

Collaborative Research: Activity and abundance of photoheterotrophs fueled by photochemically-produced substrates (NSF OCE 1029569 and 1030306)

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We agree to comply with the open access data policy as described in *Division of Ocean Sciences Data and Sample Policy, NSF 04-004*. The following is a modified version of what appeared in the original proposal.

Data Management Plan

Data from this project will be published and made available on our websites (www.ceoe.udel.edu/cms/dkirchman/MOPE/ and www.esf.edu/chemistry/kieber/kieber.htm). A metadata listing will also be available through these websites or through other appropriate sites. Oceanographic data obtained from the cruises will be deposited in appropriate data banks including the National Oceanographic Data Center (NODC) and the The Biological and Chemical Oceanography Data Management Office (BCO-DMO; <http://bco-dmo.org/>). All sequences collected during the project will be submitted to national sequence databases (NCBI, Camera).

The following table gives the main data we anticipate collecting during this project, plus the appropriate database where the data will be submitted. We will also make use of our websites (see above) for sharing these data with colleagues.

| <u>Data</u> | <u>Database</u> |
|--|-----------------|
| Temperature and salinity | NODC, BCO-DMO |
| Chlorophyll | NODC, BCO-DMO |
| Nutrients | NODC, BCO-DMO |
| Irradiance and attenuation coefficients | NODC, BCO-DMO |
| Bacterial production | NODC, BCO-DMO |
| Dissolved organic carbon (DOC) | NODC, BCO-DMO |
| Chromophoric dissolved organic material | NODC, BCO-DMO |
| Gene sequences of pufM and proteorhodopsin | NCBI, Camera |