

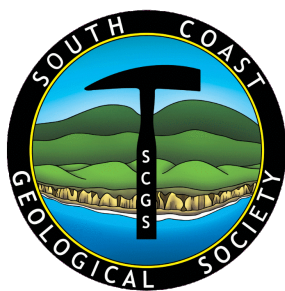
South Coast Geological Society Newsletter

[View this email in your browser](#)

# THE RECORD

OFFICIAL NEWSLETTER OF THE

## South Coast Geological Society



### In this edition:

- [Meeting Information](#)
- [Presidents Corner](#)
- [Membership Drive](#)
- [Corporate Sponsors](#)
- [June Meeting Highlights](#)
- [Resume Blast](#)
- [Upcoming Events](#)
- [Additional Links](#)
- [Geology Fun](#)
- [Ways to Support SCGS](#)

### MEETING

### INFORMATION

#### Time:

**Social Hour: 6:00 PM**

**Dinner: 6:30 PM**

**Talk: 7:30 PM**

#### Location:

**Meeting Date: Monday, July 9, 2018**

**Guest Speaker: Mr. Philip Hughes**

**Topic: Too Hot to Handle, Too Cold to Hold: An Undergraduate Field Research Program by Santa Ana College and the University of Alaska Fairbanks**

#### **Abstract:**

In the Summer of 2016 two faculty members from Santa Ana College, Phil Hughes and Cathy Swan Shaffer, two TA's and 19 students traveled to Alaska to participate in an Undergraduate research program that took place over 11 days. Funding for the trip was obtained through Santa Ana College's Math Engineering and Science Achievement (MESA) program and activities in Alaska and release time for faculty to work with the students was through the GLOBE program for citizen science research and a grant from NASA to Dr. Elena Sparrow of UAF's International Arctic Research Center. The Santa Ana College students were from a variety of science and engineering majors that require calculus. The program included a section of Introduction to Geology and Introduction to Geology Lab that met on and prior to the trip. Basic rock and mineral identification and topographic maps were covered prior to the trip and lab experiences involving glacial processes, fluvial processes, and groundwater were done in the field in Alaska. The students were also taught some basic field methods and statistics and data processing by faculty at UAF. The students were

**Dave & Buster's**  
**20 City Blvd W**  
**Orange, CA 92868**

**Cost:**

**Member \$30**

**Non-Member \$35**

**Student/Prof. \$15**

**Dinner Menu:**  
Chopped Brisket,  
Pulled Chicken,  
Roasted Cotija Corn  
Bake, Baked Macaroni  
and Cheese, Roasted  
Tomato and Cucumber  
Salad, Corn Bread,  
Hawaiian Rolls, Lemon  
& Raspberry Bars,  
Unlimited soda, tea and  
coffee.

responsible for developing their own questions for their projects with guidance from UAF and SAC faculty . The group traveled to the Caribou-Poker Creek Research Watershed to take soil and botanical samples to study in conjunction with a wide variety of remote sensing data available in the International Arctic Research Center. The students processed and analyzed their data and produced posters to present at the end of the program. Additional experiences included a visit to the US Army Corps of Engineers Permafrost Tunnel Research Facility, a tour of the Chena Hot Springs Geothermal Powerplant, a boat tour down the Chena River and the wildlife tour at Denali National Park.

**Click Here to RSVP for the Meeting!**



**Mr. Philip Hughes**  
**Department Co-Chair and Professor**  
**Department of Geology and Earth Science at Santa Ana College**

