



# Biochemistry and Molecular Biology

# NOTES



Volume 15, No.1

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## Congratulations!

**Maureen Harrington** has been named the Associate Director of M.D./Ph.D. Program for the IU School of Medicine effective Feb. 1, 2002. She also serves as director for the Department's GAANN grant from the Dept. of Education. Maureen now has an office in MS 207, the new location of the IU Graduate Division.

**Debbie Thurmond** was awarded a Biomedical Research Grant for her project, "Regulation of Insulin Secretion by the Actin Cytoskeleton and SNARE Proteins".

**Wayne Wilson** was granted a new Biomedical Research award for his project, "Novel Substrates for Snflp/AMP-activated Protein Kinase".

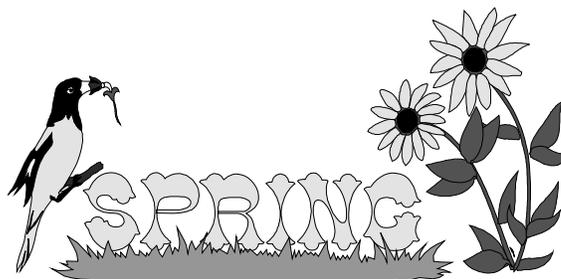
**Jeff Elmendorf** was awarded a Biomedical Research Grant for his project, "Proteomics Analysis of Novel Signals Regulating GLUT4 Translocation".

**Shannon Hawkins**, Ph.D., MS IV, is the recipient of the Wilhelm-Frankowski Award for Community Service and Dedication to Women's Health from the American Medical Women's Association. The award was presented at the annual meeting in San Antonio in March.

**Melissa Bowker-Kinley** and **Shannon Hawkins** were both recently inducted into the Indiana Chapter of Alpha Omega Alpha, the nation's only medical honorary society. Shannon was inducted from the Class of 2002 and will graduate this May. Melissa was inducted from the Class of 2003.

## Important Dates

- 4/22 **March of Dimes Basic Research Pre-App.**
- 4/23 **NIH Committed Continuations**
- 4/30 **Finals begin**
- 5/12 Commencement
- 5/23 NIH Research grants, Program project/center grants, committed continuations
- 6/7 NIH Interactive Research Project Grants
- 6/19 US Army Breast Cancer Research Program
- 6/20 NIH Competing Continuation, supplemental and revised grants
- 8/21 Classes Begin
- 9/2 LABOR DAY
- 9/15 NIH New Research, FIRST and Career Development Awards, All Program Project and Center Grants



# April Seminars

## *Biochemistry Seminars Mondays 4 pm, MS 326*

**4/1 Dr. Ann Stock**, Professor, Department of Biochemistry, UMDNJ-Robert Wood Johnson Medical School, Center for Advanced Biotechnology and Medicine, Piscataway, NJ. **“Phospho-transfer Mediated Signal Transduction in Bacteria”**

**4/8 Dr. Gerald M. Carlson**, Marion Merrell Dow/Missouri Professor of Structural Biology, Professor and Head, Division of Biochemistry and Molecular Biology, School of Biological Sciences, University of Missouri-Kansas City, Kansas City, MO. **“The Ca<sup>2+</sup>-Dependent Communication Network within the Phosphorylase Kinase Complex”**

**4/15 Dr. John C. Lawrence**, Professor of Pharmacology and Medicine, University of Virginia, Charlottesville, VA. **“Signal Transduction by the Mammalian Target of Rapamycin, mTOR”**

**4/22 Dr. Keith Burridge**, Professor, Department of Cell and Developmental Biology, University of North Carolina at Chapel Hill, Chapel Hill, NC. **“Adhesion-mediated Signaling to the Rho Family of GTPases”**

**4/29 Dr. Paul F. Pilch**, Professor of Biochemistry, Division of Graduate Medical Sciences, Boston University School of Medicine, Boston, MA. **“Compartmentalization of Metabolism in Adipocytes”**

## *Biochemistry Student Seminars Wednesdays, 12 Noon, MS 311*

**4/3 Angela Nevins**

**4/10 Lee Ott**

**4/17 David Raches**

**4/24 Lisa VanLeuven**

## *Other Seminars of Interest*

**4/3 4:00 p.m.** Exploration of *Xenopus Laevis* as a Model System for Fanconi Anemia. **Maureen Hoatlin, Ph.D.**, Depts. of Medicine and Molecular Medicine, Oregon Health Sciences University School of Medicine; Portland, OR. **Cancer Research Institute [R4] Auditorium 101.**

**4/4 12:00 noon** Lipid Signaling in Diabetic Vascular Disease. **James P. Walsh, M.D., Ph.D.**, Dept. of Medicine, IUSM; and Chief of Endocrinology and Metabolism, Richard L Roudebush Veterans Affairs Medical Center; Indianapolis. **Institute of Psychiatric Research 115.**

