

**Follow Expeditions • Teaching Resources • Live Connections**

Take your students on a polar science adventure with PolarTREC! Your classroom could be virtually transported to an icebreaker in the Amundsen Sea, a remote field camp in Alaska, or an archipelago of islands in the high Arctic. Experience the excitement of the polar regions by reading journals, looking at pictures, watching videos, and interacting with teachers and researchers working in the polar regions by asking questions online and joining *PolarConnect* live events from the field.

**Join the 2017-2018 PolarTREC teachers on their ARCTIC expeditions!**



**T:** Teacher, School, State  
**R:** Researcher, Institution, State  
**D:** Expedition Dates  
**L:** Expedition Location

**Operation IceBridge 2017\***  
**T:** Adeena Teres, Stoneman Douglas HS, FL  
**R:** John Woods, NASA's Goddard Space Flight Center, MD  
**D:** April 2017  
**L:** Kangerlussuaq, Thule AFB, Greenland



**Dynamic Observations of the Microstructural Evolution of Firn**  
**T:** Steve Kirsche, Liberty Pines Academy, FL  
**R:** Ian Baker, Dartmouth College, NH  
**D:** June 2017  
**L:** Summit Station, Greenland





**Research Opportunities in the Arctic for Minorities**  
**T:** Ruth Rodriguez, Clint ISD Early College Academy, TX  
**R:** Vanessa Loughheed, U. of Texas at El Paso, TX  
**D:** July - August 2017  
**L:** Barrow, Alaska



**Jellyfish in the Bering Sea**  
**T:** Lee Teevan, Booker T. Washington High School, VA  
**R:** Mary Beth Decker, Yale University, CT  
**D:** July - August 2017  
**L:** R/V Sikuliaq, Eastern Bering Sea



**Arctic Ground Squirrel Studies 2017**  
**T:** Jennifer Baldacci, International School of Basel, Switzerland  
**R:** Cory Williams, Northern Arizona University, AZ  
**D:** April - May 2017  
**L:** Toolik Field Station, Alaska



**CO2 and pH Studies of the Arctic Ocean**  
**T:** Dave Jones, Big Sky High School, MT  
**R:** Mike DeGrandpre, University of Montana, MT  
**D:** August- September 2017  
**L:** CCGS Louis S. St-Laurent, Beaufort Sea



**Upwelling and Ecology in the Beaufort Sea\*\***  
**T:** Lisa Seff, Springs School, NY  
**R:** Carin Ashjian, Woods Hole Oceanographic Institution, MA  
**D:** August - September 2017  
**L:** R/V Sikuliaq, Beaufort Sea



**Arctic Glacial Lakes**  
**T:** Rebecca Harris, Escalante High School, UT  
**R:** Ellie Broadman, Northern Arizona University, AZ  
**D:** July - August 2017  
**L:** Lake Peters, Alaska

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**IceCube and the Askaryan Radio Array**  
**T:** Lesley Anderson, High Tech High Chula Vista, CA  
**R:** Jim Madsen, University of Wisconsin, WI  
**D:** January 2018  
**L:** South Pole Station

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**Seasonal Sea Ice Production in the Ross Sea**  
**T:** Jenn Bault, Nicolet Union High School, WI  
**R:** Hongjie Xie, University of Texas at San Antonio, TX  
**D:** November 2017  
**L:** McMurdo Station



**Antarctic Automatic Weather Stations**  
**T:** George Hademenos, Richardson High School, TX  
**R:** Carol Costanza, University of Wisconsin, WI  
**D:** November 2017  
**L:** McMurdo Station

**Follow all the 2017-2018 Expeditions!**

**On the PolarTREC website:**

- Read Expedition Journals
- Ask questions and leave comments
- Participate in *PolarConnect* Events
- Join the Polar Education E-mail List

**On social media:**

- Follow the hashtag #PolarTREC on Facebook and Instagram
- Check out the Twitter feed with @PolarTREC

PolarTREC is funded by the National Science Foundation Office of Polar Programs and managed by the Arctic Research Consortium of the United States. For more information, visit us online or e-mail [info@polartrec.com](mailto:info@polartrec.com).

\* Expedition supported by NASA/Operation IceBridge.

\*\* Expedition supported by researcher funding.

