**Publications**


**Going the Extra Mile**

Dr. Joe Ogas gave a seminar entitled, “Role of CHD3 chromatin remodelers in gene expression in Arabidopsis,” to the Department of Biochemistry and Molecular Biology at Wright State University in Fairborn, OH in late September.

Sherry Pogranichny (Undergraduate Program Coordinator) and Dr. Roman Pogranichniy (Comparative Pathobiology) traveled to Ukraine in September to assist the College of Agriculture and the School of Veterinary Medicine in establishing ties in that country. They visited universities, research centers and cultural sites in and around the cities of Feodosia, Kharkiv, Kyiv and Lviv. The short-term goal is to take a group of vet med and pre-vet students to Ukraine during Maymester 2012.

**Inside this Issue**

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Annunciation Cathedral in Kharkiv, Ukraine
We welcome Dr. Bob Pruitt to the building. Bob is a professor in Botany and Plant Pathology. His lab was previously located in WSLR and he moved to BCHM room 112 on October 1.

Jennifer Crodian started working for Dr. Karen Plaut on September 27 as a research assistant. Dr. Plaut is the Director of Ag Research Programs and a professor of Animal Sciences, but has a lab in BCHM (room 320). Prior to joining the Plaut lab, Jennifer worked for eight years in the Department of Animal Sciences for Dr. Paul Collodi as a research associate. In her spare time, she enjoys volunteering with Girl Scouts and a Greek women's fraternity on campus. Her family includes husband, Mike, and children, Ben and Kate.

Dr. Jian-Kang Zhu joined the Department of Biochemistry and the Department of Horticulture and Landscape Architecture on October 1. Dr. Zhu was recruited from the University of California – Riverside through the Leading Faculty Program. The program was designed to bring in faculty who could catalyze the future development of specific strengths of Purdue and help move strong programs to new levels of excellence. Dr. Zhu was recently elected to membership in the National Academy of Sciences.

Dr. Zhu publishes routinely in scientific journals of the highest scholarly impact, including *Nature*, *Science*, *Cell*, *The Plant Cell*, and *Proceedings of the National Academy of Sciences, U.S.A*. He was recognized in 2008 as the most cited plant scientist in the United States for the period 1997-2007, according to a survey by ScienceWatch.com, an open Web resource for science metrics. Dr. Zhu received the Charles Albert Shull Award from the American Society of Plant Biologists in 2003 for his exceptional contributions in plant biology research, and the following year he was named a Fellow of the American Association for the Advancement of Science, which cited him for his pioneering work in the field of plant stress biology research.

He has a joint appointment with the two departments, with his primary appointment in Horticulture.

Dr. Robert T. Sauer, Department of Biology, Massachusetts Institute of Technology presented this year’s Bernard Axelrod Lectures on October 18 and 19. Dr. Sauer received his undergraduate education at Amherst College (Biophysics) and his Ph.D. training at Harvard University (Biochemistry and Molecular Biology). Using the tools of protein biochemistry, molecular genetics, and structural biology, his lab has studied protein-DNA interactions, protein folding and stability, and most recently, mechanisms of intracellular protein degradation.

The department underwent its external review by the National Institute of Food and Agriculture on October 6-8. An external review of every department is mandated by the University every 5 years. The exercise is an opportunity to showcase the department and program strengths; as well as a time to discuss opportunities for improvement. The review team was led by Dr. Kitty Cardwell of USDA, with members Dr. Bob Deschenes from University of South Florida (BCHM alumnus, Ph.D. 1984 Dixon), Dr. Erich Grotewold from The Ohio State University, and Dr. Doug Turner from the University of Rochester (NY).

Nick Anderson passed his Preliminary Exam on September 28. Congratulations Nick!

Qiang Gao (Regnier lab) successfully defended his thesis on October 1. Qiang will move to Massachusetts where he will begin his job as a research scientist with the R&D division of Sanofi-aventis in Cambridge later in October. Sanofi-aventis is part of a leading global pharmaceutical company that discovers, develops, produces and markets innovative therapies that enhance people’s lives.
The annual research retreat was held on October 2 at Turkey Run State Park Inn. The event offered an opportunity for everyone to share research in the form of oral presentations and posters. This year’s Keynote Speaker was Dr. Kristian Baker from Case Western Reserve University. The schedule included a team-building activity and a lot of time for socializing and enjoying the outdoors. This year everyone was given the opportunity to vote on posters and the winners were Michelle Drennan (Clemens lab), Yi Li (Chapple lab) and Kayla Harmeyer (Briggs lab).
In Last month’s IT Corner I featured some free web based software solutions to increase your productivity and solve some simple problems. This month I am going to introduce you to “Software Remote”. Software Remote provides free access to software from any computer with an internet connection and a web browser. Many software programs are available, including Adobe Creative Suite 5, and both the 2007 and 2010 versions of Office. You will need to follow the instructions below to access the software.

2. Log in using your Purdue Career Account login and password.
3. If this is the first time accessing Software Remote, install the Citrix client on your computer. The Citrix download link and instructions will appear on the web page once you have logged in.
4. Scroll though the icons presented and select the software application you want to run.

If you are off campus and would like to try this you must first connect to VPN. You will need Administrative Rights to install the client, so if you need help with this part, let me know. It is not obvious where your files are saved when you first start using the software, but for most people they will be located in your Career Account home drive/share. On a PC this is \stone.ics.purdue.edu and from a Mac you would enter smb://stone.ics.purdue.edu in the “connect to server” dialog.

If all the above seems complicated or you get stuck on any step, feel free to call, email, or stop by, and I will be happy to help you out.

