

Polar Gordon Research Seminar and Gordon Research Conference March 25-31, 2017

**Ventura Beach Marriott
Ventura, California, USA
March 25-31, 2017**

Jackie Grebmeier

Chair, Polar Gordon Research Conference 2017 and Professor, Chesapeake Biological Laboratory,
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April 1, 2017
IASC Marine Working Group
Prague, Czech Republic

<http://www.grc.org/programs.aspx?id=12642>



2017 Gordon Research Conference (GRC) Polar Marine Science

“Understanding Ecosystem Change through Time Series Observations, Technological Advances, and Biophysical Coupled Modeling”

Chair: Dr. Jacqueline Grebmeier (USA), Vice-Chair Dr. Jean-Eric Tremblay (Canada)

Location: Marriott Beach Hotel, Ventura, California, March 26-31, 2017

- Bring together investigators (all career levels) in Arctic and Antarctic marine research
- Discuss new findings and uncertainties associated with marine time series data, use of developing technology for collecting those observations, and to identify successes and challenges emerging from time series observations and biophysical modeling that can be used to accurately forecast future ecosystem response
- Participants will present and discuss cutting edge interdisciplinary polar science observations, technological advancements and biophysical modeling activities associated with polar time series studies via **talks and posters**
- GRC format: 22 invited science talks by experts working at both poles, moderated by 7 discussion leaders, followed by in-depth open discussion periods and daily poster sessions
- Highlight session daily for the afternoon poster session for all participants



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- 124 registered scientists from 20 countries at all career levels in polar science
- GRC format: 22 invited science talks by experts working at both poles, moderated by 7 discussion leaders, followed by in-depth open discussion periods
- Highlight poster session 12-12:30 pm daily; daily afternoon poster session 4-6 pm
- Power Hour Monday, 3-4 pm Women in Science-open to all
- Wed. 7 pm business meeting, vote for Vice chair for the 2019 GRC to be Chair 2021 GRC
- Evening receptions (9:30-11:30 pm): Monday near pool and Thursday on Mezzanine level
- Open and free time discussions, please remember to introduce yourself
- Afternoon off to relax and talk, with optional activities at GRC desk; free shuttle to Ventura

2017 Polar Gordan Research Seminar

“Advancing the Physical-Biological Understanding of Polar Marine Ecosystems Through Innovative Technology” March 25-26, 2017

Chair: Dr. Ingrid Wiedmann (Postdoc UiT The Arctic University of Tromsø, Norway), **co-chair:** Nicole Couto (Ph.D. candidate, Rutgers University, USA); Marriott Beach Hotel, Ventura, California, March



- 43 graduate students and postdocs
- 20 countries
- 4 experts (Cottier, Wassman, Tremblay, Grebmeier-mentor panel)

- forum for graduate students and post-docs to present and exchange new data and cutting edge ideas with experts in different polar fields of science
- major focus of the 2017 GRS was on innovative marine technology including autonomous and remotely operated instruments, camera systems, advanced laboratory techniques, and numerical modeling
- early career scientists presented data and discussed how these technological advances improve the physical-biological understanding of polar marine ecosystems



Polar GRC (Arctic and Antarctic) Program: March 26-31, 2017The topics and [the speakers for the conference sessions (*italics denote discussion leaders*).

Mar 26: Keynote Session: Marine Ecosystem Status and Change in the Antarctic and Arctic
(*Jody Deming / Michael Meredith / Thomas Soltwedel*)

Mar 27 am: Physical Drivers in Polar Marine Systems
(*Anna Whalin / Walt Meier / Kay I. Ohshima / Andrey Proshutinsky*)

Mar 27 pm: Paleoceanographic Time Series Studies in Polar Regions
(*Beth Caissie / Heidemarie Kassens / Amy Leventer*)

Mar 28 am: Biogeochemical Interactions in Polar Marine Ecosystems
(*Lee Cooper / Francois Fripiat / Naomi Harada / Sanghoon Lee*)

Mar 28 pm: Lower Trophic Level Marine Time Series Studies
(*Monika Kedra / Jorgen Berge / Irene Schloss*)

Mar 29 am: Upper Trophic Level Marine Time Series Studies
(*Sue Moore / George Watters / Elena Erikson / Ari Friedlaender*)

Mar 29 pm: Biophysical Coupled Modeling Using Time Series Data in Polar Regions
(*Wieslaw Maslowski / Nadja Steiner / Martin Vancoppenolle*)

Mar 30 am: Technological Advances and Issues of Scaling for Time Series Data Collections
(*Jessica Cross / Finlo Cottier / Seth Danielson / Sebastian Swart*)

Mar 30 pm: Connecting Marine Observing Systems at the Poles: Regionally and Globally
(*Eddy Carmack / Mary-Louise Timmermans / Andrew Constable*)

Mar 31: Departure





Gordon Research Conferences The Power Hour

Committed to the inclusion and professional development
of women in science

Date: March 27, **Time:** 3-4 pm, **Place:** Ventura Beach Marriot

Chair: Christina Goethel*, **Co-Chair:** Hadley McIntosh*

*University of Maryland Center for Environmental Science, Solomons, MD, USA



GRC is pleased to announce a new program called the “Power Hour”, designed to help address the challenges women face in science. This meeting is an hour long, informal session **open to all meeting participants, both women and men.**

The GRC Power Hour was created by the GRC Board of Trustees to support the professional growth of women in our communities, provide an open forum for discussion and mentoring, and to build on the GRC’s history of inclusion.

Please consider attending this event, and join the community to discuss the issues facing women in science today.



- ~50 participants at all career levels
- Both female and male
- Well-received
- Topics:
 - mentorship/ mentors & networking
 - family building/ work-life balance,
 - financial discrepancies, and
 - harassment/ bias

Questions?

**2017 Polar Marine Science
gratefully acknowledges support from these contributors:**

[supported ~60% of 53 early career scientists with full or partial registration (lodging and food) support]

