



## 2015 Spring Seminars

- January 28     Jeremy Goldbogen, Hopkins Marine Station  
The biomechanics and physiological ecology of ram-feeding marine vertebrates
- February 4     Alison Sweeney, University of Pennsylvania  
Biophotonics of the Tridacnid giant clam photosymbiosis: Using every last photon
- February 11    Cara Gallager (Hines Lab)  
Estimating energy sequestration and outflow by the Harbor Porpoise, *Phocoena phocoena*  
Melissa Patten (Boyer Lab)  
Native plant expansion: Investigating a novel morphology of submerged aquatic vegetation in the San Francisco Estuary  
TJ Yockachonis (Stillman Lab)  
Does multiple paternity increase fitness in stressful environments?
- February 18    Phoebe Lam, UC Santa Cruz  
The biogeochemical cycling of iron in the ocean: insights from marine particles
- February 25    Martin Tresguerres, Scripps Institution of Oceanography, UC San Diego  
Diverse physiological roles of proton pumps in marine organisms
- March 4        Cheryl Logan, CSU Monterey Bay  
Species-specific responses of juvenile rockfish to ocean acidification
- March 11       Chandra Richards, Berkeley  
An interdisciplinary study of fish mortality events in the intermittent Pescadero estuary
- March 18       Laura Melroy (Cohen Lab)  
Spatial and temporal variation in population structure of the direct-developing sea stars in the *Leptasterias* species complex  
Heather Richard (Carpenter Lab)  
The influence of microbial biofilms on metal sorption by plastic debris  
Calvin Lee (Cohen Lab)  
Immunogenetic variation and tumor incidence of juvenile English sole across an estuarine gradient of contaminants
- March 25       SPRING BREAK - NO SEMINAR  
  
*Schedule continued on back.*



## 2015 Spring Seminar schedule continued...

- April 1      Laura Duffy (Hines Lab)  
Patterns in habitat use by harbor porpoises (*Phocoena phocoena*) in Central San Francisco Bay  
Athena Maguire (Nielsen Lab)  
A cryptic infestation of concern: A blood-sucking ectoparasitic snail, *Evalea tenuisculpta*, infests California's wild and aquacultured abalone  
Kathryn Barretto (Carpenter Lab)  
Understanding microalgal species composition and contributions in Antarctic glacial melt water through rbcL high throughput sequencing
- April 8      Andrew Chang, Smithsonian Environmental Research Center  
Community assembly, invasions, climate change, and diversity: fifteen years in San Francisco Bay
- April 15     Lisa Levin, Scripps Institution of Oceanography, UC San Diego | PUBLIC FORUM  
Oxygen and the ecology of upwelling margins in a changing ocean (Academic Presentation - 11:00)  
Deep-Ocean industrialization and biodiversity challenges in the 21st Century (Public Forum - 6:30)
- April 22     Petra Lenz, University of Hawaii  
Coping with toxic foods: Using transcriptomics to investigate the effect of *Alexandrium fundyense* on the physiology of a marine copepod
- April 29     Ann Holmes (Kimmerer Lab)  
Using high-throughput sequencing to quantify zooplankton diets in delta smelt habitat  
Ryan Hartnett (Nielsen Lab)  
Connecting the dots in the Gulf of the Farallones: from physical ocean conditions to ocean productivity to the top of the food web  
Tricia Lee (Wilkerson Lab)  
SFE benthic microbial community compositions relative to differing environmental parameters
- May 6        Bandele Okelana (Stillman Lab)  
The effects of caloric restriction on *Daphnia* longevity  
Mustafa Gul (Nielsen Lab)  
Competition success of native and invasive fouling species under temperature and food stress  
Kerstin Kalshmeier (Hines Lab)  
Investigating the impacts of invasive *Limonium ramossissimum* on native wetland species  
Morgan Meyers (Carpenter Lab)  
Effect of ocean acidification on the nutritional quality of phytoplankton for copepod reproduction
- May 13      Magdalena Gutowska, MBARI & GEOMAR  
Differential sensitivity of coccolithophore species to OA gives insight to future changes in their community structure