—Joe Levell, IT
**Upcoming Events**

October 26  
BCHM Seminar Series  
WSLR 116; 4:00 p.m.  
**Wei Dai**  
Department of Environmental Medicine and Pharmacology  
New York University, School of Medicine  
*Regulation of Cell Cycle Regulators by Post-translational Modifications*

October 29  
Graduate/Postdoc Seminar Series  
WSLR 116; 12:30 p.m.  
Jennifer Jacobi and Aurelie Chuong

November 2  
McCoy Distinguished Lecture  
Fowler Hall; 3:30 p.m.  
**David Salt**  
Horticulture and Landscape Architecture  
Purdue University  
*IONOMICS: A New Approach in Bridging the Gaps Between Genomes, Organisms and their Geographical Distribution*  
Hosted by Horticulture and Landscape Architecture

November 5  
Graduate/Postdoc Seminar Series  
WSLR 116; 12:30 p.m.  
Shinyoung Lee and Kayla Harmeyer

November 9  
BCHM Seminar Series  
WSLR 116; 4:00 p.m.  
**Karen Arndt**  
Department of Biological Sciences  
University of Pittsburg  
*Analysis of Proteins that Couple Chromatin Modification to Transcription Elongation*

November 12  
Graduate/Postdoc Seminar Series  
WSLR 116; 12:30 p.m.  
Yi Li and Michael Melesse

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**Service Directory**

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<td>Joe Levell</td>
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http://www.ag.purdue.edu/biochem/department/Pages/newsletter.aspx  
OCTOBER 2010
Kansas State University
FACULTY POSITION: Department of Biochemistry
This tenure-track position is at the Assistant or Associate Professor level with a hard-money nine month appointment and two months of summer salary covered in the first two years. Preference will be given to applicants with research interest and experience in areas that complement and enhance existing programs, which include physical and structural biochemistry, cellular biochemistry, and biochemistry of insects and plants. Candidates should have a background including a Ph.D. degree or equivalent, postdoctoral experience, and publications in biochemistry. Candidates must have excellent teaching skills and be able to teach undergraduate and graduate courses in biochemistry. Assistant rank: must be able to develop and sustain an extramurally supported independent research program. Associate rank: must have an established, extramurally-funded research program. To Apply: Submit single pdf file that includes CV, state of research and teaching interests, and selected reprints sent to bchsrsrch@ksu.edu. Three letters of reference should be submitted separately to the same address. Please refer questions to Michael Kanost, Department Head, by email to kanost@ksu.edu.

Stony Brook University, New York
FACULTY POSITION: Structural Biology and Biochemistry
Stony Brook University invites applications for a tenure-track position as Assistant Professor or Associate Professor of Biochemistry and Cell Biology in the area of Structural Biology/Biochemistry starting in Fall 2011. Stony Brook’s proximity and unique access to facilities at Brookhaven National Laboratory make this an ideal opportunity for crystallographers. Candidates must have a Ph.D. in biochemistry, chemistry, or a closely related field, as well as, postdoctoral experience. Candidates must have demonstrated excellence in innovative research and have a strong commitment to teaching at the undergraduate and graduate levels. To Apply: submit a single PDF file containing a cover letter, curriculum vitae and proposed research plans. In addition, applicants should arrange to have three letters of recommendation submitted on their behalf. All application materials should be submitted to: BiochemFacSearch@notes.cc.sunysb.edu, JOBS Reference #: F-5996-10-10F. For more information about our Department, please visit: http://www.sunysb.edu/biochem/.

FACULTY POSITION: Cell and Developmental Biology
Stony Brook University invites applications for a tenure-track position as Assistant Professor in the Department of Biochemistry and Cell Biology in the area of cell and developmental biology starting Fall 2011. Required: Candidates must have a Ph.D. in the biological sciences or a closely related field, as well as postdoctoral experience. Candidates must have demonstrated excellence in innovative research and have a commitment to teaching at the undergraduate and graduate levels. To Apply: submit a single PDF file containing a cover letter, curriculum vitae, and proposed research plans. In addition, candidates should arrange to have three letters of recommendation submitted on their behalf. All application materials should be submitted to: BiochemFacSearch2@notes.cc.sunysb.edu, JOBS Reference #: F-6495-10-09. For more information about the Department, please visit http://www.sunysb.edu/biochem/.

POSTDOCTORAL RESEARCH
ASSOCIATE POSITION: Brookhaven National Laboratory
Duties will include experiments related to the generation and computational analysis of large-scale genomic and epigenomic data, plant engineering and functional testing of small RNAs and their targeted genes in temperature and CO2 pathways in Arabidopsis thaliana plants. Duties will also include bioinformatic data analysis, manuscript preparation, and purchasing reagents and ordering supplies for the lab. Required: a Ph.D. in plant molecular biology/genetics/ genomics/epigenetics or related field. Knowledge and extensive bench experience in routine plant molecular biology and genomics work such as isolation of genomic DNA, RNAs, Northern bolt, Southern bolt, Western bolt, PCR, quantitative PCR, molecular cloning, and gene expression in plants. The ability to communicate and work with large quantities of data or bioinformatics is desirable, and knowledge in working on the Arabidopsis plant a plus. Publications in peer-reviewed journals: one or more first-authored publication in peer reviewed journals is also desired. To Apply: Send cover letter, CV, resume and names and contact of three professional references to Dr. Alison Liu, Research Assistant Professor, c/o Diane Rodriguez, Postdoctoral Associate (6532) Search, Department of Biochemistry and Cell Biology, 450 Life Sciences Building, Stony Brook University, Stony Brook, NY 11953-2320; or fax (631)632-8575. For full position description or to apply online visit www.stonybrook.edu/jobs (Ref #:WC-R-6532-10-03-S).

http://www.ag.purdue.edu/biochem/department/Pages/newsletter.aspx
OCTOBER2010