**4/4 4:00 p.m.** Nonprofessional APC Activation of CD8 T Lymphocytes by CD28 Independent Pathways. **Raymond Johnson, Ph.D.**, Dept. of Medicine, Div. of Infectious Diseases, IUSM. **VanNuys Medical Science 326.**

**4/8 11:45 a.m.** Dietary N-3 Fatty Acids and the Brain. **Susan Carlson, Ph.D.**, Midland Dairy Council Professor of Nutrition, Dept. of Dietetics and Nutrition and Pediatrics, University of Kansas Medical Center, Kansas City, KS. **Riley Outpatient Center, Rooms A&B.**

**4/10 12:00 noon** Regulation of Smooth Muscle Calcium Channels by Integrins. **Michael J. Davis, Ph.D.**, Professor, Dept. of Medical Physiology, The Texas A&M University System Health Science Center College of Medicine; College Station, TX. **VanNuys Medical Science 326.**

**4/10 4:00 p.m.** Murine Leukemia Viruses and Transposons as Gene Discovery and Gene Delivery Agents. **David A. Largaespada, Ph.D.**, Dept. of Genetics, Cell Biology and Development, and Director, Mouse Genetics Laboratory, University of Minnesota Cancer Center; Minneapolis, MN. **Cancer Research Institute [R4] Auditorium 101.**

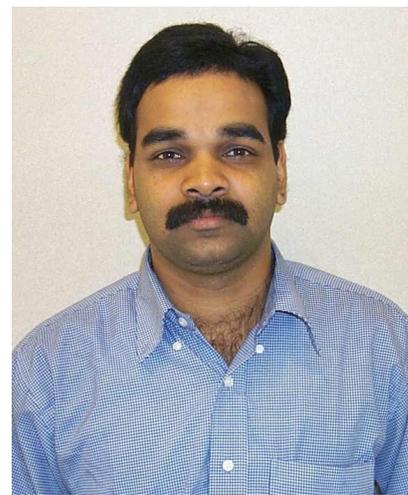
## New Faces in Biochemistry



**Tony Limbil** is a lab assistant in Mark Goebel's lab.



**Melanie Strong** is an hourly lab assistant in the lab of Anna DePaoli-Roach



**Jyothi Thundimadathil** is a postdoc in Roger Roeske's lab

**4/11 12:00 noon** Cholinesterase Inhibitors: From Cell Culture, to Transgenic Mice, to Human Studies. **Debomoy Lahiri, Ph.D.**, Dept. of Psychiatry, IUSM. **Institute of Psychiatric Research 115.**

**4/17 12:00 noon** The Ins and Outs of Zinc in Mammalian Cells. **Professor Arie Moran**, Faculty of Health Sciences, Dept. of Physiology, Ben Gurion University of the Negev; Beer-Sheva, Israel. **VanNuys Medical Science 326.**

**4/17 4:00 p.m.** An Interesting Region Within the Putative Nuclease Domain of E. Coli Endonuclease **V. Y. Wah Kow, Ph.D.**, Dept. of Radiation Oncology, Div. of Cancer Biology, Emory University School of Medicine; Atlanta, GA. **Cancer Research Institute [R4] Auditorium 101.**

**4/18 4:00 p.m.** The Physical and Functional Focus of Viral Peptide Specific T Cell Receptors on the Class I MHC HLA-A2. **Brian M. Baker, Ph.D.**, Dept. of Chemistry and Biochemistry, University of Notre Dame; Notre Dame, IN. **VanNuys Medical Science 326.**

**4/19 12:00 noon** Lymphocyte Turnover in HIV/SIV Infection. 2002 Mark Brothers Lectureship. **David D. Ho, M.D.**, Scientific Director, CEO and Professor, Aaron Diamond AIDS Research Center, The Rockefeller University; New York, NY. **Cancer Research Institute [R4] Auditorium 101.**

**4/25 4:00 p.m.** Initiation of DNA Replication at the Atomic Level; How Papillomaviruses Replicate Their DNA. **Arne**

**Stenlund, Ph.D.**, Associate Professor, Watson School of Biological Sciences, Cold Spring Harbor Laboratory; Long Island, NY. **VanNuys Medical Science 326.**

**4/26 12:00 noon** Redox Modulation of the Ryanodine Receptor. **Dr. George Meissner**, Dept. of Biochemistry, University of North Carolina at Chapel Hill School of Medicine; Chapel Hill, NC. **VanNuys Medical Science A506.**

**4/29 4:00 p.m.** Compartmentalization of Metabolism in Adipocytes. **Dr. Paul F. Pilch**, Professor of Biochemistry, Div. of Graduate Medical Sciences, Boston University School of Medicine; Boston, MA. **VanNuys Medical Science 326.**