



Biosphere

The Weekly Bulletin of Biology

Biology Colloquium (Friday 2 PM in CR 5125)

Dr. Alejandra Young, UCLA

“A Constitutively Active Gai3 Corrects the Abnormal RPE Melanosomal Phenotype of the Oa1^{-/-} Mouse, an Animal Model of Ocular Albinism”

- **New Honor**—Dr. MariaElena Zavala was awarded a Fellow of the American Society of Plant Biologists.
- **New Publications**—Dr. Pete Edmunds’s lab, often in collaboration with Dr. Bob Carpenter’s lab, has produced several papers so far this year including:
 - Jacobson, L.M., P.J. Edmunds, E.B. Muller, and R.M. Nisbet. The causes and implications of metabolic depression: the case of a resource-limited scleractinian coral. *Journal of Experimental Biology*
 - Bramanti, L. and P.J. Edmunds. Density-associated recruitment mediates coral population dynamics on a coral reef. *Coral Reefs*
 - Comeau, S., R.C. Carpenter, C.A. Lantz, and P.J. Edmunds. Parameterization of the response of calcification to temperature and pCO₂ in the coral *Acropora pulchra* and the alga *Lithophyllum kotschyannum*. *Coral Reefs*
 - Comeau, S., R.C. Carpenter, and P.J. Edmunds. Effects of pCO₂ on photosynthesis and respiration of tropical scleractinian corals and calcified algae. *ICES Journal of Marine Science*
- **Presentations**—Dr. Ray Hong and his graduate student Tess Renahan recently presented talks at a Cold Springs Harbor meeting on The Evolutionary Biology of *Caenorhabditis* and other Nematodes respective titled, “Do entomophilic nematodes impact the microbiome of their host beetles?” and “Dissecting the teratogenic effects of an insect host pheromone in *Pristioinchus pacificus* embryos.”