



San Joaquin Geological Society

Date: Tuesday, March 12th, 2013

Time: 6:00 PM Social Hour
7:00 PM Dinner
8:00 PM Lecture

Place: American Legion
2020 H St. Bakersfield, CA 93301

PSAAPG Members & Mesozoic's
\$25 w/reservation
\$30 without reservation

Non PSAAPG Members
\$30 w/reservation

Full-time Students with ID:
Free, Courtesy of Chevron & Occidental

SJGS WEBSITE

<http://www.SanJoaquinGeologicalSociety.org/>

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Experimental stratigraphy

Chris Paola¹

¹University of Minnesota, Minneapolis

Physical experiments in laboratory tanks allow observation of basin-scale processes under controlled conditions and greatly accelerated time scales. But to what extent are the observations relevant to the field? Judge for yourself as we review the results of recent experiments on steering of channels by tectonic tilting, interaction of axial and transverse river systems, and wave and tide effects on deltas. We'll also look at natural similarity and its role in explaining the "unreasonable effectiveness" of stratigraphic experiments.

Chris Paola –BIO

Chris Paola is CSE Distinguished Professor of Earth Sciences, University of Minnesota, Minneapolis, and does research at St Anthony Falls Laboratory. His research interests are in physical sedimentary geology and stratigraphy, especially the dynamics of channelized systems such as rivers and deltas. Education: BS Environmental Geology, Lehigh University; MSc Applied Sedimentology, University of Reading; D. Sc Marine Geology., MIT/WHOI Joint Program in Oceanography.

*** RSVP ***

By: Friday March 8th, 2013

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