

Live from IPY! *with Brandon Gillette*

Live from the Antarctic Ice Sheet Studies Expedition
West Antarctic Ice Sheet, Antarctica



18 December 2007

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



Today's event will be recorded and archived at 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



The PolarTREC Team



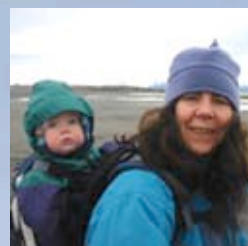
Wendy Warnick

PolarTREC PI
Executive Director



Helen Wiggins

Program Coordinator



Janet Warburton

PolarTREC
Project Manager



Katie Breen

PolarTREC
Project Manager



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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

Who are we talking with today?



Brandon Gillette

Huw Horgan

Knut Christenson

Paul Windberry

Luke Zoet

Leo Peters





Brandon Gillette

PolarTREC Teacher

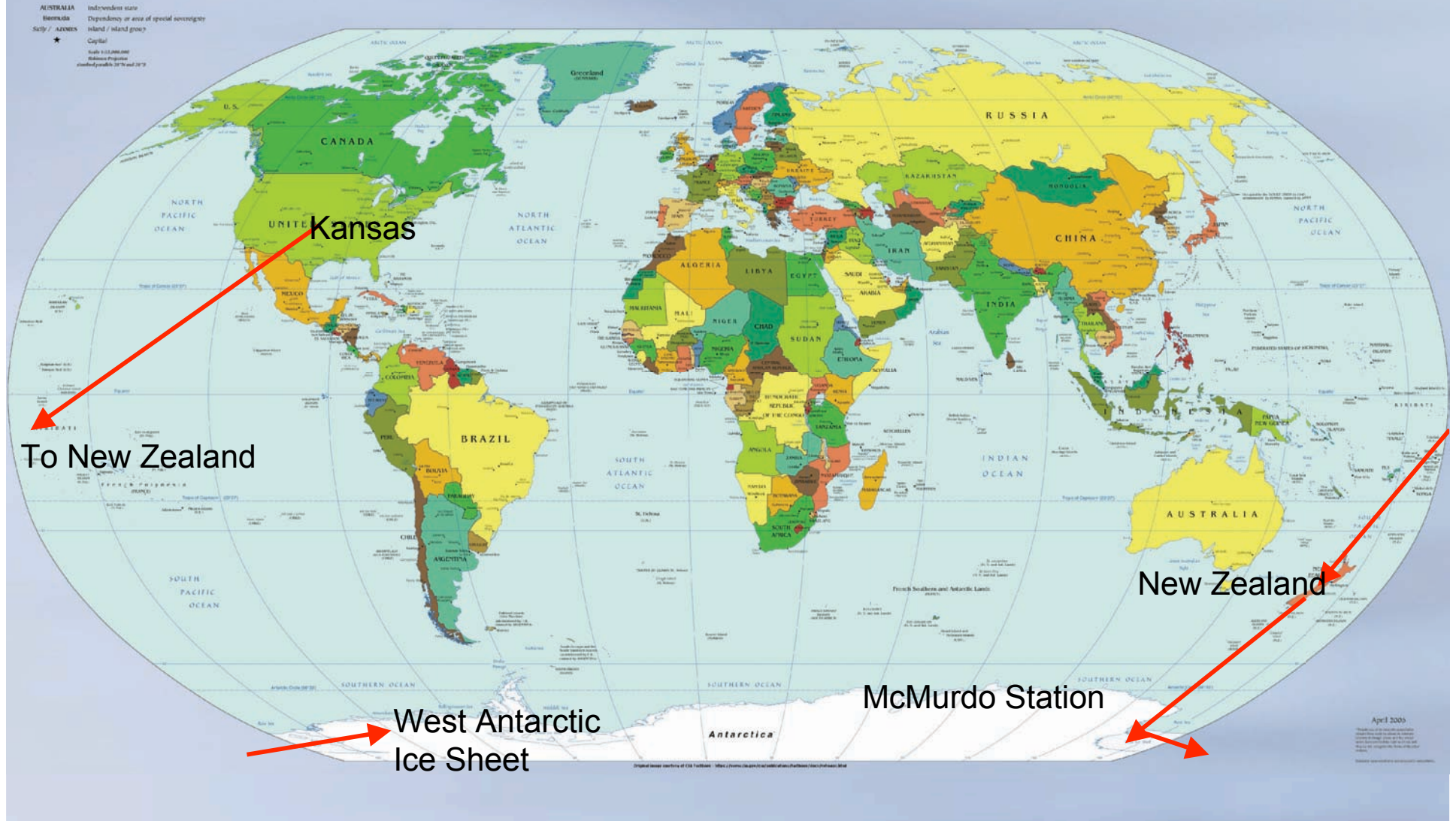
*California Trail JHS
Olathe, Kansas*

Read Brandon's journals,
see pictures, and ask
questions at
www.polartrac.com!



Where is Mr. Gillette and the Team?

Political Map of the World, April 2006





Antarctica

★ South Pole Station

★ West Antarctic Ice Sheet

★ McMurdo Station

375 mi



Antarctic Ice Sheet Studies Expedition

Brandon and the team will be documenting conditions at the West Antarctic Ice Sheet (WAIS) divide using a variety of techniques, including weather observations, GPS, ice coring, radar, and seismic sensing.

The team will characterize the base of the ice sheet by determining, for example, the amount of water and sediments under the ice, which will be used to help interpret ice core data.

Similar measurements over time will contribute to an improved understanding of, and ability to predict, the impact of changes in polar ice sheets on sea level and climate.





The Flight to McMurdo



Sea Ice from the air





Arriving in McMurdo Station

McMurdo Station



Observation Hill



McMurdo at 1 AM!



Happy Camper School





Snowmobile Training

Crevasse Training



Drilling Practice





Castle Rock





Mount Erebus



WAIS Research Station







The Big Storm



Questions?



Check out and register for upcoming events!



19 December 2007 - Live with Elke Bergholz - South Pole

Watch for additional events at: www.polartrec.com.

*Thank
You!*



*If you have further questions,
please contact us at
info@polartrec.com or call
1-907-474-1600*

