

# Biochemistry and Molecular Biology NOTES

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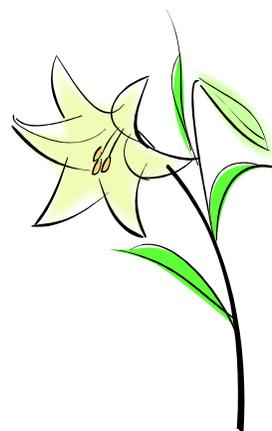
**David Allmann**

**Dr. David W. Allmann**, a longtime faculty member of the Department of Biochemistry and Molecular Biology, passed away on December 15, 2005. Dr. Allmann received his Ph.D. in Biochemistry from Indiana University in 1964. He did postdoctoral work at the prestigious Institute for Enzyme Research at the University of Wisconsin and was an Assistant Professor of Biochemistry at Wisconsin before joining the Department of Biochemistry at Indiana University School of Medicine in 1970. He spent the remainder of his academic career, 35 years, at the School of

Medicine at IUPUI in Indianapolis.

As a research investigator, Dr. Allmann contributed significantly to our understanding of mitochondrial processes and the action of fluoride on cellular metabolism and signaling. Throughout his career, Dr. Allmann was a major contributor to the teaching of Dental, Medical and Graduate School students at IUPUI. He was instrumental in developing problem-based learning courses for students in a variety of programs. He was widely recognized at IUPUI and the Statewide Centers for Medical Education as a leader in developing cases in problem-based learning and in assessment of student learning in this process. Dr. Allmann served as the director of the Medical Biochemistry statewide examination at the School of Medicine and co-director of the course in Medical Biochemistry at Indianapolis. He contributed significantly to the recruitment and admission of graduate students in Biochemistry and Molecular Biology and a newly established Biotechnology Training Program. He was internationally recognized for his

contributions to the recruitment of graduate students from China after the Cultural Revolution through the CUSBEA exchange program. Dr. Allmann made many trips to China to interview and recruit students to US biochemistry graduate programs and particularly the programs at IU School of Medicine. His personal effort to help Chinese students adjust to American culture was widely appreciated by many students who are now successful professors and researchers in universities and industries today. Dr. Allmann was ever the consummate Departmental citizen and an outstanding colleague who will be sadly missed by faculty, students and staff of the Department of Biochemistry and Molecular Biology.





Congratulations to **Claire Walczak** for receiving a NIH grant for her work, "Mechanism of Spindle Assembly and Chromosome Segregation."

Congrats to **Joseph Dynlacht** for receiving a new grant from NASA regarding, "Effects of Estrogen on Cataract Induction after Exposure to High LET Radiation."

Kudos to **Bill Bosron** for receiving an award for his GI Pilot Project, "SNP Analysis of Alcohol Metabolizing Enzymes in Esophageal Tumors"



## IU CFAR Grants Program Seeks Applications

The IU Center for AIDS Research is supporting a new grants program designed to foster and enhance AIDS research and to increase the extramural support for AIDS research on the IUPUI campus. Three types of applications will be considered.

➔ **Young investigator awards** – applicants (MD or PhD) must be within the first 5 years of their faculty appointment and have no NIH grant support (except K awards)

➔ **New AIDS investigators** – applicants (MD or PhD) can have active or previous NIH grant support in other fields, but no NIH support for AIDS research.

➔ **Emerging opportunities** – open to any investigator (MD or PhD), funds to be used to pursue a research opportunity that will only be available for a limited time, but can lead to additional future extramural funding.

Applications will be considered in the broad areas of AIDS research including but not limited to HIV biology, epidemiology or pathogenesis; pathogenesis of opportunistic infections; complications of HIV treatment and prevention of HIV infections. Applications may be laboratory-based, clinical, translational or behavioral.

Applicants may request funding up to \$20,000 per year for one or two years. Awards will be made for one year with funding for a second year (if requested) contingent on progress during the first year and preparation of an

application for external funding. Emerging opportunity awards will be limited to one year.

