

# DIALOG VII

## SYMPOSIUM SCHEDULE

*Schedule is subject to change without notice.*

**Meals** -- DISL Cafeteria  
**Oral sessions** -- Galathea Hall  
**Posters** -- Horizon Room # 3

### Saturday, December 3

- 12:00 - 22:00 **Registration** - Galathea Hall  
**LCD Projector Set UP** – Transfer presentation and introductory files to DISL Computer  
**Poster Set Up** – Use Boards in Horizon 3
- 18:00 - 18:30 **Dinner** DISL cafeteria
- 18:30 - 22:00 **Informal Reception – Horizon 3** Music, beverages will be provided for those who don't want to catch up on their sleep or who still need to set up posters, transfer files to DISL Computer

### Sunday, December 4

- 07:00 - 08:45 **Breakfast**
- 08:45 - 09:00 **Registration** - Galathea Hall for any late arrivals.
- 09:00 - 10:00 **Tour of DISL** – meet at Galathea Hall
- 10:00 - 12:30 **Welcome \* Overview \* Participant Introductions** - Galathea Hall  
Participant Introductions in alphabetical order: Maximum of 2 minutes and one image.
- 12:30 - 13:30 **Lunch**
- 13:30 - 15:00 **Agency Introductions** – Question and answer period.
- 15:00 - 16:00 **Interpersonal Communication Skills** – Sue Weiler
- 16:00 - 16:30 **Break**
- 16:30 - 18:00 **Working Group Training, Facilitation Skills** – Elaine McClanahan  
After training, participants will break into teams of 6 - 7 to identify, discuss and recommend topics of primary interest for discussion later in the week.
- 18:00 - 18:30 **Dinner** DISL cafeteria
- 18:30 - 20:00 **Working-Group Discussions** -- Individual teams of 6 – 7. *Continued.* Reporter from each team should transfer their prioritized list to Galathea computer by 20:15.
- 20:30 - 21:30 Participants re-assemble in Galathea Hall to discuss the process.
- 21:30 - 22:30 **Posters**

## Monday, December 5

07:00 - 08:45 **Breakfast**

08:45 - 09:00 **Announcements**

09:00 - 12:30 8-minute Maximum for presentation, 10-minute Total Time Allotment

**Lennon, Jay** Energetic importance of terrestrial carbon in lake ecosystems

**Bowen, Jennifer** Couplings of watersheds to estuaries: Inputs, transport, and management of nitrogen

**Harrison, John** Nitrogen dynamics & greenhouse gas production in Yaqui Valley surface drainage

**Treude, Tina** Anaerobic oxidation of methane in marine sediments

### **Break – 10 Minutes**

**Sebastián, Marta** Alkaline phosphatase activity and its relation to mesoscale features in the NE Atlantic

**Yamada, Namiha** Source and chemical characterization of dissolved proteins in seawaters

**Langenheder, Silke** Links between structure and function of heterotrophic aquatic bacterial communities

**Yokokawa, Taichi** Growth and grazing mortality of phylogenetically distinct bacterial groups

### **Break – 20 Minutes**

**Longnecker, Krista** Bacterioplankton distribution, cell-specific leucine incorporation, and diversity

**Winter, Christian** Ecological role of planktonic bacteriophages in the North Sea and tropical Atlantic

**Mioni, Cecile** Using a bioluminescent bacterial bioreporter to assess iron bioavailability in the Oceans

**Hiscock, Michael** Regulation of primary productivity in the Southern Ocean

### **Break – 10 Minutes**

**Popels, Linda** Distribution, dark survival, and detection of *Aureococcus anophagefferens*

**Huot, Yannick** Sun-induced fluorescence of phytoplankton: Linking physiology and remote sensing

**von Dassow, Peter** Regulation of bioluminescence in the dinoflagellate *Lingulodinium polyedrum*.

**Stewart, Hannah** Consequences of alga stiffness & buoyancy

12:30 - 14:00 **Lunch**

14:00 - 15:00

**Sutor, Malinda** Vertical distribution patterns of plankton and their relationship to physical factors

**Cohen, Jonathan** Visual sensitivity and diel vertical migration of a marine copepod

**Richoux, Nicole** Population dynamics and seasonal lipid cycles in hyperbenthic crustaceans

**Moller, Eva** Roles of arctic marine copepods in the pelagic carbon turnover

**Waggett, Rebecca** Ecological, biomechanical and neurological correlates of copepod escape behavior

**Menden-Deuer, Susanne** Linking individual zooplankton foraging strategies with ecological dynamics

15:00 - 15:15 **Break**

15:15 - 18:00 **Elaine McClanahan – Course-Development Exercise: Building an interdisciplinary foundation-level aquatic-science course.** Using small-group-process techniques, teams of 6-7 participants will identify the content, skills, and attitudes undergraduate students should learn in an interdisciplinary aquatic science course. Teams will develop and report on sample assessable student learning outcomes. Affinity diagrams, issue bins, and effective team-facilitation and meeting-management techniques will be used.

