

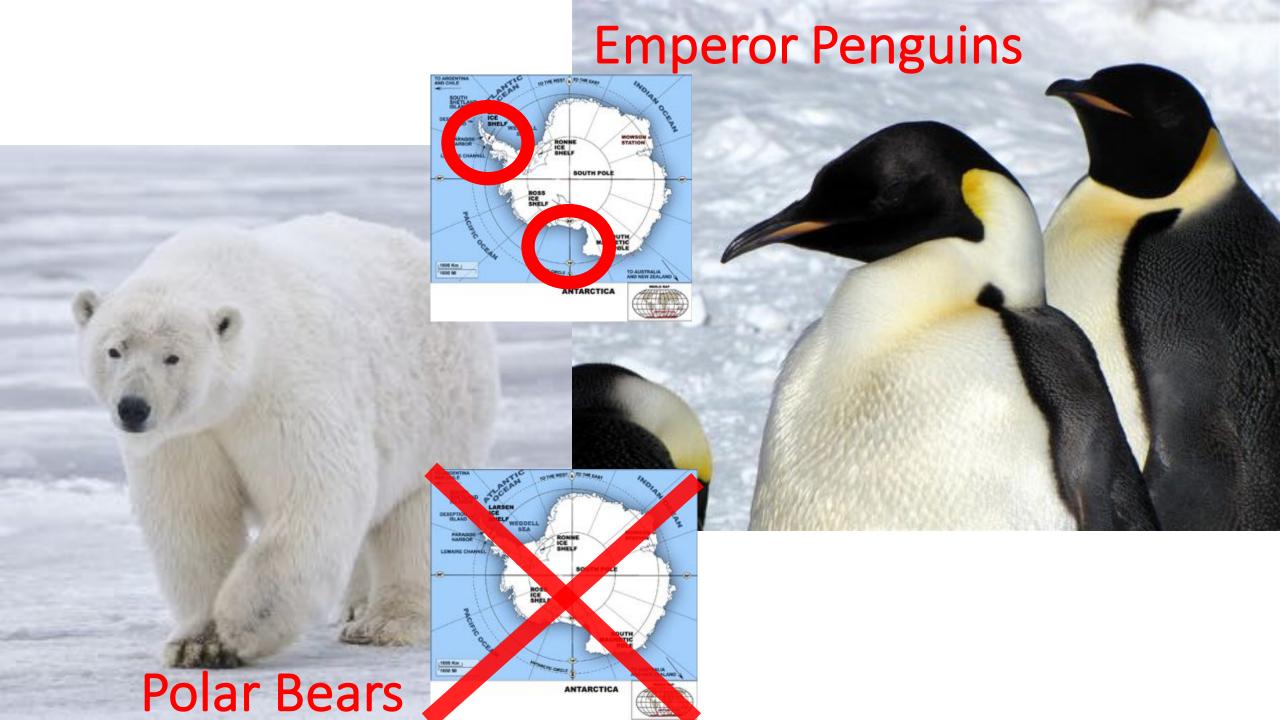
Living & Working at the South Pole



Kate Miller
PolarTREC 2016
Washington-Lee High School
Arlington, VA

Dr. Katey Shirey
PolarTREC 2010
Knowles Science Teaching Foundation





How did we get to there?



