

Workshop on Polar Science Communication

Sunday, February 11, 2018 at the Oregon Museum of Science and Industry

What does the public need to know about the Polar Regions to be science literate? What skills can we build as scientists to help communicate the importance of Polar ecosystems?

You're Invited...

Scientists are invited to explore our newly developed Polar Literacy Principles (PLP) while practicing and discussing effective techniques for science communication with science communication experts.

The NSF-funded Polar Interdisciplinary Coordinated Education (Polar ICE) project is leading an effort to develop a suite of concepts to help Polar scientists and informal and classroom educators to communicate about Polar Regions.

In this workshop you will learn how to construct more effective Broader Impact projects that engage the public in learning about Polar Regions. You will connect with educators, learning scientists, and media professionals from across the country. Finally you will network with polar research colleagues from across the country who also share an interest in effectively communicating polar science.

Polar ICE will provide education and outreach opportunities to practice your science communication skills. A \$300 stipend is available for scientists who participate in the program.



Only 25 scientists will be selected for participation in this

project **APPLY**

For your spot *before*

January 22, 2018

online:

<https://tinyurl.com/polarscienceliteracy>

Questions?

Contact: Janice McDonnell
mcdonnell@marine.rutgers.edu

Agenda for the Day

8:30 am - Welcome and introduction to the draft Polar Literacy Principles and concepts.

9:30 am - Science communication strategies and the power of storytelling.

12 pm - Free Catered Lunch

1 pm - What do people know about the Polar Regions? We will explore the PLP in terms of learner bottlenecks (the places where people get confused). How will we improve public understanding of the Polar Regions using the PLP?

4 pm - Wrap up

Sessions will be facilitated by:



Ari Daniel, a digital producer at PBS NOVA and independent science reporter for public radio programs among other outlets.



Dr. Joan Middendorf of the Center for Innovative Teaching & Learning at Indiana University and author of *Overcoming Student Learning Bottlenecks*.

Workshop Facilitators: Rutgers University, California State Monterey Bay, EIDOS, and Monterey Bay Aquarium Research Institute (MBARI),



This program is sponsored by the National Science Foundation Grants: PLR-1440435 and OPP-1525635.