

Making Mountains

Spring 2016 - G510/610

Description: We will focus on the creation and destruction of high topography including both mountains and plateaux. We will cover methods to constrain timing and magnitude of mountain growth and destruction with a discussion of forcing mechanisms. We will also investigate the relationship between crustal-scale topography and climate. This is a reading course, where we review scientific literature (manuscripts) on the topic and discuss in class. Students will have the opportunity to lead discussions and present in front of the class.



Lecture: Tu/Th 10:00-11:50 AM, Cramer Hall (CH) 69

Instructor: John Bershaw

Office: Cramer Hall 17G (Lab 17D)

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Tel: 503-725-3378

Office Hours: 1 hour following class (Tu/Th 12-1pm) or by appointment

Grading: Participation in class discussions and presentation will make up the bulk of your grade. We will read a lot! There may be assignments and a quiz or two.

Field Trip: There will be a multi-day field trip late in the term.