

# Departments of Biology and Botany

## Seminar Schedule, Spring 2012

Seminars held in BioMed B103, 3:30-4:30

### January

- 13** **Fred W. Allendorf**, Division of Biological Sciences, University of Montana, "Human-induced evolution caused by unnatural selection through harvest of wild animals."
- 20** **Dennis LaPointe**, USGS Pacific Island Ecosystems Research Center, Kilauea Field Station, "Avian Malaria in Hawaii: The current status and future of an introduced pathogen"
- 27** **Frederique Kandel** PhD defense, Zoology Department, University of Hawaii at Manoa, "Natural sunscreen compounds in three species of coral and their fish predator"

### February

- 3** **Cawa Tran** PhD defense, Zoology Department, University of Hawaii at Manoa, "Settlement and metamorphosis of coral larvae: Chemical cues and sensory mechanisms"
- 10** **Hope Jahren**, Department of Geology and Geophysics, University of Hawaii at Manoa, "The dependence of plant  $^{13}\text{C}:^{12}\text{C}$  on atmospheric  $\text{pCO}_2$ "
- 17** **W. Stewart Grant**, Department of Biological Sciences, University of Alaska, Anchorage, "Influence of Pleistocene glaciations on the phylogeography of North Pacific marine organisms"
- 24**

### March

- 1** **Mary Donovan**, M.S. defense, Zoology Department, University of Hawaii at Manoa, "Multi-scale demographic trends in an introduced Hawaiian reef fish: Implications for population modeling" *Thursday, March 1, St. John 11, 3:00pm – 4:15pm.*
- 2** **Richard Ree**, Botany Department, The Field Museum of Natural History, "Inferring phylogeny using RAD sequence data"
- 8** **Michael Burns**, MS defense, Zoology Department, University of Hawaii at Manoa, "Understanding the phylogenetic placement of the gobiid genus *fusigobius*; an analysis of morphological and molecular characters" *Thursday, March 8<sup>th</sup>, Edm. 153, 2:00-3:00pm*
- 9** **Lisa Mandle** PhD defense, Botany Department, University of Hawaii at Manoa, "Balancing biodiversity and human land use: Effects of fire, grazing and harvest on plant populations and communities in the Western Ghats, India"
- 14-16** Tester Symposium
- 23** **Alison Ainsworth**, Inventory & Monitoring, PACN, NPS, Hawaii Volcanoes

National Park, "Vegetation recovery following lava-ignited wildfires at Hawaii Volcanoes National Park"

**30** Spring break 3/26 – 3/30

## **April**

**6** **Good Friday**

**13** **Clare Aslan**, Environmental Studies Department, University of California, Santa Cruz, "Novel mutualisms between native and non-native species: implications for conservation"

**20** **Matthew Knope**, Biology Department, Stanford University, "Phylogenetic patterns and ecological determinants of adaptive radiation: Insights from microbes, Hawaiian plants, and marine fishes"

**27** **Derek Skillings**, PhD defense, Department of Zoology, University of Hawaii at Manoa "Islands, archipelagos and beyond: scales of genetic diversity in Hawaiian coral reef echinoderms"

**30** **Laura Kloepper**, PhD defense, Department of Zoology, University of Hawaii at Manoa, "Dynamics of echolocation in Odontocetes" **Monday, April 30<sup>th</sup>, 3:30-4:30pm, BioMed T208.**

**May** (Last Day of Instruction 5/2/2012)

**4** **Paul Krushelnycky**, Department of Plant & Environmental Protection Sciences, University of Hawaii at Manoa, "The role of climate in recent population declines of the Haleakala silversword"

**11** **Courtney Angelo**, PhD defense, Botany Department, University of Hawaii at Manoa, "Drivers and mechanisms determining C4 and C3 grass distribution under current and future climates Hawaii"

**11** **Shannon Evers**, MS defense, Zoology Department, University of Hawaii at Manoa, "Effects of increased load on locomotion in the brown anole, *Anolis sagrei*" **10:00 – 11:00 am, Snyder 413**