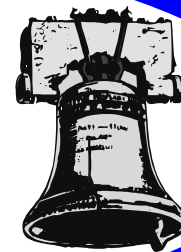




# Biochemistry and Molecular Biology

# NOTES



Volume 15, No.4

July 2002

## Congratulations!

**David Skalnik** is the project director of a new NIH program project recently awarded to the Wells Center. **Lawrence Quilliam** and **Mary Dinauer** are co-PIs on Project 3. **Wade Clapp** and **Simon Atkinson** are also PI's on the 5-year project, Regulation of phagocyte function by Rac2. It runs April 1, 2002 through March 31, 2007.

**Samantha Perez-Miller**, a Biophysics Ph.D. student in Tom Hurley's laboratory, won the Pauling Prize for her poster entitled "A 1.4 Å Structure of Mitochondrial Aldehyde Dehydrogenase: Understanding Nicotinamide Isomerization", at this year's annual American Crystallographic Association in San Antonio, Texas. **Heather Larson**'s poster entitled "Co-factor Binding Induces Disorder to Order Transition in Mitochondrial Aldehyde Dehydrogenase" was selected for a 30-minute talk in the General Interest Symposium at the same meeting.

**Suk-Hee Lee** will be honored at a departmental reception on Monday, July 1 in recognition of his promotion to full professor. Congratulations!

Congrats to **Tracy Anthony** of the Evansville Center for Medical Education on receipt of a Summer Research Fellowship from the IUPUI Office for Professional Development for her project, "Regulation of Protein Synthesis by Amino Acids".

Congratulations to **Jean Hamilton**, who received a 2002 Trustees' Teaching Award which emphasizes IU's commitment to outstanding teaching. The award recognizes Dr. Hamilton for her many years of excellent teaching in our medical and graduate programs. Please join us in extending our congratulations and thanks to her for a job well done!

Three Biochemistry grad students were awarded Cancer Biology Fellowships: **Paula Ladd** of Dave Skalnik's lab, **Lee Ott** of Maureen Harrington's lab, and **Lisa Van Leuven** of Mark Goebel's lab. The one-year fellowships begin July 1, 2002. Congratulations to all!

### On the move

**Ken Payie** and **Carter Herndon** of John Hawes' NSF research group have taken up temporary quarters in MS 220 until the new BRTC building is ready in early 2003. They are joined by **Maria McGill**, a former BBF employee and current science teacher in the Brownsburg school system; she's working here this summer. Also relocated to MS 220 is **Betsy Ingle** of Judy White's lab. They can all be reached at 278-8465. And **Darlene Lambert** and **Ross Cocklin** of the BBF have given up their temporary space in old Med Sci for desk spaces in the BBF, MS 4032.

# July Seminars

## Dehua Yu

Graduate Student  
Biochemistry and Molecular  
Biology  
Indiana University School of  
Medicine  
Indianapolis, IN

### Topic:

“Regulation of Cell Motility by  
Shp-2 Tyrosine Phosphatase”

9:00 a.m.

Tuesday, July 23, 2002  
Medical Science Building,  
MS 326

## Chunmei Zhao

Graduate Student  
Biochemistry and Molecular  
Biology  
Indiana University School of  
Medicine  
Indianapolis, IN

### Topic:

“Identification and  
Characterization  
of Gab2 and Gab2-associated  
Protein GC-GAP”

9:00 a.m.

Wednesday, July 24, 2002  
Medical Science Building,  
MS B26

## Important Dates

- 7/4 INDEPENDENCE  
DAY  
8/21 Classes Begin  
9/2 LABOR DAY  
9/15 NIH New Research,  
FIRST and Career  
Development Awards,  
All Program Project and  
Center Grants  
9/21 Biochem Retreat



## DNA Workshop held

On Wed. June 19 **John Hawes, Oun Kheav, and Samantha Panga** presented a DNA Sequencing Workshop in the Biochem Conference Room to a packed house. Attendees gathered to learn more about preparing samples, how to improve results, and the steps involved in the sequencing process. Based on future needs, they plan to have another workshop in early fall. As always, researchers are encouraged to stop by the BBF at MS 4032 or call them at 274-5044 for information and help, or check out their website: [www.bbf.iu.edu](http://www.bbf.iu.edu).

