

# Video Teleconferences with Polar Scientists

## Antarctica, Palmer Research Station

What is it like to do "Research on the Ice"? Students are invited to participate in a 30-minute scientific discussion with a polar scientist from the Long-term Ecological Research (LTER) program at Palmer Station, Antarctica. Students will learn how scientists are setting up long-term experiments to understand this remarkable ecosystem and what that tells us about our changing climate. These video teleconferences are designed to engage students in authentic research and introduce them to practicing scientists involved in cutting edge research.



### Requirements for participation:

- Educator will implement a relevant lesson plan to help prepare the students. *Rutgers University will provide lesson suggestions.*
- Educator will participate in a test video call with Rutgers prior to a scheduled VTC.
- Students will submit 10 questions for the VTC to discuss with scientists. Questions are due 48 hours in advance of the call. All calls take place at 1 pm EST/10 am PST.
- Only 1 call per school. We take three schools per scheduled call.

VTC Topic	Date	Grade Level
Research on the Ice – Focus on Seabirds	January 29, 2020	3 <sup>rd</sup> – 5 <sup>th</sup>
Research on the Ice – Focus on Scientific Tools	February 12, 2020	6 <sup>th</sup> – 9 <sup>th</sup>
Research on the Ice – Focus on Marine Mammals	March 4, 2020	3 <sup>rd</sup> – 5 <sup>th</sup>
Research on the Ice – Focus on the Changing Ecosystem	March 11, 2020	6 <sup>th</sup> – 9 <sup>th</sup>

### How to Apply:

- Complete the online application by **December 11, 2019**:  
<https://polar-ice.org/winter2020/>
- Schools will be notified in mid-December 2019 of their acceptance.
- Mandatory Test video calls using ZOOM platform on January 13, 2020 at 4pm EST/1 pm PST and January 14, 2019 at 7pm EST/4pm PST.



*This program is sponsored by National Science Foundation grant PLR-1440435 and OPP-1525635.*