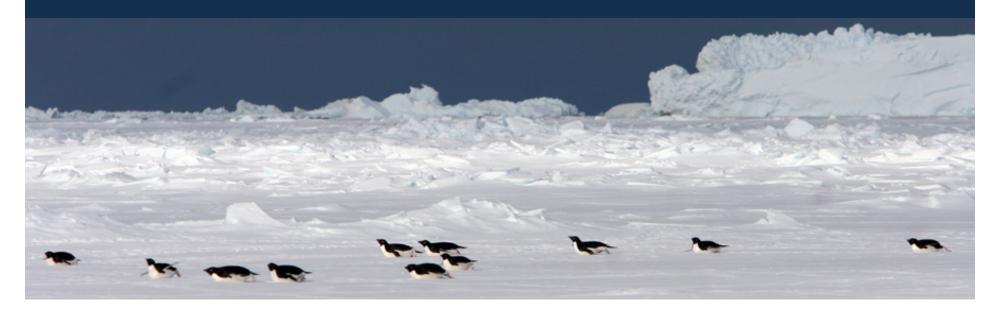
## **WELCOME TO DC!**

Marine Science Drivers for the Polar Regions

A UNOLS Polar Research Vessel Workshop

The <u>key</u> part of an NSF-funded effort: "Polar Research <u>Vessel Science Mission Requirements</u> (SMR) Refresh"



## **UNOLS PRV Committee**

Rob Dunbar, Stanford, Chair

Vernon Asper, U. Southern Mississippi

Dan Oliver, U. Alaska, Fairbanks

Maria Vernet, SIO/UCSD

Eugene Domack, Hamilton

Doug Russell, U. Washington

Larry Lawver, UTIG/U. Texas

Carin Ashjian, WHOI

Dale Chayes, LDEO/Columbia

Craig Smith, U. Hawaii

Bruce Huber, LDEO/Columbia

Hugh Ducklow, MBL

Support from Jon Alberts & Annette DeSilva, UNOLS

## Charge to Committee:

- Review SMRs identified during the Polar Research Vessel (PRV)
  Study completed in 2006.
- Develop a survey to gather feedback from the polar marine research community on the anticipated science missions and required capabilities.
- Community workshop to discuss science drivers, mission scenarios, review input to the PRV SMR survey, and gather additional feedback.
- Assess whether the existing PRV SMRs (2006) meet current and emerging needs for polar research. Identify any new SMRs (with 30 year lookahead forecasting).
- Prepare a report to NSF that shows <u>a clear connection between</u> <u>critical science questions</u> and the PRV SMRs identified. Interim Report Summer 2011, Final Report in late 2011 after public comment.

## Some thoughts on the Workshop

- It's the <u>Science</u> that is going to move this project forward....
- Our survey didn't promote eloquence in defining longrange science ideas – we need to do this here in DC.
- Start with Science Drivers and develop SMR's.
- We are a unique group of ~75 people scientists representing all marine disciplines, ship operators and mariners, technical and policy specialists, and program officers. EVERYONE has a voice. We must take advantage of being together to get this right.
- Think about tradeoffs and compromises. We need your collective professional wisdom.
- Capture your ideas in writing.