## Recent Publications

**Gibbons, B.J., Roach, P.J., and Hurley, T.D.** (2002) Crystal structure of the autocatalytic initiator of glycogen biosynthesis, glycogenin. *J. Mol. Biol.* **319**:463-477. The cover of this issue of *J. Mol. Biol.* bears a picture of glycogenin from the article.

Hammen, P.K., Allali-Hassani, A., Hallenga, K., **Hurley, T.D.**, and Weiner, H. (2002) Multiple conformations of NAD<sup>+</sup> and NADH when bound to human cytosolic and mitochondrial aldehyde dehydrogenase. *Biochemistry* **41**:7156-7168.

Li, B., Ruiz, J.C., and **Chun, K.T.** 2002. CUL-4A is Critical for Early Embryonic Development. *Mol. Cell. Biol.* **22**:4997-5005.



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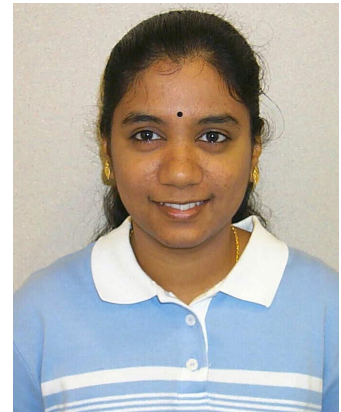
# New Faces in Biochemistry



**Young-Ju Lee** is a Visiting Research Associate in Suk-Hee Lee's lab



**Hengbing Wang** is a Visiting Research Associate in Howard Edenberg's lab



**Gayathri Rajan** is a Research Technician in Howard Edenberg's lab



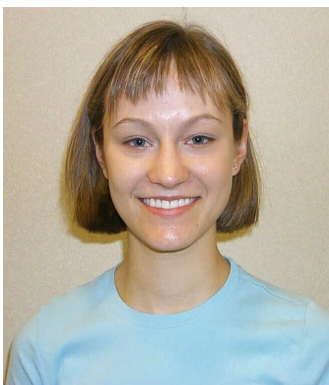
**Antonio Glass** is a lab assistant in Debbie Thurmond's lab



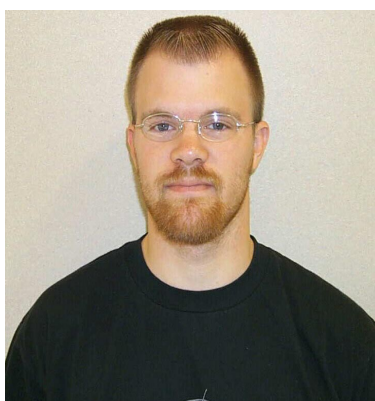
**Rachel Goldberg** is a summer lab assistant in Howard Edenberg's lab



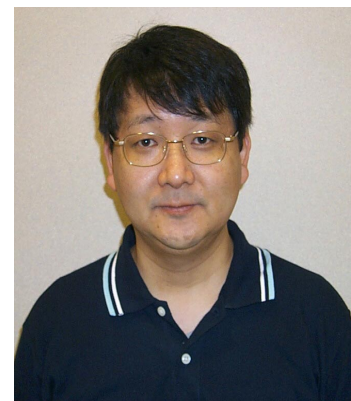
**Heather Aloor** is a Research Technician in Howard Edenberg's lab



**Emily Miner** is a summer lab assistant in Tom Hurley's lab



**Anthony Acton** is a summer lab assistant in Matt Grow's lab



**Takahiro Abe** is a postdoc in Jim Walsh's lab

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