 people and approximately 125 showed up! Even more exciting than that were the very professional presentations made by students **Hui Zong, Huaiyu Sun, Jie Yang, Shannon Hawkins, and Ruchira Sood**, and by post-docs **Wayne Wilson, Min You, Dave Ohannesian, Paresh Sanghani, and Myeong-Ae Yu**. All of them are to be congratulated on doing a fantastic job!

Speaking of congratulations, the 1998-99 Peggy Gibson Award for best paper by a student was awarded to **Britta Jacobsen**, recently graduated. **Hui Zong** received the Jack Davis Award for best student seminar in 1998-99. Each award has a \$150 prize. Hats off to the winners and a round of applause to all who competed.

The Indianapolis Art Center, just north of Broad Ripple, turned out to be a very good location for

this event. The auditorium worked very well for the slides and presentations, and the Ruth Lilly Library provided a wonderful setting for a great buffet lunch from Malone's catering. Two painting studios provided space for morning and afternoon poster sessions. The art galleries and displays were enjoyed by everyone, and many of us viewed creations in the making at the glass studio.

No event would be complete without thanking all those who worked together to make it possible. We'd like to thank **Hui Zong**, the new student representative, for organizing students who provided invaluable help in bringing supplies, setting up tables and chairs, cleaning up, and other miscellaneous tasks: **Lin Li, Jin Zhou, Ruchira Sood, Paula Ladd, Prie Moeljadi, Yong Luo, and Zejin Sun**. Special thanks go to **John Hawes** for serving as the impromptu projectionist in the control booth. And a big note of appreciation to **Mary Harden, Gena Lynam**, and the rest of the **Biochem office staff** who took care of all of the hundreds of details that made this retreat a success.

Dean's Office Deadlines - Nov.

- 11/13 NIH Committed Continuations
- 11/18 NIH Individual NRSA
- 11/30 Riley Memorial Association

Indiana University Cancer Center Receives National Cancer Institute Designation

Indiana University Cancer Center has been recognized as a premier national center for the study of cancer and the development of new cancer treatments by the National Cancer Institute.

The NCI designation places the IU Cancer Center in an elite group of research centers that focuses on the rapid translation of research discoveries to directly benefit people with cancer.

In addition to providing seed money for new research, the NCI grant will support center leadership, research-related administrative functions and shared research resources. The only NCI-designated Clinical Cancer Center in Indiana, it has already begun discussions of collaboration with Purdue University's NCI-designated cancer research center.

The IU faculty members affiliated with the IU Cancer Center are recognized for their excellence in developing gene therapies for bone marrow diseases such as leukemia, the 95 percent cure rate for testicular cancer in young men, and the use of umbilical cord stem cells for bone marrow transplantation. They hold one of three grants recently awarded by the National Institute of Diabetes and Digestive and Kidney Disease to establish Core Centers of Excellence in Molecular Hematology. They have developed and operate one of only three NCI-designated

viral vector manufacturing laboratories in the country, providing vectors to research scientists throughout the world engaged in the development of gene therapy for cancer patients. In addition, they have conducted extensive research on the behavior of people facing cancer diagnosis and treatment choices.

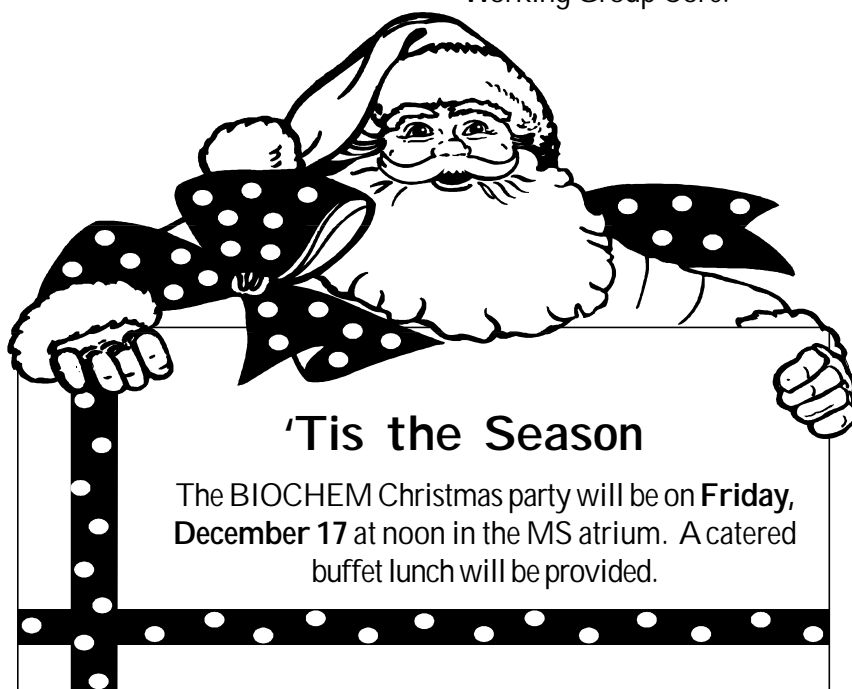
IU's NCI designation has also become possible through the support of organizations such as the Walther Cancer Institute, Riley Memorial Association through the Herman B Wells Center for Pediatric Research, the Howard Hughes Medical Institute, the Indiana Lions Cancer Control Fund, the Indiana Order of the Elks and Clarian Health Partners.