18:00 - 18:30 **Dinner**

18:30 - 20:30 **Elaine McClanahan** *continued.....*

20:30 - 21:30 **Posters**

## Tuesday, December 6

07:45 - 08:45 **Breakfast**

08:45 - 09:00 **Announcements**

09:00 - 12:30

**Becker, Bonnie** Regional population variability, larval connectivity & conservation of mytilid mussels

**Taylor, Chris** Distribution, behavior & trophic interactions of estuarine pelagic planktivores & copepods

**Willis, Theodore** Response of fish communities & populations to intrinsic and extrinsic drivers in lakes

**Parks, Susan** Acoustic communication in the North Atlantic right whale (*Eubalaena glacialis*)

### **Break – 10 Minutes**

**Hendriks, Iris** Flow-dependent processes in settlement of intertidal bivalve larvae

**Bishop, Melanie** Making waves: The effects of boat-wash on macrobenthic assemblages of estuaries

**Grigg, Nicola** Benthic bulldozers and pumps: Lab and modelling studies of bioturbation & bioirrigation

**Ghisalberti, Marco** Momentum and scalar transport in vegetated shear flows

### **Break – 20 Minutes**

**Guest, Michaela** Movement and assimilation of carbon by estuarine invertebrates

**Tewfik, Alexander** Patterns and effects of disturbance in Caribbean macrophyte communities

**Reyns, Nathalie** Biophysical dispersal dynamics of the blue crab in Pamlico Sound, North Carolina.

**Kicklighter, Cynthia** Antipredation strategies in marine worms: Geographic, ecol., & taxonomic patterns

### **Break – 10 Minutes**

**Baums, Iliana** Genetic status of the Caribbean reef-building coral, *Acropora palmata*.

**Muñiz-Salazar, Raquel** Physiological, biochemical and genetic characterization of *Zostera marina*

**Richards, Christina** Evolution in closely adjacent salt marsh environments

**Sass, Greg** Fish community & food web responses to a whole-lake removal of coarse woody habitat

12:30 - 14:00 **Lunch**

14:00 - 15:00

**Bracken, Matt** Linking marine intertidal communities & ecosystems: Invertebrates mediate nutrient avail.

**Brown, Bryan** Influence of habitat heterogeneity on variability in stream macroinvertebrate communities

**Spence Cheruvellil, Kendra** Examining lakes at multiple spatial scales: Predicting fish growth....

**Demopoulos, Amanda** Aliens in paradise: A comparative assessment of introduced & native mangroves

**Moerke, Ashley** Landscape influences on stream ecosystems: Implications for restoration & management

**Feagin, Rusty** The spatial aspect of plant interactions in a sand dune plant community

15:00 - 15:15 **Break**

15:15 - 18:00 **Elaine McClanahan – Facilitation Exercise: Interdisciplinary Collaborative Research Proposal Development**

Using small-group process techniques, teams of 6-7 will develop a research proposal in response to model Call for Proposals. Evaluation criteria, Light-Voting, action plans, and effective team-facilitation and meeting-management techniques will be used.

18:00 - 19:00 **Dinner**

19:00 - 21:30 **Elaine McClanahan** *continued.....*

21:30 - 22:30 **Posters**

## Wednesday, December 7

07:45 - 08:45 **Breakfast**

08:45 - 09:00 **Announcements**

09:00 - 12:00 **Agency Panel – Proposal Tips** (Monty Graham) – **Mentors** topic TBD

12:00 - 20:00 **Field Trip – Sack Lunches, off-site Dinner**

21:30 - 22:30 **Posters**

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## Thursday, December 8

07:45 - 08:45 **Breakfast**

08:45 - 09:00 **Announcements**

09:00 - 12:30 **Panel, Communicating with the Media:** Jessica Brown, Communication Consultant, SeaWeb; Ben Raines, Environmental Reporter for Mobile Register; Lisa Youn, Public Relations (PR) for DISL

12:30 - 14:00 **Lunch**

14:00 - 18:00 **Jessica Brown, Sea Web – Message in a Box**

18:00 - 18:30 **Dinner**

18:30 - 20:00 **TBD**

20:30 - 21:30 **Posters**

## Friday, December 9

07:45 - 08:45 **Breakfast**

08:45 - 09:00 **Announcements**

09:00 - 12:30 **Jessica Brown, Sea Web – Communication with the media & general public**

12:30 - 13:30 **Lunch**

14:00 - 16:00 **Working Groups**

16:30 - 18:00 **Wrap-ups - Evaluations**

18:00 - 18:30 **Dinner**

19:30 - ---- **Informal Beach Gathering**

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## Saturday, December 10

07:45 - 08:45 **Breakfast**

Airport Plans **Shuttles will take participants to Mobile Airport.** It is a 45-minute drive to the airport and passengers should be at the airport 1.5 hours before flights. We will be arranging a series of vans, based on departure times. Early departures will be accommodated.

## **NOTES**