



San Joaquin Geological Society

BUENA VISTA MUSEUM PASS THE HAT NIGHT

Date: Tuesday, May 14, 2019

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

**Place: American Legion Hall
2020 H Street, Bakersfield, CA 93302**

PSAAPG Members
\$25 with reservation
\$30 without reservation

Non PSAAPG Members
\$30 with reservation

Full-time Students with ID:
\$10 - Courtesy of
California Resources Corporation

*** RSVP ***

**By: noon Monday,
May 13, 2019**

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

Pay online or at the door

SJGS WEBSITE

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

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Ventura Basin Oil Generation, Migration, and Entrapment

Presented by: Stuart Gordon, California Resources Corporation

Abstract: Source quality, generation timing, and migration pathways control oil distribution in the Ventura basin. Maps showing migration within the Monterey-Modelo petroleum system suggest that field sizes are related to fetch areas, and that migration shadowing has resulted in significant parts of the basin being unproductive.

The western and eastern subbasins differ in important ways. In the east, coarse clastics are abundant and source rocks are leaner. Oil fields there formed earlier and oil migrated along mainly unfaulted stratal paths. The western subbasin is less clastic dominated and source rocks are richer there. Western fields are being strongly charged today, mostly along migration paths where oil crosses or moves upward along faults.

Biography: Stuart Gordon is a petroleum geoscientist with 41 years of industry experience. His geological education includes a B.S. from UCLA and an M.A. from UCSB. Stuart's projects have ranged from development drilling to wildcatting in the Texas Gulf Coast, Alaska, onshore and offshore California, the Rocky Mountains, Thailand, Burma, Cambodia, China, Papua New Guinea, Australia, the Black Sea, Africa, and South America. He is currently employed at CRC, the California Resources Corporation.

May is our annual Pass the Hat Night for the Buena Vista Museum of Natural History & Science!

****SJGS will be collecting cash and check for the Museum (also accepting credit card payments)**
Please visit <http://www.sharktoothhill.org/> for more information about BVM.**

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