

**SEMESTER IN ENVIRONMENTAL SCIENCE
INDEPENDENT STUDENT RESEARCH SYMPOSIUM
MARINE BIOLOGICAL LABORATORY, WOODS HOLE, MA 02543
DECEMBER 12, 2008 LILLIE AUDITORIUM**

TIME	SPEAKER	PROJECT TITLE
08:20	<i>Welcoming remarks</i>	
08:30	Laura Poppick (Bates College)	<i>Effects of soil texture on microclimate and vegetation in spring sapping valleys of Martha's Vineyard.</i>
08:45	Paliza Shrestha (Mount Holyoke College)	<i>Soil respiration and nitrogen mineralization in response to nitrogen and sawdust addition in a Massachusetts grassland.</i>
09:00	Jessica Lambert (SUNY-ESF)	<i>The effect of coastal plain pond sediment moisture on nutrient availability of Isreal Pond, MA.</i>
09:15	Wayne Daniel (Dillard University)	<i>Can groundwater inputs to coastal ponds be traced by ^{15}N?</i>
09:30	Amy Markstein (Colorado College)	<i>Nitrogen uptake in a discontinued cranberry bog.</i>
09:45	Nick Peng (Connecticut College)	<i>Would restoration of Coonamesset River enhance its capability of nitrogen removal?</i>
10:00	Ian McPherson (Lawrence University)	<i>Sedimentation, pelagic and benthic responses to flow through pier structure.</i>
10:15 – 10:45	<i>Coffee Break</i>	
10:45	Tim Ramnarine (Dillard University)	<i>Observing the effects of nitrogen enrichment on herbivory of salt marsh plant communities of the Plum Island Sound creeks in Massachusetts.</i>
11:00	Stefanie Strebel (Franklin & Marshall College)	<i>Effects of nitrogen loading on the structural and functional stability of the Plum Island Sound salt marsh ecosystem.</i>
11:15	Jessica Kunke (Northwestern University)	<i>The fate of nitrate entering NITREXTM permeable reactive barriers.</i>
11:30	Jessica Bonsall (Lawrence University)	<i>Wood decomposition, N-immobilization and the potential lifetime of permeable reactive barriers in coastal estuaries.</i>
11:45	Andrea Coughlin (Wellesley College)	<i>Response of estuarine phytoplankton and water column microbes to groundwater inputs down-gradient from a NITREXTM permeable reactive barrier.</i>
12:00	Rob Gordon (Lafayette College)	<i>The effects of nitrogen fertilization on sulfur cycling and microbial communities in marsh sediments.</i>
12:15	Sarah Gillig (Wesleyan University)	<i>Nanosilver and its effects on freshwater microbial communities.</i>

There will be a celebratory luncheon and awards ceremony after the symposium.