Questions – Microbe Ecology VTC, 2/21/17

1. What made you want to study life in Antarctica? – Annie C., Shrewsbury Boro School
2. Are you focusing on a specific microorganism in your research? – Lucia M., Ying Hua International School
3. How do you develop new protocol for collecting bacteria or other data? – Kieona W., San Antonio Elementary
4. What does your research lab look like? – Brendan L., Shrewsbury Boro School
5. What microbes help maintain the ecological balance? And how? – Stephanie T., Ying Hua International School
6. What path could someone take to become a scientist like you? – Katie C., San Antonio Elementary
7. What is the most interesting part of your job? – Maddie B., Shrewsbury Boro School
8. Does global warming affect your research methods and/or equipment in any way? - Madeline E., Ying Hua International School
9. We are going to be collecting water and soil samples from our local lake. Can you give us any advice to help us develop protocols for collecting data? – Devin F., San Antonio Elementary
10. Have you discovered any new species? – Kati V., Shrewsbury Boro School
11. Do you work with other research stations to see how the lives of Antarctic animals are affected by global warming? – Katherine G., Ying Hua International School
12. We did a project comparing krill to bacteria and found a slight negative correlation. Why do you think this occurred? – Josh R., San Antonio Elementary
13. How large is Palmer Station? – Megan W., Ying Hua International School
14. What are some maintenance problems you encounter because of the cold? – Levi H., San Antonio Elementary
15. What are some things you need to survive out in Antarctica? – Dylan G., Shrewsbury Boro School
16. Are there any current trends in the numbers of bacteria? – Andy P., San Antonio Elementary
17. Does your research help the animals and microbes? – Jaden C., Ying Hua International School
18. What has changed since you have been to Antarctica? - Donovan B., Shrewsbury Boro School
19. What is involved in analyzing all your data? – Michael G., San Antonio Elementary
20. What is the coolest thing you have every discovered? – Gracie N., San Antonio Elementary

Additional Questions:

San Antonio Elementary

* Makai D. – What is the most dangerous situation you have ever been in in Antarctica?
* Seralyn C. – What are you currently researching?

YingHua International School – Student Questions

* Ursula H. – How long did you go to school before you came to Antarctica?
* What challenges do you face living in Antarctica? – Yasirah V.,

Shrewsbury Boro School

* Isabelle D: Are there any other research labs besides the ones mentioned in the dvd in Antarctica?
* Drew M: Is the climate change in Antarctica changing other environments in the world?
* Jack F: Why is the W. Antarctica peninsula the warmest place?
* Nina R: What will be the long term affects of the changes in the Antarctica to the rest of the world and all different species?
* Eilzabeth K: When do scientists think the population of krill will be extinct
* Maria R: How do you get food in Antarctica?