AOS 900 Seminar: Meteorology: Current & Classical Problems
FALL 2012, MON 2:25 pm-3:15 pm, AOSS Rm. 1039

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Course Description
This seminar is a one-time requirement for the AOS Ph.D. degree devoted to advanced study of chosen topics in Atmospheric and Oceanic Sciences. The goal is to trace the coherence and continuity of thought on these topics and understand the nature of our science and what we do as scientists. The interplay of observations, theories, and the resolution of controversies will be analyzed in their influence on the evolution of ideas. Course activity consists primarily of weekly student background reading, individual presentations, and extensive group discussions. Readings will be posted on learn@uw or handed out in class.

Recommended books:

9/10 Introduction, expectations, goals, sign-up for presentations
9/17 Science ethics discussion
9/24 Jean Phillips presentation on literature reviews
10/1 Science philosophy discussion
10/8 History of meteorology discussion
10/15 Science communication discussion
10/22 Faculty presentations
10/29 Student presentation #1-3
11/5 Student presentation #4-6
11/12 Student presentation #7-9
11/19 Student presentation #10-12
11/26 Student presentation #13-15
12/3 NO CLASS
12/10 Wrap up, group discussion/outing