IUSM home to new NIDDK core center

IUSM will be home to one of the nation's first Core Centers of Excellence in Molecular Hematology. The center is being established through a \$4.7 million grant from the National Institute of Diabetes and Digestive and Kidney Disease.

The grant will support basic research and the application of this research to clinical trials using gene therapies for childhood leukemias, adult and child cancers, and a variety of genetic blood diseases and metabolic disorders.

IUSM's new grant will support shared "high-tech" facilities, called cores, to be used by many researchers: the Stem Cell Laboratory Core, the Vector Production Laboratory Core, The Mouse Core, the Cell Molecular Biology Core (**Mark Kelley**, Dir.), and the Gene Therapy Working Group Core.



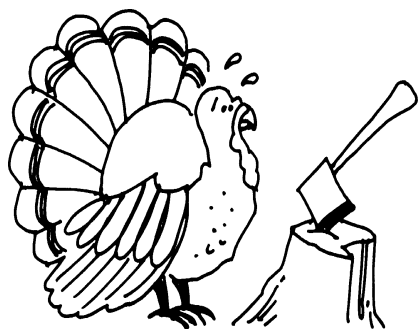
NEW ADDRESSES

Dave Crabb is moving his lab to the VA Hospital

Here is the new address:

Dave Crabb's lab (already moved)
3rd floor, Room D 3038
Mail code 151
Phone: 554-0000, X4546
Fax: None available yet
Note: Dave will still have an office at Emerson 312.

William Agbor-Baiyee has also moved to a new office. He is now located in MS 410. His phone number is unchanged.



IUSM Dean's Search & Screen Committee Includes Biochem Faculty

Dean Holden has announced his intention to retire during the Summer of 2000, before the next school year begins. In hopes of having a new Dean chosen and ready to step in at that time, a Search and Screen Committee has begun work.

Members of that committee include **Dave Crabb, Bob Harris, and Ting-Kai Li.**

Party for Gen-Sheng Feng

Gen-Sheng Feng has submitted his resignation, effective December 31, 1999 to take a position in San Diego. Plan to join us on Thursday, December 2 to wish him well in his new position. The party will be held at 3:00 p.m. in the fourth floor atrium outside the Biochemistry and Molecular Biology office.

New Faces in Biochemistry

Dr. Joyce Hurley has returned to the School of Medicine as an Assistant Scientist in Biochemistry and Molecular Biology.

Dr. Pier Vilardo, new post-doc in Anna DePaoli-Roach's lab.

New Baby

Congratulations to **Paresh and Sonal Sanghani** on the birth of their son, **Jai**. He was born early Friday morning, October 22, 1999 at 3:34 a.m. and weighed 8 pounds, 2 ounces.

Jana and Chakraavarthy Narasimhan are proud parents of daughter, **Maya**, born October 26 at 11:30 p.m.. She weighed in at 6 pounds, 2 ounces and measured 19 inches long.



From a classified ad in a neighborhood newspaper: "For Sale - Toddler bed, white metal frame, practically new But had monsters under it, \$20.

Jim Hightower, former Texas agriculture commissioner, commenting on an elected official: "If ignorance ever goes to \$40 a barrel, I want drillin' rights on that man's head".

It is said that the two questions most often asked in America are: "Where can I park?" and "How can I lose weight?"

A psychology professor and a history professor are sitting on the porch of a nudist colony watching the sun set. The historiann says to the psychologist, "Have you read Marx?"

And the psychology professor replies, "Yes, I think it's the wicker chairs."

Five frogs are sitting on a log. four decide to jump off. How many are left?

Answer: Five.

Why? Because there's a difference between deciding and doing.

