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


**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.