

SIO 208A

As a departure from past years, a theme and a Syllabus have been created for the AOS Seminar. The seminar is organized by a student committee of second year students, including Katherine Cameron, Eric Gallimore, Maddie Harvey, and Ned Richards. The theme, “Historical Perspectives”, is designed to give the students an appreciation of how the various fields of geo-science came to be the way that they are. This has proven to be a popular concept across SIO. Roughly half of the speakers are from outside the AOS curricular group. The organizational effort has been instructional for the student committee, giving them added confidence in interacting with the faculty. The student’s description of the seminar series follows:

We would like to announce this quarter's Applied Ocean Science (AOS) seminar series; **"Historical Perspectives on Earth and Ocean Observations"**. The series will be held **Thursday 4 – 5:00 PM** in **Spiess Hall, room 330** starting Thursday, October 9th. The list of speakers and schedule can be found below.

The AOS curricular group is focused on the development of experimental techniques and instruments. The seminar series speakers will present on a range of oceanographic and earth science topics ranging in specialty from remote sensing to ice core sampling. Speakers have been invited to discuss what historical discoveries led them to their current research direction, and how and why those original measurements and theories were taken or developed. We hope that a look into the steps that led to contemporary research will illuminate the creative process of scientific development.

Schedule of Speakers

Oct. 9th: Dr. William Kuperman
"A recent history of ocean acoustics"

Oct. 16th: Dr. Jeff Severinghaus
"What have we learned from ice core records of past climate, about our future?"

Oct. 23rd: Dr. Ralph Keeling

Oct. 30th: Dr. Grant Deane

Nov. 6th: Dr. Dave Checkley
"CalCOFI - Continuity, Constraints and the Role of Technology"

Nov. 13th: Dr. Sarah Gille
"Radar remote sensing of the ocean: altimetry and scatterometry"

Nov. 20th: Dr Jules Jaffee
"A history of underwater imaging"

Nov. 27th: holiday, no seminar

Dec. 4th: TBD

Dec. 11th: TBD