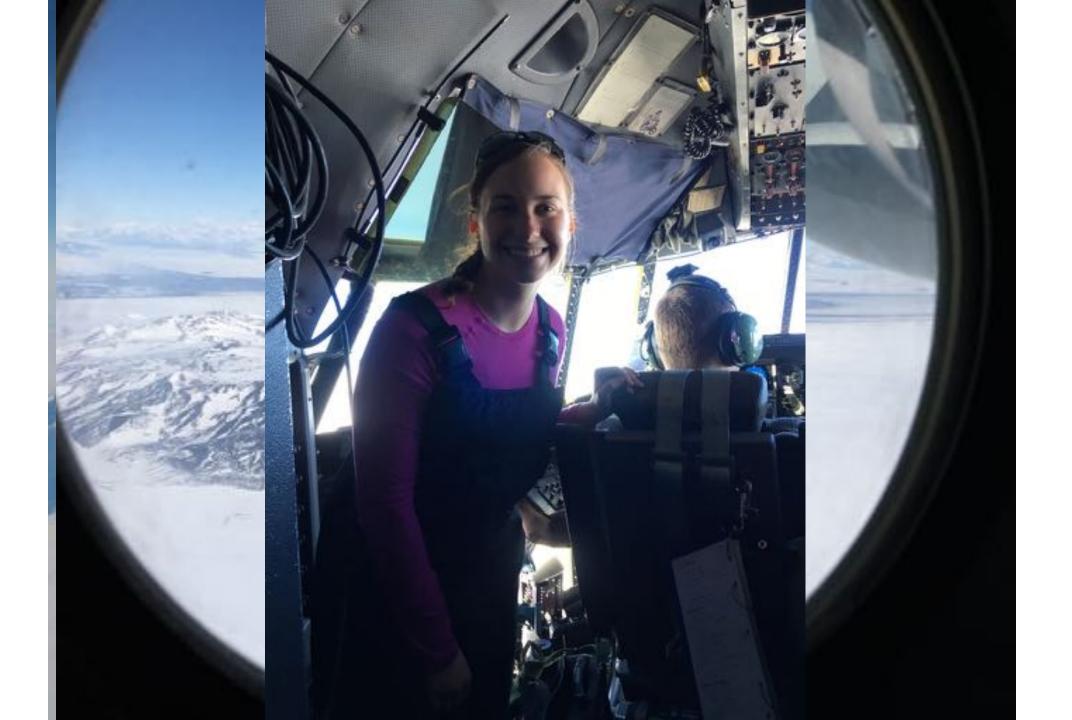


C-17 Globemaster









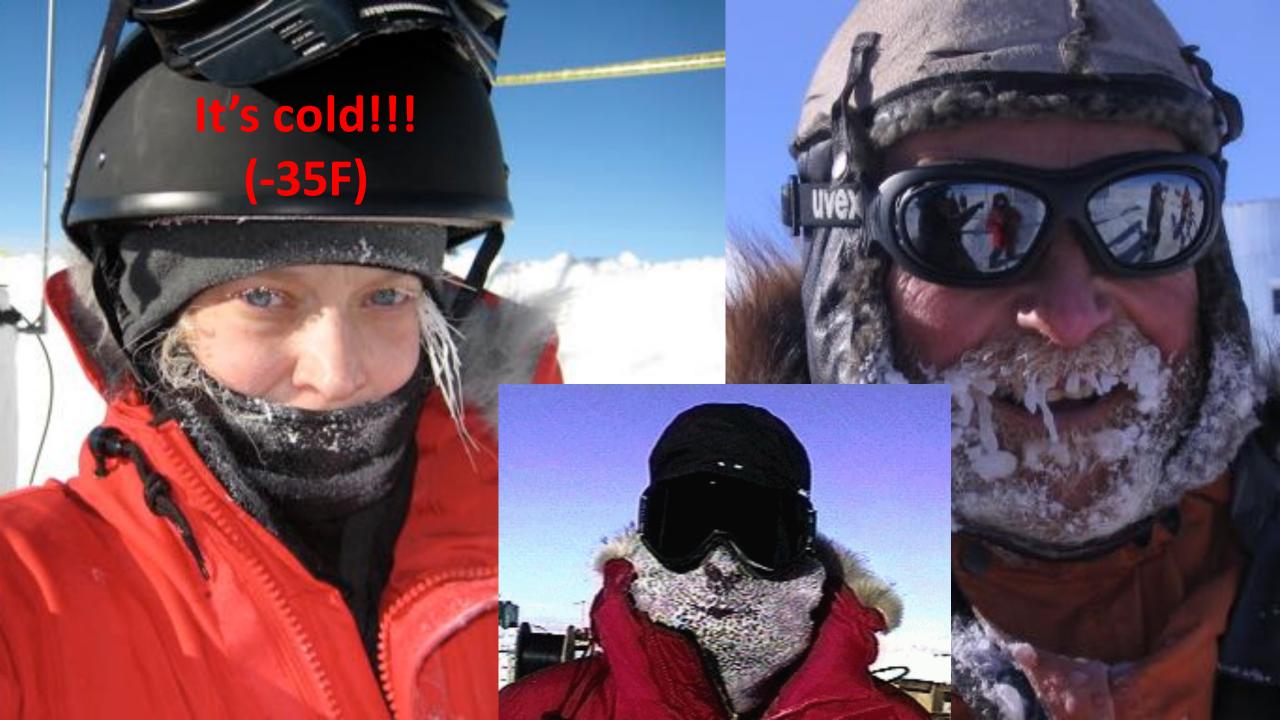










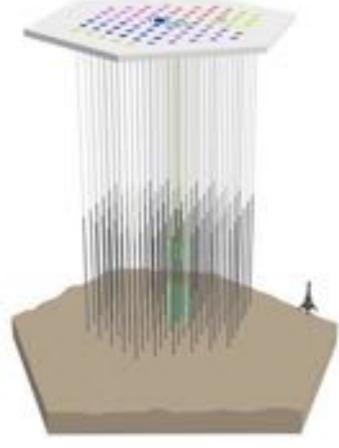


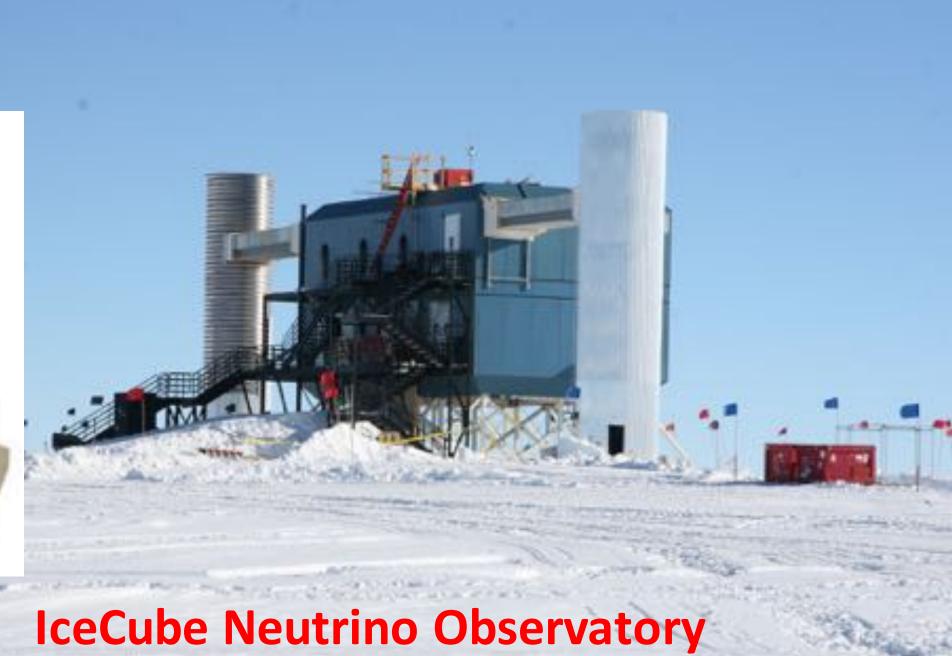


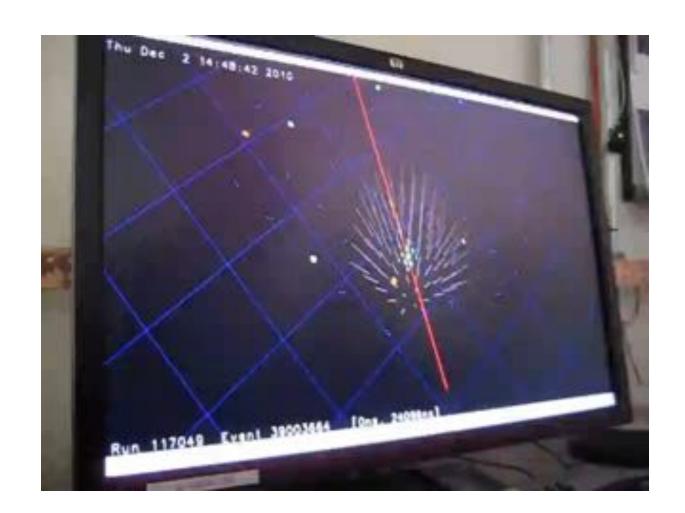
What should I wear?



Our Job







Engaging Students <u>AT the South Pole</u>



Engaging Students <u>AFTER the South Pole</u>





Engaging Students IN THE CLASSROOM

Upward Bound

2 weeks in July; 25 students; overarching theme of interaction (just as neutrinos interact with the South Pole ice)



How can you become a teacher in Antarctica?



- Selects 10-20 teachers for Artic & Antarctic expeditions each year
- https://www.polartrec.com/about/application
- Deadline right around the beginning of school
- 2018-2019 application is closed, but think ahead to 2019-2020!

Engage your students while staying warm(er)

- Blogs
 - read & comment!
 - polartrec.com
 - bit.ly/MillerSouthPole
 - bit.ly/ShireySouthPole
 - bit.ly/AndersonSouthPole
- Webcasts
 - Listen to a presentation LIVE from Antarctica!
 - Ask questions and get real-time answers
- Outreach opportunities
 - Postcard from the South Pole
 - Experiment at the South Pole





If neutrinos don't do it for you...



Questions?

Thank you for coming!

HOW TO FIND OUT MORE:

- PolarTREC: polartrec.com
- IceCube Neutrino Observatory: icecube.wisc.edu/

CONTACT US:

- kate.miller@polartrec.com
- · katey.shirey@knowlesteachers.com