



These Weeks in Biology

October 30th, 2008 - November 25th, 2008

Special Events

Erica Chao, a Ph.D. student in the Mykles lab, gave birth to Gavin Andrew Tristan Chao (GATC) November 9th! He weighed 7 lbs 10 oz and measured 21.5" long. Erica, husband Kent, and Gavin are doing well.

Accolades

Assistant Professor Joe von Fischer was awarded a Visiting Research Fellowship from the University of Melbourne, Australia. He will conduct research on the biology of greenhouse gas emissions with colleagues in Melbourne, Creswick and Darwin from November 12 to 25.

Please join the Garrity lab in congratulating Dr. Alicia Ebert, who completed her PhD thesis defense on October 30, 2008. Alicia has moved to the Hotchkiss Brain Institute at University of Calgary, where she has accepted a postdoctoral position with Dr. Sarah McFarlane working on zebrafish retinal development.

November 9 - 11 Lorrie Anderson and Steve Stack participated in an NSF site visit at the University of Oklahoma in Norman to evaluate the proposal to finish sequencing tomato chromosomes 1 and 10. This proposal is a collaboration involving Colorado State University, Cornell University, and the University of Oklahoma.

Dr. Shane Kanatous has been selected to receive a 2009 mentoring award from Society for Experimental Biology and Medicine.

Welcome

The Funk lab welcomes Shelley Bayard de Volo as our new Research Associate!

Research Funding and Grants

Professor Pat Bedinger received a supplement to her NSF grant to send the 6 PI's and Project Manager Paul Covey to Peru to perform field studies on wild tomato populations.

Graduate student Becky Chong (Mueller lab) has been awarded a WINS research grant. Congratulations!

On the Road

Assistant Professor Joe von Fischer gave an invited seminar at Michigan State University's Kellogg Biological Station on October 24.

Professor Greg Florant gave a seminar on his current hibernation research to the department of biology at the University of Denver on November 3rd.

Prof. Greg Florant will be attending the American Physiological Society Education Committee meeting in Washington D.C. from November 16th to 18th.

Assistant Professor Rachel Mueller recently gave a seminar at Humboldt State University in northern California ... and collected salamanders along the way.

Assistant Professor Amy Angert traveled to Santa Barbara in early November to participate in a National Center for Ecological Analysis and Synthesis working group on adaptation and climate change.

New Publications from Biology

Professor Alan Knapp is the lead author on a paper published recently in *BioScience*: "Consequences of more

extreme precipitation regimes for terrestrial ecosystems". This paper is a product of an international working group meeting on climate change held in Denmark in 2006 and includes 14 co-authors from 10 institutions and 4 countries.

Assistant Professor Shane B. Kanatous is the primary author on the first manuscript to describe the regulation of the myoglobin gene in response to hypoxia." "Hypoxia reprograms calcium signaling and regulates myoglobin expression. *Am J Physiol Cell Physiol.* 2008 Nov 12. [Epub ahead of print]

Assistant Professor Amy Angert is lead author on a paper recently published in *Evolution*, entitled, "Using experimental evolution to investigate geographic range limits in monkeyflowers."

Simmons, M. P., K. F. Müller and C. T. Webb. 2008. The relative sensitivity of different alignment methods and character codings in sensitivity analysis. *Cladistics* 24: 1039-1050.

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