

# **2016 Summer Lecture Series**

## **Redfield Auditorium & Clark 507**

### **Wednesday, June 8 (Redfield Auditorium)**

9:30 – **Alison Macdonald, PO**, “Getting to the Bottom of It: Climate Change in the Ocean Abyss”

10:00 – **Yogi Girdhar, AOPE**, “Building a curious underwater exploration robot”

### **Wednesday, June 15 (Clark 507)**

9:30 – **Liviu Giosan, G&G**, “Climate, Landscapes and Past Civilizations”

10:00 – **Ray Schmitt, PO**, “The Changing Global Water Cycle”

### **Wednesday, June 22 (Redfield Auditorium)**

9:30 – **Hauke Kite-Powell, MPC**, “How does the ocean contribute to New England's economy?”

10:00 – **Tristan Horner, MC&G**, “What can isotopes tell us about the oceans, life, and Earth History?”

### **Wednesday, June 29 (Clark 507)**

9:30 – **Larry Pratt, PO**, “Using chaos theory to understand mixing in the ocean”

10:00 – **Delia Oppo, G&G**, “Changes in Atlantic Ocean Circulation since the Last Ice Age”

### **Wednesday, July 6 (Redfield Auditorium)**

9:30 – **Neel Aluru, BIO**, “Role of epigenetics in ecology and in response to stressors”

10:00 – **Gordon Zhang, AOPE**, “A direct intrusion of the Gulf Stream ring water onto the Mid-Atlantic Bight continental shelf”

### **Wednesday, July 13 (Clark 507)**

9:30 – **Colleen Hansel, MC&G**, “Biom mineralization: How and Why Microbes Make Minerals”

10:00 – **Samuel Munoz, G&G**, “The Past, Present and Future of the Mighty Mississippi”

### **Wednesday, July 20 – *Tioga cruise week*– no lectures scheduled**

### **Wednesday, July 27 (Redfield Auditorium)**

9:00 – **Laela Sayigh, BIO**, “Insights into the complex communication system of the common bottlenose dolphin (*Tursiops truncatus*)”

9:30 – **Meagan Gonneea, USGS**, “What happens when the tides flow again: Climate implications of salt marsh restoration”

**Wednesday, August 3 (Redfield Auditorium)**

9:30 – **Bernhard Peucker-Ehrenbrink, MC&G**, “The Importance of Rivers to the Ocean”

10:00 – **John Stegeman, BIO**, “How do organisms respond to chemicals in the ocean?”

AOPE - Applied Ocean Physics & Engineering

BIO - Biology

G&G - Geology & Geophysics

MC&G - Marine Chemistry & Geochemistry

MPC - Marine Policy Center

PO - Physical Oceanography

USGS - U.S. Geological Survey