Systems Biology of 8 Deep Sea Basins Sites

- Collaboration with MIT Drs. Eric Alm and Martin Polz (bioinformatics and perturbation studies)

Objectives: assessment and prediction of:
- the potential for oil biodegradation
- the likely progress of natural attenuation of oil
- species and/or genes well-suited to biodegradation site specific crude oil
- environmental conditions that might control oil and dispersant biodegradation
- dynamics of the ocean microbial community in response to carbon