Bringing **New** Groups Together: As a group we are cross-discipline however – other options

- Arctic Researchers
- Space Science
- Data Scientists
- Economists
- Deep-Sea Science
- Social Scientists
- Gate Keepers for Diversity
• Harnessing the Data Revolution/ Growing Convergence Research
  • Data Scientists to Construct the future questions of Deep-Sea Systems
    • Neural Network analysis of archived imagery from Deep Sea systems
    • Early Career workshops to used data analysis (include OOI)
    • ¼ kids are working on an App.

• Arctic + Deep-Sea Scientists?

• Identify Mid-Scale Infrastructure
  • What could converge researchers?
    • NASA connections (Windows to Universe)
    • Clusters of small robotic sequencers (Floaters and Crawlers) to sequence a marine cloud/ plume/ whatever (‘mid scale’) (Rules of Life)

• Sensor Development to Facilitate NSF 2026’s questions
  • Can we identify the unanswerable questions that we will be able to answer in a decade
Using autonomy within robotics to identify common rules of life across deep-sea habitats.

   Ubiquity of chemosynthesis
   Connectivity (biotic, abiotic, physical)

Immersive technology to explore/ quantify/ experience deep-sea processes
   - Gamers
   - Data science
   - Phone/ App Development
   - Deep Sea Scientists

Working with Gate Keepers as well as Directed internships and funds towards recruiting groups underrepresented in Science would be key