

OSU – Behrenfeld Team

Instruments

- BD Influx Cell Sorter (flow cytometry)
- FRRf
- Filtration
- Coulter Counter
- Multi spectrum plate reader?

Will be assisting/involved in:

- 1) Dilution experiments (growth/loss rates)
- 2) ^{14}C – Production Experiments

Side interests:

Extent/timing of particle colonization by bacteria

Measurements

- Flow cytometry
 - phytoplankton carbon
 - species/group abundance
 - cell cycle analysis
- FRRf
- HPLC Pigments
- Total Particulate Organic Carbon
- Particle size distribution
- Assessment of *in situ* growth rate including enzyme assays and short term radioisotope labeling