

# Video Teleconferences with Polar Scientists Antarctica, Palmer Research Station

K-12 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 about Antarctic food web ecology and how scientists are setting up long-term experiments to understand 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/3 pm Palmer.
- Only 1 call per school. We take three schools per scheduled call.

VTC Topic	Date	Grade Level
Seabirds Research	January 23, 2019	3-5
Seabirds Research	January 30, 2019	6-8
Marine Mammals Research	February 6, 2019	9-12
Scientific Tools in Antarctica (Ocean Glider Technology, Animal Tags)	February 13, 2019	6-8
Sea Ice and Climate	February 27, 2019	9-12
Food Webs in Antarctica	March 6, 2019	3-5

## How to Apply:

- Complete this online application by **December 1, 2018**:  
<https://tinyurl.com/PalmerVTC2019>
- Schools will be notified in mid-December 2018 of their acceptance.
- Mandatory Test video calls using ZOOM platform on January 7, 2019 at 4pm EST/1 pm PST and January 8, 2019 at 7pm EST/4pm PST.



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