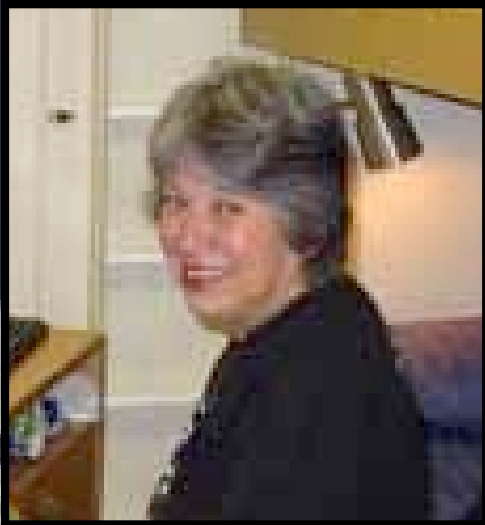


17 December 2007



# *Live from IPY!*

*with Lollie Garay*

*Onboard the Swedish Icebreaker Oden*

*Antarctica*

**Live from IPY! participants:** To join the audio portion of the event, please dial 1-800-315-6338 and when prompted, enter the code 78732#.



Raise your hand to ask a question

List of all participants

Return to the Lobby or Exit

Slides will be shown here

'Chat' with one person or the entire group



*Please note: Today's event will be recorded and archived at [www.polartrec.com](http://www.polartrec.com).*



## ***What is PolarTREC?***

PolarTREC is a professional development experience in which K-12 teachers are paired with researchers in authentic polar research experiences.

In the next three years over 40 teachers from around the United States will join scientists in the Arctic and Antarctica in celebration of the International Polar Year!

***[www.polartrec.com](http://www.polartrec.com)***



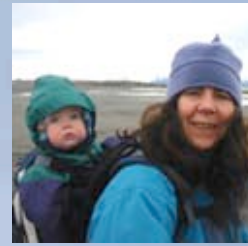
# The PolarTREC Team



**Wendy Warnick**  
PolarTREC PI  
Executive Director



**Helen Wiggins**  
Program Coordinator



**Janet Warburton**  
PolarTREC  
Project Manager



**Katie Breen**  
PolarTREC  
Project Manager



**Kristin Fischer**  
PolarTREC  
Project Manager



**Ronnie Owens**  
Web Developer



**Ben Wade**  
Web Developer



**Tina Buxbaum**  
Electronic Media  
Project Manager

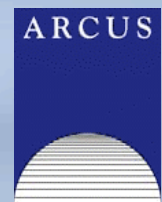


**Zeb Polly**  
Systems Administrator



**Joed Polly**  
Video Production

...with help from  
the entire staff  
at ARCUS





# *International Polar Year (IPY)* **2007-2009**

The International Polar Year (2007-2009) is an exciting scientific campaign focusing on the world's polar regions!

IPY is a time for discovery, science, learning, and awareness about the polar regions with activities for youth, scientists, and the public.

[www.ipy.org](http://www.ipy.org)

# The *Oden* Team





# **Lollie Garay**

*PolarTREC Teacher*

*Redd School  
Houston, TX*

# Oden Antarctic Expedition '07

24 November 2007-11 January 2008

The Oden Expedition is a co-operative endeavor between the Swedish Polar Research Secretariat and the U.S. National Science Foundation (NSF).

The scientific objectives of the cruise are to collect a range of data in rarely traveled areas of the Antarctic seas and coastline, including the Bellingshausen, Amundsen, and eastern Ross Seas.

An international research team will be studying the oceanography and biogeochemistry of the region while in transit to Antarctica, with a particular emphasis on the processes that control the growth and fate of phytoplankton in the ocean. These studies will add to our limited knowledge of these remote corners of the Antarctic Seas and allow future researchers to expand their monitoring efforts in these regions.



