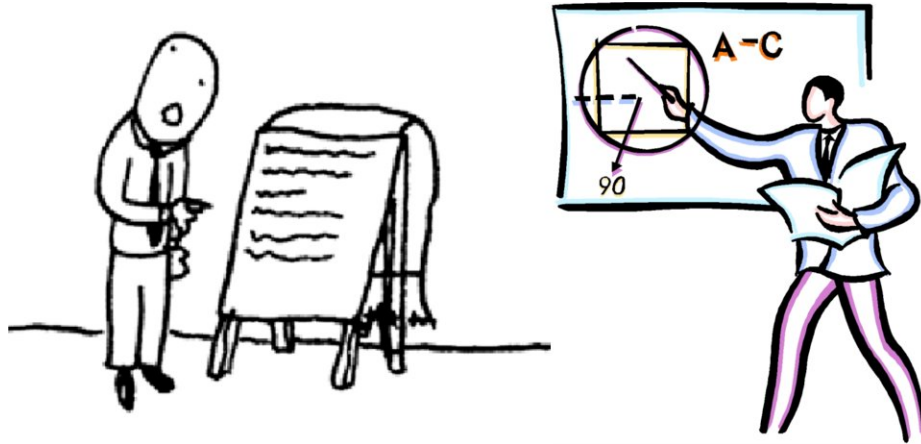


Department of Geology & Geophysics, Spring 2016

GG610: Graduate Seminar



Instructor: Clint Conrad 804 POST clintc@hawaii.edu

Class Time: Fridays, 1:30-2:20 in 723 POST

Web Site:

www.soest.hawaii.edu/GG/FACULTY/conrad/classes/GG610_S16/GG610.html

Office Hours: After class or by appointment

Effective presentation of scientific research is one of the most important tasks of a scientist. In this class, we will prepare, practice, and present short scientific seminars, and receive feedback from each other that will help us give even better presentations in the future. This effort will help us communicate our ideas more clearly, which will increase the impact of our scientific research.

Format

Each student will present a single AGU-style oral presentation (2 presentations per day). During the week of your seminar, you will:

- **Submit an abstract** to your group and the instructor (<250 words) by noon Monday.
- **Receive comments** from your group by Tuesday at noon. Comments should be sent to everyone in your group, and to the instructors.
- **Submit your final abstract** to the instructors by Thursday at noon. It will be used to invite the department to your talk.
- **Give your presentation** on Friday. The presentation should be no more than 12 minutes long. You should field questions from the audience following your seminar.
- Following your seminar, the audience **will fill out a brief evaluation form** and will provide constructive comments and suggestions.

Each speaker will be introduced by a **student moderator**, who will introduce the speakers, make sure the seminar sequence runs smoothly, manage questions, maintain time limits for speakers, and handle room lighting and a/v equipment.

Out-of-class evaluations: Each student should submit three evaluation forms based on seminars they went to outside of class (e.g., at TGIF).

Other assignments: We will have a few additional in-class and out-of-class assignments that will be announced during the semester.

Grading

Grades will be computed based on this relative weighting scheme:

Seminar	40%
Abstracts / Posters	30%
Evaluations	10%
Class Attendance	10%
Class Participation	10%
Total	100%

Preliminary Schedule:

Week	Day	Topic
1	Jan 15	Class Introduction
2	Jan 22	How to Give a Memorable Seminar
3	Jan 29	How to Write an Effective Abstract
4	Feb 5	Writing Abstracts
5	Feb 12	Poster Preparation and Presentation
6	Feb 19	Posters I
7	Feb 26	Posters II
8	Mar 4	Student Seminars
9	Mar 11	Student Seminars
10	Mar 18	Student Seminars
	Mar 25	SPRING BREAK (no class)
11	Apr 1	Student Seminars
12	Apr 8	Student Seminars
13	Apr 15	Student Seminars
14	Apr 22	Student Seminars
15	Apr 29	Student Seminars

Learning Objectives

The **Department of Geology & Geophysics** has established the following undergraduate student learning objectives. All of these objectives are relevant targets for the curriculum of GG610.

1. Students can explain the relevance of geology and geophysics to human needs, including those appropriate to Hawaii, and be able to discuss issues related to geology and its impact on society and planet Earth.
2. Students can apply technical knowledge of relevant computer applications, laboratory methods, and field methods to solve real-world problems in geology and geophysics.
3. Students use the scientific method to define, critically analyze, and solve a problem in earth science.
4. Students can reconstruct, clearly and ethically, geological knowledge in both oral presentations and written reports.
5. Students can evaluate, interpret, and summarize the basic principles of geology and geophysics, including the fundamental tenets of the sub-disciplines, and their context in relationship to other core sciences, to explain complex phenomena in geology and geophysics.

Disability Access

If you have a disability and related access needs the Department will make every effort to assist and support you. For confidential services students are encouraged to contact the Office for Students with Disabilities (known as “Kokua”) located on the ground floor (Room 013) of the Queen Lili'uokalani Center for Student Services:

KOKUA Program; 2600 Campus Road; Honolulu, Hawaii 96822

Voice: 956-7511; Email: kokua@hawaii.edu; URL: www.hawaii.edu/kokua