**Marine Microbes VTC Questions – 03/01/2017**

1. How do you collect microscopic organisms to study in Antarctica? **- Leilani, Morehead City MS**
2. How many species of microbes are found near Palmer Station? I know microbes and bacteria are some of the toughest and most tolerant species, but what exactly are they doing there? And, how do they survive in such harsh conditions? - **Mia, Luke & Ciara, Sandwich HS**
3. What do samples from different sea levels matter? Is there a difference in samples at different sea levels? - **Deanna M., Manchester Twp.**
4. How often do you go out on the ocean and for how much at a time? - **Bryan T., Maria Carrillo HS**
5. How do microscopic organisms obtain the nutrients from the sea? **- Susanna, Morehead City MS**
6. Are the microbes found in the ice? If not, where or how do you find these microbes? What is the purpose of your current research? Do you work collaboratively or individually on these kinds of projects? Is this the best time to do research down there or do you go down year-round? – **Matthew P., Sandwich HS**
7. What is your favorite part of this experience? How many times have you gone back? If you haven’t returned, would you go back if you had the chance? - **Alyssa S., Manchester Twp. HS**
8. Why is the decrease in the amount of krill in the ocean so important? **- Jazmine V., Maria Carrillo HS**
9. How long did it take and how did you get started in your career? – **Parker, Morehead City MS**
10. What has been your most substantial (or exciting) discovery/realization due to discovering these microbes in Antarctica? – **Liam R., Sandwich HS**
11. What happens if you don’t get the answers to your research you expect? Do you feel like your research is making a difference? - **Aryeyana G. & Allie M., Manchester Twp HS**
12. What kind of changes have you noticed since you have been living in Antarctica? - **Rida A., Maria Carrillo HS**
13. What are the difficulties experienced in your job? **- Olivia, Morehead City MS**