

## Congratulations!

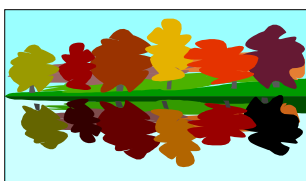
### New Assistant Scientists in Biochem

**Krishna Vattem** and **Helen Jiang** were appointed to the rank of Assistant Scientist in Ron Wek's lab. **Sonal Sanghani** is a new Assistant Scientist as the Associate Director of the Biotech Training Program at BRTC. Congratulations, all!

### New Awards

**Weinian Shou** received funding from Showalter Trust for "The role of BMP-10 in Regulating Cardiac Growth".

**Mark Kelley** received a five year grant from the National Cancer Institute for the project entitled, "Therapeutic/mechanistic role of APE1 in germ cell tumors."



**Alecia Sizemore** received a Howard Hughes Medical Institute medical student fellowship for her project, "Tumor Necrosis Factor-alpha modulation of hypoxia inducible factor-1 alpha protein stability". Alecia was one of 60 medical students selected from 24 medical institutions across the country. This fellowship program enables students like Sizemore to spend a year doing mentored research and learn what it means to be a physician-scientist.

Two Biochemistry students were awarded Cancer Biology Training Program fellowships:

**Erin Haag** of Maureen Harrington's lab is currently studying the regulation and development of the innate immune response, TNF signaling and embryonic development. **Paula Ladd** of David Skalnik's lab is researching the regulation of gene expression and development in phagocytic cells and the

characterization and cloning of DNA-binding proteins that direct lineage-specific gene expression.

### New GAANN Fellowships for 2003-04

The Department's GAANN Fellowship Program (Graduate Assistance in Areas of National Need) through the Dept. of Education provides 4 fellowship awards for graduate students interested in exploring teaching as part of their post-graduate careers. The program provides a stipend, fee remission, travel to a scientific meeting, plus support for educational and research materials. The grad students selected for this year's awards are new students **Dawn Brown** and **Courtney Tate**, **Monique Pierre** of Merv Yoder's lab, and **Yahaira Naaldijk** of Kristin Chun's lab. Congratulations to all!

## October Seminars

*Biochemistry Seminars*  
Mondays 4 pm, MS 326

**10/6 Dr. Gerry S. Oxford**, Executive Director, Stark Neurosciences Research Institute, Professor of Pharmacology & Toxicology, IUSM  
**“Dopamine Receptors & Potassium Channels: How Many are Too Many? And So What?”**

**10/13 Dr. Steve F. Abcouwer**, Assistant Professor, Department of Biochemistry and Molecular Biology, University of New Mexico School of Medicine.  
**“Hypoxia is not the only environmental trigger of the angiogenic switch: Control of pro-angiogenic gene expression by nutrient deprivation and ER stress”**

**10/20 Dr. Jue Chen**, Assistant Professor, Purdue University, West Lafayette, IN; **“A tweezers-like motion of the ATP-binding cassette dimmer in an ABC transport cycle”**

**10/27 Dr. Taekjip Ha**, University of Illinois, Urbana-Champaign. **“Probing DNA protein interactions using single molecule fluorescence spectroscopy”**

**10/28 Tues. 4 p.m. Dr. Jin-Sam You**, Research Associate, Biochemistry and Molecular Biology Dept., IUSM. **“Blood contamination in CSF determined by proteomic analysis”**

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

**10/1 Lee Ott**  
**10/8 Candy Heyen**  
**10/15 Monique Pierre**  
**10/22 Wei Wang**  
**10/29 Keri Varner**

*Center for Diabetes Research Seminars, Tuesdays, 4:00 pm, MS 185*

**10/14 Dr. Patricia Gallagher**, Associate Professor, Cellular & Integrative Physiology, IUSM. **“Role of myosin II in trafficking of the Glut 4 receptor”**

**10/28 Dr. Xin Zhang**, Assistant Professor, Medical & Molecular Genetics, IUSM. **“Control of a master regulatory gene for organ development”**

