**PolarTRECVision & Goals Alignment Template**

**Purpose:***Vision & Goals Alignment* is meant to be a living document to help you integrate the PolarTREC experience with your professional vision and goals.

**Process:**Share your document with your research team and the PolarTREC Project Managers.

* List your professional goals. How can your PolarTREC experience help you reach those goals?
* Continue as Department Chair and leader at Freedom High School
* Become Table Leader and Question Leader for AP Environmental Science reading
* Speak at NSTA Annual Conference and other events
* What is your vision for integrating the PolarTREC experience into your current work?

Using the Next Generation Science Standards (NGSS) as well as my states Environmental Science Standards as a guide, I would like to use my PolarTREC experience to help my students learn the process of science. I will have access to real-life, authentic data that my students can manipulate to determine actual scientific outcomes. I will also be able to use my PolarTREC experience to conduct analogous experiment with my students to those that I conducted while at Palmer station. I expect to stay in close contact with Dr. Amsler and the field research team at University of Alabama Birmingham (UAB) so I can continue to conduct research experiments with the team, possibly visiting their lab at UAB. My experience with PolarTREC will allow my to further my students understanding of how organisms interact in the marine environment in the Southern Ocean.

* What kind of support do you need from the PolarTREC community (researchers, peers, alumni, ARCUS team, etc.) to achieve this integration and reach your goals?

My PolarTREC community can support me in many ways. Continued communication with the ARCUS and PolarTREC team and access to funds for travel and presentations to conferences would be helpful. I would like to visit Dr. Amsler at UAB to continue conducting research experiment after the expedition ends and I will continue to keep in contact with Nell, especially because I am interested in how she ran her Polar Ambassador program. Wendy and I are hoping to develop a presentation “North Carolina Educators Going Polar” that we can deliver at conferences across the state and at the national level.

* Are there specific aspects of the PolarTREC experience you want to focus on? (i.e., polar science content, nature of science, field research methods, pedagogy, science communication strategies)

I would like to focus on two main areas polar science and field research methods.