

Questions –Marine Mammals VTC Call, February 6, 2017

1. What inspired you to work in Antarctica and how long have you been doing this?
Shawn O – Egg Harbor Township HS
2. Where does the Humpback whale population stand now and where is it headed? **Joella M. – Howell HS**
3. When studying aquatic species what is the main thing looked for to better understand how they are changing compared to previous years? **Isabella A. – Bayonne HS**
4. How often do humpback whales reproduce? How big do they get? **Ananda M. –Howell HS**
5. How many whales have you seen at one time? Do the same ones come back each year?
Samuel D – Egg Harbor Township HS
6. In the video you guys talk about technologies such as biopsy samples and other various machines, what do you believe is your most valuable technology used in your research?
Jennifer N. – Bayonne HS
7. Can you describe the baleen of the humpback whale? **Luke B. – Howell HS**
8. When you go out to do research away from the base, how far do you travel, and what do you take with you for survival? **Dalton K – Egg Harbor Township HS**
9. How is the natural behavior of the animals changing because of the climate change? Is it affecting their eating or living habits or influencing them to eat other things or migrate to different places? How is climate change overall affecting their natural environment? How can this affect our environment? **Emily A – Bayonne HS**
10. How often do you get to interact with whales? How do they react to people? **Matt P. – Howell HS**
11. What is it like to live there? What do you do for fun when you are not doing research?
Tyra T – Egg Harbor Township HS
12. Where can we access your research or work? **Brianna P. – Bayonne HS**
13. What are the biggest changes you have seen over the time the Palmer Station has been in existence? **Julia N. – Howell HS**
14. How does your everyday routine and research change between winter and summer?
Savannah B – Egg Harbor Township HS
15. Have you found any new organisms or animals with new adaptations that haven't been discovered or studied before? **Hareem A. – Bayonne HS**
16. Have you ever had a near death or dangerous experience with a humpback whale?
Hannah F. – Howell HS
17. What is the greatest threat of global warming to the continent and to the animals?
Jason R. – Egg Harbor Township HS
18. Was there ever a time where an important piece of equipment broke, did you have to go back north? **Nisrine E. – Bayonne HS**
19. Have you personally seen the effects of whaling in your research? **Erik S. – Howell HS**
20. How long will your supplies last? What is the fastest you can get new supplies if your equipment breaks or fails? **Genesis R – Egg Harbor Township HS**

Additional Questions - Howell High School

1. Can you tell us ways that we can help with global warming, and maybe ways to save the ice?
2. What will happen to the ecosystem if all the ice melts? William O.
3. How did you get your position? Why are you a scientist? Justin R.
4. What is the importance of the Environmental Protection Agency? What is the importance of understanding or believing in Global Warming? Brian R.
5. Do you think things will get better? Angela S.
6. What is the hardest part of living in Antarctica? Aine O (pronounced Anya)
7. How did you build your living and work spaces? How often do you get to see or talk to your family and friends? Alyssa G.
8. Are Humpback Whales an endangered species? How big is their population? Mercedes G
9. What made you want to go into this field of study? Sam F.
10. When at the Palmer Station, what is your diet? Sam F.
11. Where do you think the humpback whale population will be in 20 years? Nicole G.
12. What is the hardest part of living in Antarctica? Nicole G.
13. What is the closest you have ever gotten to a humpback whale? Samantha W.
14. What can people (we) do to make your work better known? Gracen T.
15. If you could learn one thing about humpback whales that is not already know, what would it be and why is it important? **Luke B. – Howell HS**

Additional Questions -Egg Harbor Township High School

Nick P. What is the coldest temperature you experienced in Antarctica? How have you adapted to the cold temperatures?

Chase P. Have you done any research on the largest animal that lives totally on land, the *Belgica antarctica*?

Additional Questions - Bayonne HS

From your research, is there any possibly that what is happening to our Earth can be avoided? How, can we as high school students, help with the research? (Karla V.)

How many different species are in the 69,000 square miles that you set out to study from Palmer Station? (Kristina K.)