



Please send submissions to: Katie Gallagher at galla134@msu.edu or 302B Biochemistry (mailbox on 2nd floor)

Vol.39, No. 16, Apr. 17-21, 2006

Calendar

Monday, April 17

Entomology Seminar: Aphids and their parasitoids on commercial blueberries and native plants. Keith Pike, Washington State University, 4:00 p.m., 244 Natural Science.

Plant Research Laboratory and Plant Biology Seminar: Genetics of ecologically important traits in arabidopsis and related species. Tom Mitchell-Olds, Duke University, 4:10 p.m., 101 Biochemistry.

Tuesday, April 18

Max T. Rogers Distinguished Lectureship – Chemistry Seminar: Measuring molecules: mass spectrometers in science and medicine. R. Graham Cooks, Purdue University, 4:10 p.m., 138 Chemistry.

Genetics Program Comp Seminar: Identification and preliminary characterization of novel plastid envelope transport proteins. Andrea Braeutigam, 2:00 p.m., 168 Plant Biology.

Microbiology and Molecular Genetics Seminar: Symbiotic colonization of squid by vibrio fischeri: bacterial regulators, targets and phenotypes. Karen Visick, Loyola University, 4:10 p.m., 1415 Biomedical and Physical Sciences.

Wednesday, April 19

Enzyme/Metabolism Discussion Group: Karla Ziegelmann-Fjeld (*Zeikus lab*) A *thermoanaerobacter ethanolicus* secondary alcohol dehydrogenase mutant derivative highly active and stereoselective on phenyl ketones. 12 noon, 1425 Biomedical and Physical Sciences.

Max T. Rogers Distinguished Lectureship – Chemistry Seminar: Ambient mass spectrometry: detection of explosives and drugs, meta-bolomics and tissue imaging. R. Graham Cooks, Purdue University, 4:10 p.m., 138 Chemistry.

Pharmacology and Toxicology Seminar: The role of Pax-5 in TCDD-Mediated suppression of the humoral response to bacterial lipopolysaccharide. Dina Shnaider, 12 noon, B448-49 Life Sciences.

Ecology, Evolutionary Biology and Behavior Seminar: Can larvae use dissolved chemical cues to land in the right place in turbulent, wavy flow? Mimi Koehl, University of California-Berkeley, 3:30 p.m., 247 Plant Biology.

Food Science and Human Nutrition Seminar: USDA's food guidance system: translating the dietary guidelines into actionable behavior. Eric Hentges, Center for Nutrition Policy and Promotion, USDA, 4:00 p.m., 101 Biochemistry.

Thursday, April 20

Biochemistry and Molecular Biology Seminar: RNAi and other ancient pathways programmed by small RNA. Phillip Zamore, University of Massachusetts, 4:00 p.m., 1400 Biomedical and Physical Sciences.

Calendar continued

Thursday, April 20

Physiology: Nuclear accumulation of Cyclin D1 and cancer. Alan Diehl, Abramson Institute, 4:00 p.m., 1425 Biomedical and Physical Sciences.

Friday, April 21

Science at the Edge: Chemical Engineering and Material Science Seminar - Molecular engineering of stem cells and viruses for therapeutic application. David Schaffer, University of California-Berkeley, 11:30 a.m., 1400 Biomedical and Physical Sciences.

Transcription Journal Club: Presentation by **Poorna Viswanathan**, 12 noon, 502 Biochemistry.

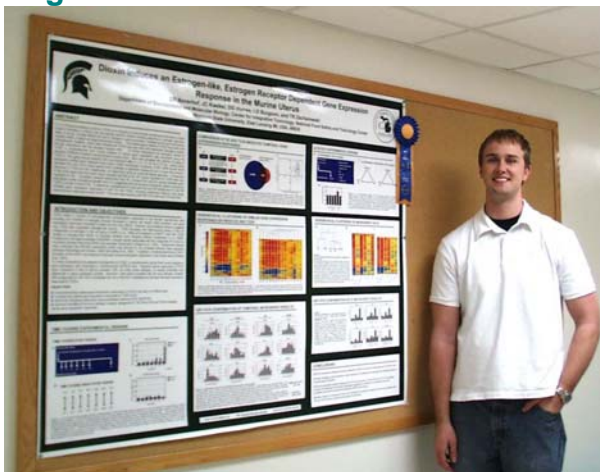
Announcements

Career Listservs: Get the latest internship and hot job information delivered to your email! The College of Natural Science has career listservs to alert you to special events and job and internship postings. There are three lists: [Biocareer](#) for all the biology majors, from biochemistry to zoology; [Mathcareer](#) for math and statistics; and [Scicareer](#) for physical sciences, including geology and chemistry. Join the list you're interested in by using the links above.

Request for Proposals: The Dana Foundation Program in Brain and Immuno-Imaging: Using brain and immune imaging innovations to improve human health. This program seeks to advance the application of imaging research to improve understanding of the brain, the immune system, and their interactions in health and disease. If you are interested in this opportunity for research funding and would like more information, please click [here](#). **Application deadline: Tuesday, May 23, 2006.**

J. R. Brunner Protein Symposium Call For Oral Presentations: Graduate and undergraduate students in all academic disciplines are invited to give an oral research presentation. The research must be related to proteins. Oral presentations should be 12-13 minutes in length and will be followed with a 2-3 minute opportunity for questions. There will be prizes given to first, second, and third place winners. To register, send an electronic copy of the abstract along with name, e-mail address, phone, mailing address, title of presentation, author and affiliations and abstract less than or equal to 250 words to Linda Young at youngli@msu.edu. You will receive an e-mail confirming the receipt of your abstract. If you have questions please contact Linda Young. **Registration due date: Midnight, April 21, 2006.**

Spotlight



estrogen receptor and have expanded our current knowledge on the interactions between estrogen and dioxin signaling pathways *in vivo*. Congratulations to Darrell on this accomplishment!

Darrell Boverhof, former graduate student and now a postdoc in the Zacharewski lab, received a first place research award from the Molecular Biology Specialty Section of the Society of Toxicology at the annual meeting held in San Diego in March. The research poster was entitled: Dioxin induces an estrogen-like, estrogen receptor dependent gene expression response in the murine uterus. Toxicogenomic (microarray) approaches were used to characterize the temporal gene expression response of the mouse uterus to dioxin, a persistent environmental contaminant which signals through the aryl hydrocarbon receptor. The results were compared to the uterine gene expression response to estrogen and revealed similarities between these compounds. Furthermore, the response for both estrogen and dioxin were shown to be dependent on the

Congratulations

Congratulations to **Carlos Martinez** (Arnosti lab) and Nieves Eunice Andrade-Vallecillo on the arrival of their son, David Alberto Martinez-Andrade, born on January 13, 2006, 7 pounds, 12 ounces, 19 $\frac{3}{4}$ inches long. Both Nieves and David are doing well.



Quote for the Week

Natural ability without education has more often attained glory and virtue than education without natural ability.
- *Cicero*
