



**2013 Summer Institute**  
**“Climate Forcing of Marine Ecosystems: Causes and Consequences”**

**Joint with IGERT Program on Ocean Change and Friday Harbor Lab Research Symposium**  
**Wednesday, Sept 11, 2013 through Friday, Sept. 13, 2013**  
**Friday Harbor Labs, San Juan Island**

**AGENDA**

**Wednesday, Sept. 11**

9:30 am Depart from UW for FHL (Lunch on your own - pack a lunch or purchase ferry food)

11:55 am Ferry from Anacortes to Friday Harbor

1:00-2:00 pm Arrive Friday Harbor. Check in: Room assignments, poster set-up (Dining Hall)

*Afternoon free* Row boat training (1:45 pm) *required prior to using row boats*

***4:00-6:00 Reception and poster session (Dining Hall)***

6:00-6:30 pm Dinner Served

***Evening session (held in The Commons)***

- 7:00-7:15 pm Welcome and logistics
- 7:15-7:45 pm Charles Stock (NOAA GFDL) – “Global plankton production in a changing climate: how much do we know and is it enough for fisheries projections?”
- 7:50-8:20 pm William Cheung (U. British Columbia) – “Detection, attribution and projection of climate change effects on global fisheries.”
- 8:30-9:00 pm Discussion

**Thursday, Sept. 12**

7:45-8:15 am Breakfast Served

***Morning session (Commons)***

- 8:30-8:45 Welcome and logistics
- 8:45-9:15 Antonietta Capotondi (U. Colorado) - "ENSO Diversity"
- 9:20-9:50 Nick Bond (UW JISAO) – “North Pacific Climate Variability on Decadal Time Scales”
- 9:55-10:25 Andrew Thomas (U. Maine) – “Differences in chlorophyll variability over the greater California Current: links to forcing”
- 10:30-10:50 Discussion
- 10:50-11:15 Break and group picture
- 11:15-12:15 Panel Discussion: *Policy, society, and management* – Terrie Klinger (UW), Vince Gallucci (UW), Chris Anderson (UW), moderated by LuAnne Thompson (UW)

12:15-12:45 pm Lunch Served

*Afternoon free* Row boat training (1:45 pm)

**5:00 pm (Commons) Charles Stock** – “Using IPCC-class models to assess the impact of climate on living marine resources”

**5:30-6:00 Student speed talks**

6:00-6:30 pm Dinner Served

**Evening session (Commons)**

- 7:00-7:30 Simone Alin (NOAA) - "Ocean acidification in coastal ecosystems: what we are learning about ‘drivers’ in the California Current System and Salish Sea"
- 7:30-8:00 Morgan Kelly (UCSB) – “Adaptation as a response to ocean acidification”
- 8:00-8:20 Discussion

**8:30-9:30 Donor’s Lecture and reception in dining hall – George Hunt** – “Some indications of the effects of climate change on seabirds: three stories”

### **Friday, Sept. 13**

7:45-8:15 am Breakfast Served. Clear out rooms, turn in keys.

- 8:30-9:00 LuAnne Thompson – PCC business discussion, logistics and Billie Swallow on FHL
- 9:00-9:30 Mike Steele (UW APL) – “The response of the Arctic Ocean to sea ice retreat.”
- 9:35-10:05 Neil Banas (UW JISAO) – "Linking ice cover and water temperature to plankton community structure and function in a changing Bering Sea"
- 10:10-10:30 Break
- 10:30-11:00 Al Hermann (UW JISAO) – “Physical and biophysical predictability - a question of scale.”
- 11:00-11:45 Discussion
- 11:45-12:00 Wrap up

12:15-12:45 pm Collect box lunches and depart for ferry. 1:50 pm Ferry to Anacortes. ~5:30 pm Arrive UW