



WOODS HOLE OCEANOGRAPHIC INSTITUTION

2007 Postdoctoral Symposium

October 30, 2007

- 9:00-9:30** **Introductions**
- 9:30-10:45** **Session I** **Chair: Sébastien Bertrand (MCG)**
- Joanne Muller (GG)* Uranium series measurements from the Indonesian Seas: Oceanographic changes over the past 25,000 years
- Michael Berumen (Bio)* Butterflyfish, community ecology, and the real science of Finding Nemo
- Henrieta Dulaiova (MCG)* The journey from your house to the offshore ocean - I know you can make it in few days, but it may take years for the dissolved compounds
- Sébastien Bigorre (PO)* In-situ observations of air-sea interactions in the Gulf Stream
- Justin Ries (GG)* Experimental investigation of the effect of CO₂-induced ocean acidification on marine biocalcification
- 10:45-11:15** **Break**
- 11:15-12:15** **Session II** **Chair: Breea Govenar (Bio)**
- Julie Rose (Bio)* Effects of temperature on Antarctic protists
- Sébastien Bertrand (MCG)* Has it always been raining cats and dogs in Chilean Patagonia? Insights from fjord and lake sediments
- Michelle Portman (MPC)* Waterfront land use change and marine resource regulation: New Bedford pilot study
- Ricardo De Pol-Holz (GG)* The ventilation of Antarctic Intermediate Water during the Last Glacial Termination
- 12:15-13:45** **Lunch (included)**
- 13:45-15:00** **Session III** **Chair: Jason Chaytor (GG)**
- Ernst Galutschek (GG)* A new gas ion source for the continuous-flow atomic mass spectrometry system at NOSAMS
- Alexandra Rao (MCG)* Trace metal cycling in an invisible estuary: Insights from flow-through column experiments with Waquoit Bay sands
- Julie Deshayes (PO)* Variability of the circulation in marginal seas, or how idealized theoretical models contribute to understanding the THC
- Adam Reitzel (Bio)* Population genetics and local adaptation of the starlet sea anemone *Nematostella vectensis*
- Valier Galy (MCG)* Role of continental erosion and climate change in the terrestrial organic carbon cycle: insights from the Himalayan system
- 15:00-15:30** **Break**
- 15:30-16:45** **Session IV** **Chair: Julie Deshayes (PO)**
- Mar Nieto-Cid (MCG)* Microbial degradation of dissolved organic matter in Arctic rivers
- Jason Chaytor (GG)* Extensional opening of the Mona Passage as revealed by new multibeam bathymetry and seismic reflection data
- Luciano Fernandes (Bio)* Toxic *Pseudo-nitzschia* in Gulf of Maine waters: ecology and molecular probes
- Anthony Kirincich (PO)* The effects of surface gravity-waves on inner-shelf circulation
- Krista Longnecker (MCG)* Grazing and organic carbon: A microbial perspective
- 16:45-17:00** **Concluding remarks and presentation of the WHOI Postdoctoral Association** (Breea Govenar)
- 17:00-19:00** **Reception**

List of Attendees

Applied Ocean Physics & Engineering

Chip Breier
Michael Jakuba

Biology

Michael Berumen
Luciano Fernandes
Breea Govenar
Sam Laney
Adam Reitzel
Mindy Richlen
Karyn Rogers
Julie Rose
Alicia Timme-Laragy
Becky Woodward

Geology & Geophysics

Jason Chaytor
Ricardo De Pol-Holz
Ernst Galutschek
Joanne Muller
Justin Ries

Physical Oceanography

Sébastien Bigorre
Julie Deshayes
Anthony Kirincich
Tobias Kukulka
JongJin Park

Marine Chemistry & Geochemistry

Sébastien Bertrand
Henrieta Dulaiova
Valier Galy
Krista Longnecker
Kanchan Maiti
Irina Marinov
Mar Nieto-Cid
Alexandra Rao

Marine Policy Center

Michelle Portman

Academic Programs Office

Janet Fields
Jim Price

Development

Alison Kline
Jim Rakowski
Audrey Rogerson

Media

Fritz Heide
Lonnie Lippsett
Kate Madin
Stephanie Murphy
Amy Nevala

The symposium will be held at the J. Erik Jonsson Center of the National Academy of Sciences in Woods Hole (on Sippewisset Road). The talks and coffee breaks will be in the Carriage house, and the lunch and reception in the Hackerman House, which are located one hundred yards apart.