

SEMESTER IN ENVIRONMENTAL SCIENCE
STUDENT INDEPENDENT RESEARCH SYMPOSIUM
MARINE BIOLOGICAL LABORATORY, WOODS HOLE, MA 02543
DECEMBER 17, 2010 - LILLIE AUDITORIUM

TIME	SPEAKER	PROJECT TITLE
08:50	Introductory Remarks	
09:00	Melanie Poole (Connecticut College)	Plant community structure and soil properties along stream corridors of cranberry bogs since discontinuation of agriculture.
09:15	Holly Engel (Clarkson University)	An assessment of the stages of stream restoration along the Coonamessett River cranberry bogs
09:30	Daniel Feinberg (Hamilton College)	Wood decomposition after five years in anaerobic nitrate rich groundwaters: Implications for lifetime of Nitrex Permeable Reactive Barriers.
09:45	Brendan O'Leary (Allegheny College)	Impacts of Nitrex Permeable Reactive Barriers on anthropogenic nutrient limitation of estuarine microalgae and bacteria
10:00	Austin Ritter (Middlebury College)	Response of salt marsh ponds to chronic eutrophication
10:15	COFFEE BREAK	
10:45	David Dodge (Middlebury College)	Importance of anaerobic processes and alternative electron acceptors in peat decomposition and marsh subsidence at Plum Island Sound
11:00	Brian Suh (Haverford College)	The search for novel Integron expression along a heavy metal gradient
11:15	Lolly Lim (Brown University)	Tracing anthropogenic nutrient inputs into coastal plain ponds on an urban-rural gradient using stable isotopes
11:30	Ian Yue (Wheaton College)	Tracing anthropogenic nitrogen inputs into Cape Cod coastal plain ponds using stable isotopes and water budget modeling.
11:45	Sarah Narramore (Lafayette College)	Long-term effects of soil warming on labile carbon availability and microbial community respiration and composition
12:00-13:15	LUNCHEON	
13:30	George Allen (Oberlin College)	Nutrient retention rates along productivity isoclines: Consequences of thermodynamics in algal microcosms.
13:45	Alice Carter (Northwestern University)	Microbial diversity, productivity and efficiency as responses to pH oscillation frequency
14:00	Melissa Campbell (Clark University)	Uptake of different concentrations of amino acids by plant roots.
14:15	Miranda Sinnott-Armstrong (Brown University)	Effects of fire frequency and seasonality on nitrogen and phosphorus cycling in Truro soil
14:30	Sarah Berry (Carleton College)	Ground-surface water DOC interactions with bacterial production in coastal plain ponds
14:45	Meghan Short (Brown University)	Contrasting nutrient dynamics of litter decomposition in a deciduous forest and pond ecosystem
15:00	Semester Retrospective (Ken Foreman, SES Program Director)	

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