

SIO 239: 2013  
**Geophysics Seminar**  
**Instructors: Dave Stegman and Kevin Brown**

**Times and locations**

Class meetings Thurs. 11:00–11:50 Munk Conference Room

**Instructors**

David Stegman	<a href="mailto:dstegman@ucsd.edu">dstegman@ucsd.edu</a>	858-822-0767	1103
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**Grading**

This course is only offered S/U.

**Attendance**

You are expected to attend all the seminars.

**Participation**

These are several forms of participation. 1) Asking questions – try to ask a question about the science at least once every two weeks. 2) Giving a presentation – you will be assigned to give usually two presentations over the course of the year. 3) Providing constructive feedback to the presenters.

**Format**

Fall quarter: mostly seminars from those not enrolled in the course. These include GP students in their 4<sup>th</sup>, 5<sup>th</sup>, or even 6<sup>th</sup> year, post-doctoral scholars, IGPP research scientists, IGPP faculty, and the occasional visiting researcher. Often times there will be a paper assigned for background reading and you will be required to read at least 50% of the papers assigned. We will also schedule mock poster/oral sessions prior to AGU for students to practice their AGU presentations.

Winter and Spring quarters: In addition to a few more seminars by visitors and new post-docs, these quarters will primarily be a paper discussion with the following format. The class will be divided into 2 groups and decide upon their own team names. We will choose topics of interest to geophysics and read pairs of papers in each topic. One paper will be a classic/landmark paper and the other paper will be more recent follow-up which provides a counterpoint. When possible, papers should be shorter, GRL length.

Each student will be designated to read only one of the papers and have 2 weeks for reading it.

At the end of the first week, one student from each group will present a 15-20 minute synopsis for the paper their group was assigned. There will be a few minutes for questions. Two students will be assigned to critique the presentations and provide evaluations that give constructive comments on the clarity, content, style, etc.

At the end of the second week, two students (one from each team) will each provide a 15-20 min presentation with more in-depth analysis of both papers that incorporates comments/input from other students in their team with the aim of facilitating discussion.

