

Fourth Annual

Western Evolutionary Biology Meeting

University of California Irvine

December 11th, 2010; Natural Sciences Building I, room 1114

- 9:00 AM** Registration and Continental Breakfast
- 10:00 AM** Director's welcome. **Rose, M.R.**; UC, Irvine
- 10:15 AM** Estimating skew in male breeding success in using effective population sizes of autosomal and mitochondrial markers in Greater sage-grouse. **Spring-Pearson, S., Nunney, L.**; UC, Riverside
- 10:30 AM** Does the evolution of the placenta drive the evolution of male reproductive traits? **Pollux B.J.A., Oufiero C.E., Banet A.I., Orr T., Meredith R.W., Garland T. Jr., Reznick D.N.**; UC, Riverside
- 10:45 AM** Rules of thumb for estimating repeatability. **Wolak, M.E., Paulsen, Fairbairn, D.J.**; UC, Riverside
- 11:00 AM** Evolution of Bacterial Aging. **Chao, L., Rang, U.C., Peng, A.**; UC San Diego
- 11:15 AM** Break
- 11:45 AM** Coalescent analysis of fifteen nuclear loci reveals Pleistocene speciation and low genetic diversity in the Mojave Fringe-toed Lizard, *Uma scoparia*. **Gottscho, A., Marks, S., Jennings B.**; San Diego State Univ.
- 12:00 PM** Morphometric and Molecular Phylogenetic Analyses of the Opilionid Genus *Acuclavella*. **Richart, C.H., Hedin, M.**; San Diego State Univ.
- 12:15 PM** Introgression despite substantial divergence in a broadcast spawning marine. **Nydam, M.L., Harrison, R.G.**; UC Santa Barbara
- 12:30 PM** Examining predation as a cause for sexual dimorphism in two *Euphilomedes* ostracod species. **Lampe, R.I., Lovdahl, V., Oakley, T.H.**; UC Santa Barbara
- 12:45 PM** Can males influence female reproductive investment in *Drosophila melanogaster*? **Pischedda, A., Stewart, A.D., Little, M.K., Rice, W.R.**; UC Santa Barbara
- 1:00 PM** Lunch and Poster Session
- 2:45 PM** Multiple non-congruent colonizations of oceanic islands reveal dynamics of codiversification in a specialized pollination mutualism. **Hembry, D., Kawakita, A., Baldwin, B., Gillespie, R.**; UC Berkeley
- 3:00 PM** Size is not everything: a meta-analysis of geographic variation in microscopic eukaryotes. **Faurby, S., Funch, P.**; UC Los Angeles
- 3:15 PM** Global angiosperm family richness revisited: linking ecology and evolution to climate. **Hawkins, B.A., Rodriguez, M. Á., Weller, S.G.**; UC Irvine
- 3:30 PM** Natural selection and synonymous codon usage bias in the purple sea urchin, *Strongylocentrotus purpuratus*. **Kober, K.M.**; UC Santa Cruz
- 3:45 PM** Competition and phylogeny determine community structure in Müllerian co-mimics. **Alexandrou, M.A., Taylor, M.I.**; Bangor Univ.
- 4:00 PM** Does sperm competition select for early puberty in mice? **Provencio, L.L.**; Univ. of Southern California
- 4:15 PM** Break
- 4: 45 PM** Presentation of the fourth annual Western Evolutionary Biologist of the Year (WEBEY) Award.
- 5:00 PM** Fourth Annual WEBEY Address, **Maureen Stanton**, UC Davis
- 6:00 PM** Concluding remarks, **Rose, M.R.**; UC Irvine
- 6:15 PM** Directors' hosted dinners at local restaurants

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