

2011 Summer Lecture Series

Redfield Auditorium & Clark 507

9:30am – 11:30am

Monday, June 6 – Orientation

10:00 – **Welcome to WHOI (Redfield Auditorium)**

Jim Yoder, Vice President for Academic Programs and Dean

Jesús Pineda, Chair of Summer Student Fellowship Committee

Michael Moore, IACUC Committee

10:30 – Ron Reif, Safety Orientation

11:45 – WHOI/MBL library tour

Monday, June 13 (Clark 507)

9:30 – **Jack Whitehead, PO** "Flow through gaps in the deep ocean, monitors of the deep circulation"

10:10 – **Carl Bowin, G&G** "The dynamic earth"

10:50 – **Laura Brothers, USGS** "The thawing Arctic: Alaskan nearshore permafrost/gas hydrates(?)"

Monday, June 20 (Clark 507)

9:30 – **P. Soupy Dalyander, USGS** "Atlantic menhaden: Impact on Chesapeake Bay water quality"

10:10 – **Steven Lentz, PO** "Why the water over Red Sea coral reefs is so warm?"

10:50 – **Jian Lin, G&G** "Science lessons from the 2011 Japan mega-earthquake and tsunami"

Monday, June 27 (Redfield Auditorium)

9:30 – **Jeffrey Donnelly, G&G** "Chasing tempests in coastal sediments:

Exploring the patterns, forcing and consequences of tropical cyclone activity over the last several millennia"

10:10 – **Jesús Pineda, BIO** "Whales and waves: cetacean aggregation and fish response to the shoaling of internal waves at a shallow submarine bank"

10:50 – **Tim Shank, BIO** "Seamount connectivity and conservation"

Tuesday, July 5 (Clark 507)

9:30 – **Sarah Das, G&G** "Icy Adventures in Antarctica"

10:10 – **Walter Paul, AOPE** "Oceanographic data buoy systems: How to get instrument data and video downloads from the ocean through the tumultuous sea surface to shore"

10:50 – **Konrad Hughen, MC&G** "Corals as recorders of environmental stress and coral health"

Monday, July 11 (Redfield Auditorium)

9:30 – **Mark Behn, G&G** “The role of supraglacial lakes on the sliding behavior of the Greenland Icesheet”

10:10 – **T. Aran Mooney, Biology** “Measuring hearing in marine mammals”

10:50 – **Breck Owens, PO** “Using ocean gliders to investigate the Gulf Stream and other places as well”

Monday, July 18 (Redfield Auditorium)

9:30 – **Lisan Yu, PO** "Satellite remote sensing of the ocean"

10:10 – **Don Anderson, BIO** "Forecasting the New England red tide"

10:50 – **Julie Kellner, BIO** “Marine protected areas and invasive species: helpful or harmful?”

Monday, July 25 – *Tioga cruise week– no lectures scheduled*

Monday, August 1 (Clark 507)

9:30 – **Daniel Brothers, USGS** “Marine paleoseismology: Studying earthquake hazards of submerged faults”

10:10 – **Carl Lamborg, MC&G** “What is the source of methylmercury to open ocean fish?”

10:50 – **Meg Tivey, MC&G** “A method for studying microbial colonization at seafloor hydrothermal vents”

Monday, August 8 (Redfield Auditorium)

9:30 – **Mark Hahn, BIO** "Mechanisms of chemical susceptibility and resistance in marine animals"

10:10 – **John Stegeman, BIO** “Metabolism of the sea of chemicals in the sea, or The roles of oxygen fixation”

10:50 – **Anne Cohen, G&G** “Ocean acidification: How we know and why we care”

AOPE – Applied Ocean Physics & Engineering

APO – Academic Programs Office

G & G – Geology & Geophysics

MC & G – Marine Chemistry & Geochemistry

MPC – Marine Policy Center

PO – Physical Oceanography

USGS – U.S. Geological Survey