

**AOS 900 Seminar: Meteorology: Current & Classical Problems**  
**FALL 2008, TUE 2:30 pm-3:45 pm**

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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. The interplay of observations, theories, and the resolution of controversies will be analyzed in their influence on the evolution of each topic. Course activity consists primarily of weekly student background reading, individual presentations, and extensive group discussions.

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|-------|--|----------|
| 9/2   | Introduction, expectations, goals, sign-up for presentations | (Vimont) |
| 9/9   | What is Science? discussion                                  | (Desai)  |
| 9/15  | Attend colloquium  |          |
| 9/16  | Jean Phillips presentation on literature reviews             |          |
| 9/23  | Discussion of 9/15 seminar + Discussion of Kuhn              | (Desai)  |
| 9/30  | Vimont ENSO presentation                                     | (Vimont) |
| 10/7  | History of meteorology essay discussion - chapters 1 & 2     | (Desai)  |
| 10/14 | History of meteorology essay discussion – chapter 12         | (Vimont) |
| 10/21 | Student presentation #1                                      |          |
| 10/28 | Student presentation #2                                      |          |
| 11/4  | Student presentation #3                                      |          |
| 11/11 | Student presentation #4                                      |          |
| 11/18 | Student presentation #5                                      |          |
| 11/25 | NO CLASS   |          |
| 12/2  | Student presentation #6                                      |          |
| 12/9  | Wrap up, group discussion/outing                             |          |