OCN750 – Historical Perspectives in Biological Oceanography
Spring 2006

Wednesday 12:30 – 1:30pm, MSB305

http://www.soest.hawaii.edu/oceanography/zij

Instructor:
Zackary Johnson (MSB614, zij@hawaii.edu)

Grading (1-2 units):
100% class participation / attendance

Course Description:
The goal of this course is to read and discuss classic papers in biological oceanography. This course is open to graduate students in biological, chemical and physical oceanography. Students are encouraged to suggest papers for discussion or to solicit ideas from their major professors. Having a solid understanding of seminal papers will help to appreciate how ideas have evolved over time, and how our understanding may continue to evolve.

OBJECTIVES:
• To understand how major ideas evolved in the field of biological oceanography and how this history influences or current attitudes in the field

• To gain an appreciation for the difficulty of conducting science with limited tools / resources

• To become familiar with some classic papers in biological oceanography
Readings:

January 11
• Organization

January 18

January 25

February 1

February 8

February 15

February 22
• no class - Ocean Sciences Meeting

March 1

March 15
• Redfield, A.C. 1958. The biological control of chemical factors in the environment. *American Scientist* 46: 205-211.

March 20

April 5

April 12

April 19

April 26

May 3

some other papers of interest


