


Mitra, S., A. Laederach, B.L. Golden, R.B. Altman and M. Brenowitz. 2011. RNA molecules with conserved catalytic cores but variable peripheries fold along unique energetically optimized pathways. RNA 17: 1589-1603.
Saying Goodbye

Ziniu Zhou’s last day with the Tao lab was July 19. Ziniu is returning to his home country of China in August where he will begin a faculty position at Zhejiang Pharmaceutical College in the City of Ningbo, which is in Zhejiang province where he was born. His research focus will be in the area of heterocyclic chemistry. Ziniu says that he will miss the Department of Biochemistry very much, but he and his wife, Junli Xie, are looking forward to being back close to family.

New Faces

Ms. Qiuyi Lu is a visiting scholar with the Liu lab until September. Qiuyi is in the bioscience masters program at the King Abdullah University of Science and Technology in Saudi Arabia.

Going the Extra Mile

Dr. Barbara Golden gave a talk entitled, “The HDV ribozyme has a hybrid engine,” at the 2011 Meeting of the RNA Society in Kyoto, Japan.

Dr. Andy Tao traveled to China to be one of six instructors for the NSF-NSFC (National Science Foundation of America and China) Mass Spectrometry Workshop and Symposium in Beijing where he gave a talk entitled, “The current challenges and opportunities of mass spectrometry-based proteomics: Case studies with phosphoproteomics.” While in China he visited two other universities in Changsha and Suzhou to collaborate with colleagues.

Awards & Recognitions

Anton Iliuk (Tao lab) received a Purdue Realization and Entrepreneurship Postdoctoral Program (PREPP) award for $40,000 designed to help him commercialize products developed in the lab.

Student News

Jessica Schoenherr passed her Ph.D. defense on July 19. Congratulations!

Summer Visitors

This summer we have had three different outreach events hosted by Jim Henderson and our graduate students. At the end of June there were 60 4-H students from all over Indiana who participated in experiments about polymers. The students made slime and played with a snow-like polymer. On July 14 there were 25 HASA Jr. middle school students throughout the United States from urban areas interested in agriculture who participated in experiments to extract DNA from plants to test if the plant was transgenic using PCR. On Jul 18 Paul South and Kayla Harmeyer (Briggs lab) lead experiments for 20 exceptional high school seniors throughout Indiana, participating in Experience Purdue, to illustrate the importance of polymers where they extracted DNA from bananas.
**Strictly Personal**

Zhen Yang (Clemens lab) and his wife, Li Yi, welcomed their first child on June 27. Shyna Yang weighed in at 7 lbs. 14 oz. Everyone is home and doing fine.

Rakesh Joshi (Ph.D. 2011, Gimble) was married in India in June.

**Upcoming Events**

- **August 15**: Graduate Orientation Begins
- **August 19**: Graduate Orientation Welcome Lunch 12:00 p.m. BCHM Building; 1st floor
- **August 22**: Fall 2011 Classes Begin
- **August 23**: BCHM Seminar Series WSLR 116; 4:00 p.m. Joe Ogas
  Department of Biochemistry
  Role of CHD3 Chromatin Remodelers in Gene Expression in Arabidopsis

**Birthdays**

Ben Carter
Fred Gimble
Andrew Huh
Linda Siersema

**Safety Corner**

The Weather Emergency Warning Procedures have been added to the BCHM Safety page on the Web. Please make sure to review them and be prepared for weather emergencies.

http://www.ag.purdue.edu/biochem/department/Pages/DeptSafetyPg.aspx

Molecular Matters

http://www.ag.purdue.edu/biochem/department/Pages/newsletter.aspx
Purdue Memorial Union
GRADUATE ADMINISTRATIVE PROFESSIONAL

POSITION: The Graduate Administrative Professional is a half-time (20 hours per week) administrative appointment, which includes evening and weekend responsibilities. This position operates within the Purdue Memorial Union, Programs and Recreation Department within Housing and Food Services. The stipend for the position is $1,274 per month, plus tuition remission.

This position will assist in the advisory role for committee areas of the Purdue Student Union Board (PSUB). Duties may include assisting student leaders with the selection, planning, implementation, and evaluation of campus-wide programs and entertainment. Serves as on-site event management and provides supervision of student volunteers, while representing the Union administratively. Assist with customer service for the Programs and Recreation Department. Some clerical office work involved and special projects will be assigned for the Program and Recreation Department. Perform other duties as assigned.

Major Duties and Responsibilities:
• Attends committee meetings, advises committee on decisions and works through personnel problems with the committee directors.
• Assures that publicity is correct and published in a timely manner.
• Attends weekly board meetings, advisory staff meetings, and provides information about programs and personnel as requested.
• Reviews letters of agreement or contracts with any performers to assure that they are filled out correctly and appropriate riders are included. Reviews physical arrangements with the artists and checks that the committee has made appropriate arrangements.
• Staffs programs and completes set up and technical arrangements for the performers and assists students at the event.
• Communicates and enforces event, facility, and University rules and policies to provide a proper environment for the events, i.e., no alcoholic beverages, no smoking, room capacity limits, etc.
• Assures that appropriate standards of behavior of individuals are upheld for the safety of the attendees, the protection of facilities, and the success of the event.
• Reviews and maintains attendance records, event reports, and financial information.
• Gather and distribute student office mail
• Other duties as determined by the Director of Programs and Recreation or Program Manager.

Required qualifications:
• Earned Bachelor’s degree and admission into a Purdue University graduate program
• Experience with and interest in student organizations and co-curricular development
• Superior interpersonal and communication skills, both verbal and written
• A passion for student organizations and all campus programming and entertainment
• Be team oriented, willing to learn on the job
• Understanding and ability to do event planning
• Computer proficiency
• Ability to work within a budget

To Apply: Interested candidates should send a resume, letter of interest, and the names of three professional or academic references to Margie Jones, Program Manager, PMU or email her at mctucker@purdue.edu.

HumanZyme, Inc. – Chicago, IL.
PROTEIN BIOCHEMIST POSITION: We are seeking a highly motivated Scientist/Research Associate to complement the company’s existing R&D team. The position works under the direction of senior scientists and has a primary role focused on purifying and characterizing recombinant proteins.

Requirements
• Ms/Ph.D. In Biochemistry, or related discipline with emphasis in analytical chemistry
• Must have strong technical proficiency with experience in a variety of protein chromatography and analysis techniques
• Must have experience in protein expression and purification
• Must have good organizational skills and the ability to work effectively in a multi-project environment
• Must possess strong interpersonal and verbal/written communication skills
• Must possess ability to function in a team environment

To Apply: Forward your resume including three references by mail to the address below, or electronically to info@humanzyme.com.