

Biochemistry and Molecular Biology NOTES

Volume 18, No. 10 October, 2005

Dr. Zhang presents Special Seminar

Zhong-Yin Zhang, the new Chair of Biochemistry and Molecular Biology, is setting up a Chemical Biology Core Facility at IUSOM. On **October 14**, he will present a Seminar to illustrate the use and application of Chemical Biology to basic science and clinical research. The seminar will be at **12:00 noon in the Medical Science Building, MS B26** with the title “Chemical Biology: A Primer for Chemical Genetics and Chemical Genomics”

Congratulations!

Congratulations to **Tom Hurley** for receiving the **Glenn W. Irwin, Jr., MD Experience Excellent Award**. This award was set up to recognize faculty and staff members for service “above and beyond the call of duty”.

Congratulations to **Howard Edenberg** for receiving the **Service Award** from **Indiana University School of Medicine** in recognition of his loyalty, diligence and outstanding performance during his 15 years of service on the Biomedical Research Committee.

2005 Biochemistry and Molecular Biology Research Day

Research Day was an outstanding success. We had over 66 posters on display in the Medical Science building atrium on Friday, September 30th. Students and post-docs competed for poster awards in the amount of \$100 each. Congratulations to this year’s winners of the **BIOCHEMISTRY POSTER AWARDS**:

Chad Hunter – student (Rhodes)
Kirk Staschke – student (Wek)
Jinbiao Chen – post-doc (Kapur)
Christopher Lux – student (Yoder)

Congratulations also to the recipients of the following awards:

PEGGY GIBSON AWARD for best paper by a student – **Heather Larson**

JACK DAVIS AWARD for best student seminar – **Eric Benson**
OUTSTANDING MENTOR AWARD – presented by grad students – **Tom Hurley**



Excellent Work!

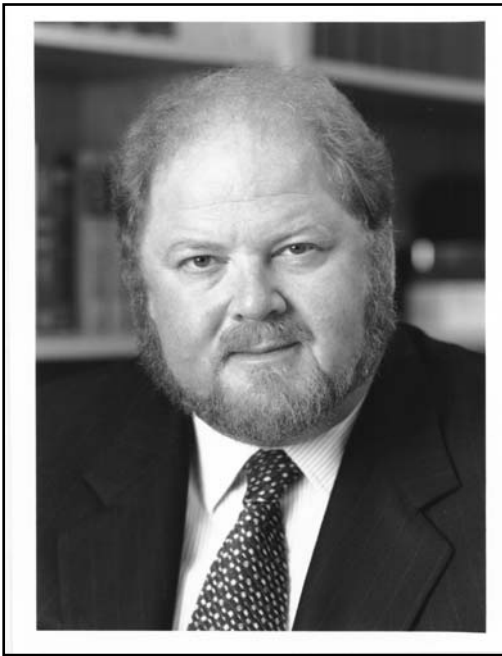
Congratulations to **Helen Jiang** for receiving a grant from the American Heart Association for her research on “eIf2 Kinase Stress Response and Atherosclerosis”.

Congrats to **Chris Lux** in Mervin Yoder’s lab for receiving an American Heart Association predoctoral fellowship with his work on “The Role of Fibronectin in Blood Island Organogenesis”.

Kudos to **Claire Walczak** for receiving an American Heart Association grant for her work, “Microtubule Dynamics Regulation in Mitotic Mammalian Cells”

Congratulations to **David Potter** for receiving a grant from the Susan G. Komen Breast Cancer Foundation for his new project, “Epoxygenase Mechanisms of Breast Cancer Progression”

Congrats to **David Ingram** for receiving funding from the Showalter Trust for his work on “Cord Blood Stem Cell Expansion Ex Vivo with Endothelial Progenitor Cells”



James E. Rothman, Ph.D.

Clyde and Helen Wu Professor of Chemical
Biology at Columbia University
Director of the Judith P. Sulzberger M.D.
Columbia Genome Center

Recipient of the

2005 Steven C. Beering Award for the Advancement of Biomedical Science

Lecture to Medical and Graduate Students

Biomedical Discovery After the Genome
9 a.m., Tuesday, October 25
Emerson Hall Auditorium

Beering Lecture and Award Presentation

Principles of Cellular Membrane Fusion
8:30 a.m., Wednesday, October 26
University Place Conference Center Auditorium

Faculty, Students and Fellows are strongly encouraged to participate.

