

Desert Symposium 2014

Information/Call for Papers/Registration

The 28th Annual Desert Symposium
April 18–21, 2014 at the Desert Studies Center, Zzyzx, CA

Environmental Monitoring and Reconstruction: Linking Causes and Biological Consequences

Field Trip: Ice Age Hydrology: Not a Drop Left to Drink.

The 28th annual Desert Symposium will be held at California State University's Desert Studies Center at Zzyzx, on the shores of Soda Lake south of Interstate 15 between Barstow and Baker, California. This historic site includes meeting rooms, overnight dormitories, catered meals, and showers: all these amenities are included with registration. This year's Desert Symposium is presented by the Desert Studies Consortium, California State University.

The 28th Annual Desert Symposium: Environmental Monitoring and Reconstruction.

The symposium organizers request presentations on current research in archaeology, history, paleontology, geology, ecology, biological sciences, and environmental issues. A proceedings volume will be published with the field guide, associated papers, and abstracts.

Information for Authors

Abstracts & Posters

15 minute presentations in geology, paleontology, geomorphology, anthropology, archaeology, botany, ecology, zoology, history and multidisciplinary studies in or related to the California deserts and surrounding provinces. Abstract and paper form information can be found at <http://biology.fullerton.edu/dsc/pdf/papersubmission.pdf>.

Student Awards

The Bob & Bobbe Adams Student Research Paper/Poster award is presented to the outstanding student presentation or poster (undergraduate/graduate students). The presentation must be a student as first author paper or poster. A cash award of \$50 is presented at the banquet.

Field Trip: Theme: "Ice Age Hydrology: Not a Drop Left to Drink"

Day 1, SUNDAY: From Baker, drive dry lake to dry lake: south from Soda Lake on Kelbaker Road toward Amboy and Bristol Lake (saline). On Route 66, head east to Chambliss and jog south to Cadiz. Discuss Proterozoic & Paleozoic & Miocene rocks that have been rearranged by Mesozoic and Miocene tectonics. Standing near the irrigated orchards, discuss the current saline water of Bristol Lake and inferences of Pleistocene and Holocene freshwater flow through Fenner Gap. Drive toward Iron Mountain. Pass Cadiz brine playa, then Danby brine playa and salt extraction facilities. Discuss drill core records of past lakes, perhaps the Bouse lake system. Examine pediments around the margin of the Bristol - Danby Trough. Head southeast to visit paleosols in Chuckwalla Valley that have produced Ice Age fossils then Desert Center. Obtain food from Indio Markets and camp nearby. Driving distance Day 1 = 220 miles.

Day 2, MONDAY: Water in the Salton Trough occurs as springs, many along active faults, ephemeral streams, and the saline Salton Sea. Proceed along the east side of the Salton Trough and follow springs and sediments contorted by the San Andreas Fault (Durmid Hills, Salt Creek and Bertram Siding). Examine outcrops of the late Pleistocene Brawley Formation and its fossils that indicate lacustrine, fluvial and delta sediments associated with the ancient Colorado River deposits that preceded late Pleistocene Lake Cahuilla. Near Niland, discuss the status of Mullet "Island" and visit fumaroles and Red Hill steam vents. End trip in the Brawley Formation of the Superstition Hills. Driving distance Day 2 = 100 miles.

Symposium Schedule

Friday April 18 Desert Studies Center

Registration and Coffee, 8 a.m.

Papers start 9 a.m.

Lunch 12:00

Poster session/Symposium Social 4:30 p.m.

Symposium Banquet 6:00 p.m.

Special Evening Lecture, 7:30 p.m.

Saturday April 19, Desert Studies Center

Breakfast at 7:30 a.m.

Papers start at 9:00 a.m.

Lunch at noon

Dinner at 6:00pm

Sunday April 20, Desert Studies Center

Breakfast at 7:30 a.m.

Field Trip: Leave Desert Studies Center at 8:30 a.m.

Abstracts are due by January 30, 2014

Send your contribution to Bob Reynolds (rreynolds220@verizon.net) as an MS Word attachment to your e-mail. Abstracts will be reviewed. Abstracts for poster presentations will be published after review, but are not required. Include this information in your e-mail:

I plan to give a paper. I need space for a poster presentation.

This is a student as first author paper to be considered for the Bob & Bobbe Adams Award

Title of paper/poster

Name:

Affiliation:

Address:

City/State/Zip:

E-mail:

Cell phone number (For Field Trip):

Desert Symposium 2014 Registration Form

Name

Affiliation

Mailing Address

City, State, Zip

Daytime phone/Cell Phone (necessary for field trip participants)

E-mail

Fees include registration, meals, and overnight accommodation at DSC.

Questions? Please email Norma Charest ncharest@fullerton.edu

- Option I. Entire package –Thursday through Sunday lunch: \$179
Bed only on Thursday—**no food**.
- Option II: Friday breakfast through Sunday lunch: \$161
- Option III: Thursday night through Saturday dinner: \$142
- Option IV: Friday breakfast through Saturday dinner: \$124
- Option V: Friday (day only) -- breakfast through dinner (**no bed**): \$68
- Please reserve a copy of the proceedings volume for my purchase (\$25).

\$_____ Total enclosed (check payable to CSU Desert Studies).

- I request vegetarian meals. Other dietary restrictions:

Bring your own bedding and toiletries. There is no self-contained camping at the Desert Studies Center. Registration is limited. Dress in layers for hot weather, windy weather, and cold and rainy weather. You may wish to bring snacks and beverages for the field trip.

Registration must be received by Friday, April 11, 2014.

**Return this form with fees to:
ATTN: William Presch
CSU Desert Studies Consortium
California State University, Fullerton
Fullerton CA 92834-6850**