**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 Kalshmeyer (Hines Lab)
Investigating the impacts of invasive *Limonium ramossimum* 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

For more information visit rtc.sfsu.edu/rosenberg or call 415.338.3757. Seminars begin at 3:30 p.m., refreshments at 3:15p.m.