Applications should be submitted electronically on PHS 398 forms at [www.grants.nih.gov/grants/funding/phs.398/phs398.html](http://www.grants.nih.gov/grants/funding/phs.398/phs398.html) using the instructions for an R03 application [www.grants.nih.gov/grants/funding/r03.htm](http://www.grants.nih.gov/grants/funding/r03.htm), i.e., limited to 10 pages for the narrative portion. When appropriate, applicants are encouraged to submit the same or similar application to NIH as an R03 with the understanding that if the proposal is funded by NIH, the remaining IU-CFAR funds would be returned.

Applications for young investigator awards and new AIDS investigator awards are due **Friday, Feb. 17**, with an anticipated start date of May 1. Emerging opportunity award applications may be submitted at any time (with the approval of CFAR director) for a start date 8-12 weeks after submission.

For additional questions, to obtain a list of current CFAR investigators, or to submit applications, contact Kenneth Fife, M.D., Ph.D. in Emerson Hall room 435, 274-8114, or via e-mail at [kfife@iupui.edu](mailto:kfife@iupui.edu).



## New Faces in Biochemistry



Sherry Fears, Research Associate (Bosron)



Yantao He, Post-Doc (Zhang)



Catia Checchinata, Visiting Post-Doc (Wek)



## Weddings



Congratulations to graduate student **Sirisha Asuri** and Naren Tirukovela who were married in a formal Indian wedding ceremony in Hyderabad, India on Dec. 24, 2005. The groom works as a software engineer in Chicago.



Congratulations to Jennifer and **Chad Walls** (graduate student) who were married at the State Capitol building on the evening of December 31<sup>st</sup>, 2005. The couple honeymooned on a cruise of the Southern Caribbean (ports of call -Aruba, St. Maarten, and St. Thomas).

## HHMI Accepting Award Applications

The Howard Hughes Medical Institute is accepting applications for the Physician-Scientist Early Career Award. Deadline is **Tuesday, March 14.**

The competition is open to alumni of HHMI-NIH Research Scholars and HHMI Research Training Fellowships for Medical Students who have received an MD, PhD, DDS, MD/PhD, or equivalent degree. Proposed research projects must be in the basic, translational or applied biomedical sciences.

Additional details for the award can be found at [www.hhmi.org/grants/individuals/earlycareer.html](http://www.hhmi.org/grants/individuals/earlycareer.html). For more information, call 800-448-4882, ext. 8889, or email [earlycareer@hhmi.org](mailto:earlycareer@hhmi.org).





## February Seminars

### Biochemistry

**2/6 Dr. Scott Briggs**, Assistant Professor, Department of Biochemistry, Purdue University, West Lafayette, IN. “**Set1-mediated histone methylation**” at 4:00 p.m. on Monday, February 6, 2006 in Medical Science Building, MS 326.

**2/20 Dr. Xin-Yun Huang**, Professor, Department of Physiology, Cornell University Weill Medical College, New York. “**Cell Migration and Tumor Metastasis**” at 4:00 in MS 326.

### Center for Diabetes Research

**2/28 Dr. Kimberly Buhman**, Assistant Professor, Department of Foods and Nutrition, Purdue University, West Lafayette, IN. “**Role of ACAT Enzymes in Intestinal Lipid Absorption**” - 4:00 p.m. - MF 122A (Daly Center)

### Center for Computational Biology and Bioinformatics

**2/3 Dr. Xiaoman Shawn Li**, Division of Biostatistics, Department of Medicine at Indiana University “**Sampling motifs on phylogenetic trees**” 3:30 p.m. – MS 326

**2/10 Dr. Toshiko Ichiye**, Department of Chemistry Georgetown University “**Computational Studies of Iron-Sulfur Proteins: Electronic Devices of the Cell**” 3:30 p.m. – MS 326

**2/17 Sun Kim, Ph.D.**, Assistant Professor School of Informatics Center for Genomics and Bioinformatics Indiana University. “**PLATCOM: Platform for Computational Comparative Genomics**” 4:00 p.m. – MF 122A (Daly Center)

**2/24 Dr. Mathew Palakal**, Professor of Department of Computer and Information Science, Indiana University Purdue University. “**Augmenting Biomedical Research using User-Centric Bioinformatics Tools**” 4:00 p.m. – MF 122A (Daly Center)

### Student Seminars Noon - MS 326

Feb 1	Donghui Zhou Sixin Jiang
Feb 8	Eric Bensen Brandy Akin
Feb 15	Daphne Farrington
Feb 22	Eshwar Udho