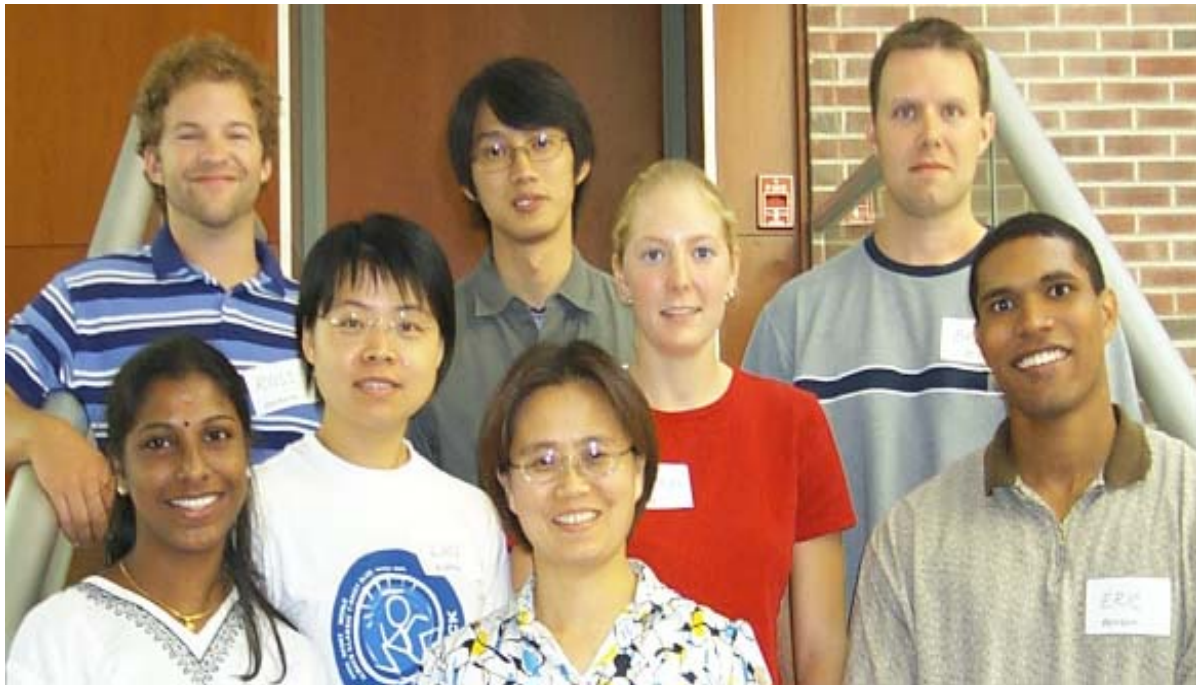
## Recent Publications

**Castro, A.F., Rebhun, J.F., Clark, G.J. and Quilliam, L.A.** (2003). The Ras-related GTPase Rheb binds the tumor suppressor TSC2 and promotes S6 kinase activation in a rapamycin- and farnesyl transferase inhibitor-dependent manner. *J. Biol. Chem.* 278, 32493-32496.

## Important Dates

10/1 NIH New Research  
11/1 NIH Competing Continuation and Revised Grants  
11/27 Thanksgiving  
11/28 Friday after Thanksgiving  
12/25 Christmas  
1/1/04 Happy New Year!





Our new graduate students this Fall include:

**3rd row: Ross Cocklin, Sunyong Tang, Brian Beck**

**2nd row: Lan Huang, Courtney Tate**

**1st row: Raja Muthukrishnan, Li Fan, Eric Benson**

Pictured at right are **Dawn Brown, Aditya Bansal**

Not pictured: **Byoungsoon Hwang, Daphne Farrington, Barry Steinkamp**



**Dawn Brown**



**Aditya Bansal**

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## New Faces in Biochemistry

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**Debbie Tomamichel** ..... and .....**Susan Montgomery**  
are new Administrative Office Staff.



**Jim Laskey** is a Research Analyst in the Biotech Training Program at the BRTC.



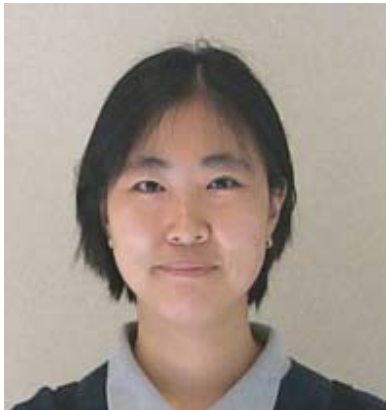
**Brad Poteat** is a Visiting Research Associate in Dr. Bosron's lab at the BRTC.



**Brett Armes** is an hourly lab assistant in Dr. Keith Dunker's lab.



**Li Jiang** is a Research Tech in Dr. Mu Wang's lab at the BRTC.



**Eunjin Oh** is a postdoc in Dr. Thurmond's lab.



**Sarah Delaplaine** is a Research Tech in Dr. Georgiadis' lab.



**Bridgett Dillworth** is a work-study student for Dr. DePaoli-Roach's lab.

**Not pictured:**

**Bhanu Potugari** is an hourly lab assistant working for the Biotech Training Program at the BRTC.

**Chad Walls** is a Research Tech for Dr. Mu Wang's lab at the BRTC.

**Great Times at the Biochem Picnie on Sept. 5**

Over 100 Biochem folks and their families enjoyed the picnic on Friday, 9/5 at Eagle Creek Park in NW Indianapolis. A clear blue sky and crisp, pre-fall temperatures provided an excellent background for the day's festivities. Faculty, staff and students shared grilling duties to make an abundance of hamburgers and hot dogs. An array of pitch-in dishes added to the culinary delights.

Sports enthusiasts found plenty of room for soccer and volleyball. Students and faculty squared off for a softball game that resulted in a landslide victory for the students. A tip of the hat to everyone who prepared and/or delivered food, set up the site, served as grill masters, brought sports equipment, and cleaned up. Your efforts made the picnic an enjoyable success. We hope to see you at next year's picnic!