

Fifth

# Western Evolutionary Biology Meeting

University of California Irvine

May 11<sup>th</sup>, 2013; Natural Sciences Building I, room 1114

- 9:00 AM** Registration
- 10:00 AM** Director's welcome. **Rose, M.R.**; UC, Irvine
- 10:20 AM** Presentation of the fifth Western Evolutionary Biologist of the Year (WEBY) Award.
- 10:40 AM** Fifth WEBY Address, **David Wake**; UC, Berkeley
- 12:00 PM** Lunch
- 1:00 PM** Poster Session
- 1:30 PM** Rod Monochromacy and the Coevolution of Cetacean Retinal Opsins. **Meredith, R.W., Gatesy, J., Emerling, C.A., York, V.M., Springer, M.S.**; UC, Riverside.
- 1:50 PM** Three routes to cryptic species: stasis, parallelism, and convergence. **Swift, H.F., Gomez-Daglio, L., Dawson, M.N.**; UC, Merced
- 2:10 PM** Starvation Resistance in *Drosophila melanogaster*: Patterns of Forward and Reverse Selection with Diverse Population Sizes. **Koosha, M., Santos, M., Matos, M., Rose, M.R., Greer, L.F., Dang, L.K.**; UC, Irvine
- 2:30 PM** Defining Physiological Relationships Between Cardiac Function, Athletic Performance, and Stress in *Drosophila melanogaster*. **Kezos, J.N., Cabral, L.G., Majdick, J.M., Azatian, G., Buenrostro, J.E., Khong, H.T., Reyes, G.T., Rose, M.R.**; UC, Irvine
- 2:50 PM** Break
- 3:10 PM** Phylogenetically informative tRNA signatures are robust to base convergence and horizontal gene transfer. **Amrine, K.C.H., Swingley, W.D., Ardell, D.H.**; UC, Merced
- 3:30 PM** Thermal sensitivity and thermal opportunity in the tropics: case study with two lizards. **Damasceno, R., Carnaval, A.C., Moritz, C.**; UC, Berkeley, Museum of Vertebrate Zoology, City College of New York, City University of New York, Australian National University
- 3:50 PM** Diet change, aging, and late life: adaptation to novel and ancestral foods. **Rutledge, G., Santos, M., Al-Tai, Z., Phung, K.H., Rose, M.R., Mueller, L.D., Greer, L.F.**; UC, Irvine
- 4:10 PM** Stinky or Social? Evolution of Antipredator Defenses in Carnivores. **Stankowich, T., Caro, T., Haverkamp, P.**; CSU, Long Beach, UC, Davis
- 4:30 PM** Concluding remarks, **Rose, M.R.**; UC Irvine

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