

Feng Graduate Research Colloquium 2016

Colloquium Schedule



12:00 – 1:15 p.m.: Lunch – Third floor Conference Room, #312

Oral Session III – Moderator: Emily Seelen

Time	Presenter	Title
1:15	Steven Schmidt	Investigating island influences on river water pathways and mixing in western Long Island Sound
1:30	Melissa Cote	The role of the biological pump in producing the carbon isotopic minima during Heinrich Stadial 1
1:45	Yan Jia	Seasonal cycle of the Connecticut River water pathways and its water age
2:00	Matt Sasaki	The influence of genetic divergence and developmental phenotypic plasticity on local adaptation to temperature in a widespread copepod

Poster Session

2:15 – 4:00 p.m.

Main Lobby – Refreshments will be served

May 12, 2016
University of Connecticut
Avery Point
Department of Marine Sciences

This colloquium honors the memory of Professor S. Y. Feng, Director of the former Marine Sciences Institute, and founding Head of the Department of Marine Sciences, University of Connecticut. The Colloquium is funded by the Department of Marine Sciences and the S. Y. Feng Scholarship Fund. Donations to this fund are accepted through the University of Connecticut Foundation, and are tax deductible. All donations are greatly appreciated.

Acknowledgments

Colloquium Coordination

Hans Dam
Julie Granger
Hannes Baumann

Colloquium Steering Committee & Organization

Chris Murray
Steven Schmidt
Emily Seelen

Colloquium Logistics

Debra Schuler

SCHEDULE

8:45 – 9:15 a.m.: Breakfast
Lounge area outside seminar room, #103

9:15 – 9:30 a.m.: Opening remarks by Hans Dam

Oral Session I – Moderator: Steven Schmidt

Time	Presenter	Title
9:30	Chris Murray	Consequences of long-term exposure to elevated CO ₂ in a coastal forage fish
9:45	Tristan Kading	Impact of sea surface temperature on the evolution of squall lines
10:00	Michelle Fogarty	Contextualizing CO ₂ flux into a salt marsh using tidal inundation and surface heat flux time series
10:15	Matthew Lacerra	Evidence for increased carbon storage in the deep South Atlantic during the last deglaciation

10:30 – 10:45 a.m.: Coffee Break
Lounge area outside seminar room, #103

Oral Session II – Moderator: Chris Murray

Time	Presenter	Title
10:45	Emily Seelen	Methylmercury at the sediment-water interface: Insights from a unique sampling regime
11:00	Qiang Sun	Improving the representation of estuarine processes in earth system models
11:15	Vena Haynes	The interactive effects of UV radiation and titanium dioxide nanoparticles on marine snow-associated microbes
11:30	Thivanka Ariyaratna	Tracking the sorption, degradation and mineralization of explosive-trinitrotriazine (RDX) in coastal marine ecosystems using stable isotopic tracers
11:45	Gihong Park	A novel approach to measure a grazer-induced trade-off between cell growth and toxin production in the marine dinoflagellate <i>Alexandrium fundyense</i>