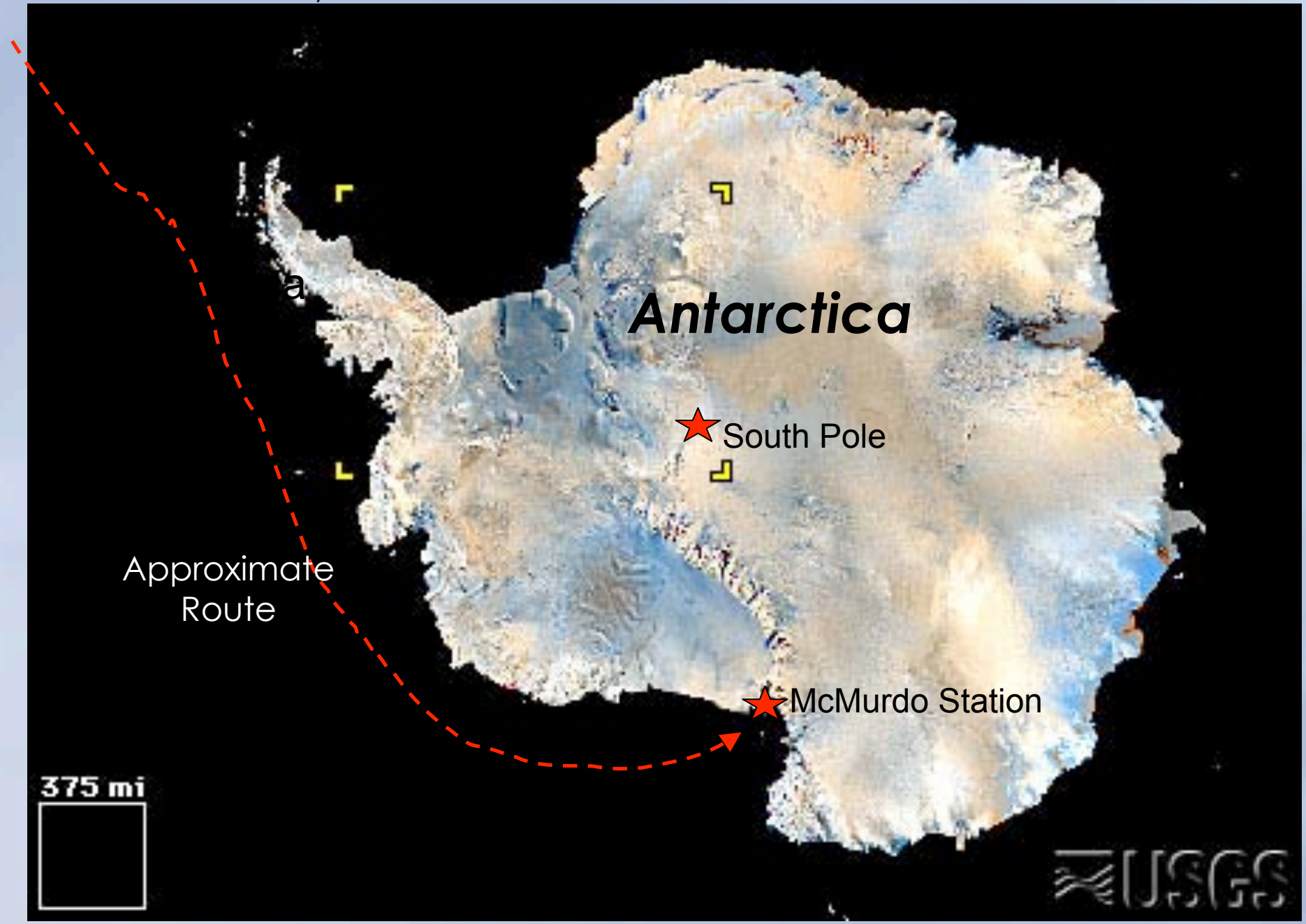
# Where is Ms. Garay and the Oden?

Political Map of the World, April 2006





From Punta Arenas, Chile



# Swedish Icebreaker Oden



*Life on the Oden*



# Ice Coring













***Whiteout!***



Another way to collect samples...





Net is 3.5 m long

What do you  
catch with a net  
like this?

How bottles are prepared...



# CTD:

Conductivity  
Temperature  
Density

















***extra***

***Questions?***



# Check out and register for upcoming events!



18 December 2007 -Live with Brandon Gillette - WAIS Divide

19 December 2007 - Live with Elke Bergholz - South Pole

Watch for additional events at: [www.polarrec.com](http://www.polarrec.com).



*Thank  
You!*



*If you have further questions,  
please contact us at  
[info@polartrec.com](mailto:info@polartrec.com) or call  
1-907-474-1600*

