UCSB Department of Geography 2018 - 2019 Awards Colloquium

Featuring Dr. Noah J. Finnegan, Associate Professor in the Department of Earth and Planetary Sciences at UC Santa Cruz

Sediment Supply and Channel Formation in the Actively Uplifting Coast Ranges of the Western U.S.

Abstract: River channels convey coarse sediment supplied from hill slopes through drainage networks. Due to the geologic and geomorphic diversity of the California and Oregon Coast Ranges, hill slopes supply a huge range of grain sizes, from sand to SUV-scale, to river channels. How does river channel morphology, which governs the ability of rivers to move coarse sediment, reflect this diversity of sediment supply? In this talk I will summarize field observations that illuminate the role of coarse sediment in shaping channel morphology both on land in and in submarine canyon networks.

Thursday, May 30, 2019, 3:30pm - 5:00pm
Buchanan Hall, Room 1930
Cake will be served at 3:30pm
Photos to follow ceremony