Lectures will be accessible via Polycom to the Medical Education Centers

Indiana University School of Medicine

Contact: dthurmon@iupui.edu

Biochem Family Picnic

Friday, Sept 9 was a beautiful day for the Biochem Annual Family Picnic. Hot dogs, hamburgers and pitch-in food items were enjoyed by faculty, students, staff and their families. Faculty members challenged the graduate students to a game of softball. The faculty won with a score of 11-7 with the only home run made by **Zhong-Yin Zhang**, our new department chair. Many thanks to all those students who brought in supplies, set-up, manned grills and/or helped clean up. It is because of you that this event was so successful. See you all next year!

Write Winning Grants

The annual IUSM grant writing symposium is now open for registration. "Write Winning Grants" will be on Monday, October 17th in the Riley Outpatient Center auditorium. The course teaches skills in the art of writing a grant that can make the difference between submitting a funded and non-funded proposal. Even funded investigators can benefit from the symposium. Seating is limited. Register on-line or obtain a registration brochure at <http://cme.medicine.iu.edu/registration/default.asp?course=05-235>



Congratulations!



Congratulations to grad student **Sarah Pinkerton** and her new husband Greg Connor. The Connors were married on September 3, 2005 at North United Methodist Church in Indianapolis. After honeymooning in Hilton Head, they moved into a new house in Avon. Greg works at Covance Central Labs. The couple have just adopted a puppy and have named him Indy.



Congratulations!

Congratulations to Grandma **Sandy McClain** on the birth of another granddaughter, Madison Nicole. Little Madison is the daughter of Christina and Mark and was born on Friday, September 9, 2005. She is 7 lbs, 10 oz and is 21" long. Mother and baby are doing fine.

New Faces in Biochemistry



Amanda Dilworth - Hourly Clerical



Olivia Bayer – Work Study (Joyce Hurley)



Tolonda Larry – Work Study (Mark Goebel)



Xiao Yu Post Doc (Zhong-Yin Zhang)



David Eads – Work Study (Joyce Hurley)

October Seminars

Biochemistry

10/3 Dr. Ajay Verma, Associate Professor of Neurology, Uniformed Services University of the Health Sciences, Bethesda, MD. Topic: **“Bioenergetic signaling through 2-oxoacid metabolism”** 4:00 p.m. - MS 326

10/10 Dr. David Crabb, John B. Hickam and Professor and Chair of Medicine, Professor of Biochemistry and Molecular Biology, Indiana University School of Medicine, Indianapolis, IN. Topic: **“New Pathogenic Mechanisms in Alcoholic Fatty Liver”** 4:00 p.m. - MS 326

10/14 Dr. Zhong-Yin Zhang, Professor and Chair, Biochemistry and Molecular Biology, Indiana University School of Medicine, Indianapolis, IN. Topic: **“Chemical Biology: A Primer for Chemical Genetics and Chemical Genomics”** at 12:00 noon - MS B26

10/17 Dr. Peter Prevelige, Professor, Department of Microbiology, University of Alabama at Birmingham, Birmingham, AL. Topic: **“Identification and Therapeutic Targeting of Intersubunit Interactions in HIV-1”** at 4:00 p.m. - MS 326

10/25 Dr. Holly Goodson, Assistant Professor, Department of Chemistry and Biochemistry, University of Notre Dame, Notre Dame, IN. Topic: **“Microtubule plus-end tracking proteins: function and mechanism of a surprising behavior”** 4:00 p.m. - MS 326

10/31 Dr. W. Andy Tao, Assistant Professor, Department of Biochemistry, Purdue University, West Lafayette, IN. Topic: **“Targeted Proteomics Based on Dendrimer Nanoprobes and Mass Spectrometry”** 4:00 p.m. - MS 326

Center for Diabetes Research

10/11 Cancelled

10/25 Dr. Jeffrey Elmendorf, Assistant Professor, Cellular & Integrative Physiology, Indiana University School of Medicine, Indianapolis, IN. Topic: **“Plasma Membrane and Cytoskeletal Staging of Insulin Resistance”** 4:00 p.m. - MS MF 122A (Daly Center).

Center for Computational Biology and Bioinformatics

10/14 Andrew J. Rader, Ph.D., Assistant Professor Physics at Indiana University "Functional Motions of Biomolecular Structures Predicted by Elastic Network Models" MS B26 - 3:30-4:30 (IU POLYCOM NOT AVAILABLE)

10/21 Cancelled



Student Seminars Noon - MS 326

10/5	Alice Ke	Subha Krishnan
10/12	Lan Huang	Beth Lasater
10/19	Courtney Tate	
10/26	Sarah Pinkerton	



Biochemistry is Saving Trees

This will be the last issue of “Biochem Notes” printed on paper. Beginning with the November issue, “Biochem Notes” will be sent by e-mail. “Biochem Notes” can also be viewed each month on our website at <http://www.biochemistry.iu.edu/>