

ATOC 6020-814 Fall 2013 Syllabus: **Oceanography Seminar**

(see also: http://atoc/index.php?option=com_content&view=article&id=259&Itemid=242 ;
http://atoc.colorado.edu/index.php?option=com_content&view=article&id=260).

Who: Dr. Ralph F. Milliff, CIRES (instructor) milliff@colorado.edu ;
Ms. Laurie Conway (ATOC staff) laurie.conway@colorado.edu

*Graduate students ATOC, others with permission (see Laurie Conway)
Ocean Science researchers in and visiting Boulder*

What: A Seminar Course to expose ATOC graduate students to the depth and breadth of modern ocean research. Lectures and advance materials provided by leading researchers local to Boulder and/or connected via collaborations. Seminar presentations are targeted to the graduate student audience.

When/Where: Mondays; 4-5 PM Duane Physics, E126.

Expectations:

- 1. Courteous and respectful audience.*
- 2. Consistent participation: One free miss, no excuse required. Second miss with excuse only. Third and more misses have grade implications. Advance notice is always a sound policy.*
- 3. Quality participation: Synopses due via email to milliff@colorado.edu by 7pm Thursday of the week following each Monday seminar (no seminars 2 Sep and 9 Dec). Synopses are 2 or fewer pages that: a) succinctly summarize the major findings of the work presented; b) note the importance of the work in larger contexts (e.g. climate, ocean circulation theory, ocean ecosystem theory, etc.); and c) suggest extensions and/or improvements (if any).*
- 4. Speakers are encouraged to suggest introductory and/or background readings before their talks. These will be posted as soon before the talks as they are available. Well-constructed synopses will reflect familiarity with these materials.*
- 5. Reach! Take this opportunity to learn about ocean science subject matter that is not familiar.*

Implications:

- 1. The instructor will be monitoring the reasoning and writing capabilities of the enrolled students. These are criteria that bear on your future research opportunities at CU and beyond.*
- 2. Speakers are likely dissertation committee chairs, members, readers, and research advisors.*