**Speaker Information:**

---

Phil Hughes earned his B.S. in Geology from USC and his MS from the Ohio State University in 1986. His thesis was on Modern Sedimentation in the Terra Nova Bay Polynya, Ross Sea, Antarctica. After Graduation he was hired for a sabbatical replacement position at Adrian College in Adrian Michigan where he also served as head coach for the college's soccer team. Upon returning to California he was hired at Earth Technology Corporation where he worked on a GIS project for the MX missile program. Realizing his heart was in teaching he went back to school at CSULA to work towards a second master's degree in Education and a secondary teaching credential. During the day he taught at Garfield High School in East LA and was teaching there when the film Stand and Deliver about Garfield teacher, Jaime Escalante was released. After leaving Garfield he worked briefly at JPL where he contributed to the Geologic Remote Sensing Field Experiment (GRSFE). In 1989 he accepted a sabbatical replacement position in Geology at Santa Ana College and has been there ever since with additional experience as a "Freeway Flyer" at CSUF, Cypress College, Fullerton College and Santiago Canyon College. In 1997 he was awarded Santa Ana College's Professional Achievement award and in 2009 he received Santa Ana College's Distinguished Faculty Award. He currently serves as Co-Chair of the Physical Science Department which includes Geology, Astronomy, and Physics.

---

## Presidents Corner

Hello South Coasters,

Our annual joint SCGS/SDAG meeting in June was another success, we always enjoy seeing our compatriots from San Diego. Tom Bourque's talk was fascinating and covered a dream project in the eyes of most of the audience. Based on feedback at the meeting regarding the venue, we plan on having next year's meeting back at El Adobe even if that means five or ten extra bucks.

Monday's meeting will be another great one with a talk from one of our local professors, Phil Hughes, regarding wide-ranging student research in Alaska. This talk will hit two of things I enjoy: Alaskan geology and people trying new things. Hope to see you there.

This past weekend Dr. Brandon Browne, Tom Devine, Tim Lewis, and myself spent 6 days scouting out the Southern Cascades field trip. I've got to tell you, the geology is amazing. Shasta is a beast and learning its history while standing in its shadow is the

---

best way to learn. The Medicine Lake / Lava Beds National Monument area provides beautiful examples of basaltic flows including craters, exquisite caves, and spatter cones in addition to obsidian flows and Basin and Range normal faulting. Mt Lassen has California's youngest rocks (from the 1915 eruption), mud pots, huge landslides, and beautiful scenery.

Final logistics will be worked out shortly. The preliminary camping spot is Harris Spring Campground (41.457, -121.785) on USFS land outside of McCloud . Saturday is planned to be a drive to Lava Beds National Monument and then stops at Medicine Lake volcano on the way back. Sunday would be stops around Mt. Shasta. An optional self-guided tour of Mt. Lassen will be provided for those that can do an extra day. There will be a lot of traveling for this trip but it will be worth it.

With all the field trip work going on I've had to postpone some of the work on the Bylaws but more information will be out on it when I can.

South Coast's next Hike and Brew will be Sunday, August 19th on the Eaton Canyon Falls Trail via Eaton Canyon Nature Center. The Brew location is TBD, let us know if you have a suggestion.

Thomas Davis' Geologic Maps Foundation also hosts hikes and trips which can be found through the link below. Upcoming trips include Santa Cruz Island at the end of July (space is limited) and Santa Rosa Island at the end of August.

<http://geologicmapsfoundation.org/trips.html>

Finally, as announced at the last meeting, UCSB Library's digital Aerial Photography Collections is free and open to the public. The link to the collection is below.

<https://www.library.ucsb.edu/src/airphotos>

Cheers,

Ben Lewis  
2018 President

---

**2018 Draft of Updated SCGS Bylaws**



**UCSB Library's digital Aerial Photography Collections**

**Thomas Davis' Geologic Maps Foundation**



**Ben Lewis, SCGS President**





---

## **MEMBERSHIP**

Your membership in 2017 allowed SCGS to host stellar field trips, provide over \$2,000 in student scholarships, and improve the society in many ways. South Coast Geological Society raises our annual budget through private contributions, so your membership is essential for us to continue the society, make improvements, provide phenomenal meetings, host field trips, and award student scholarships. To support the goals of SCGS we are asking for your membership renewal for 2018.

A membership to South Coast Geological Society has many benefits including discounted meeting and field trip costs, exclusive field trips and events, and more!

We welcome you to join SCGS, one of the largest, most active Geological Societies in Southern California.

### **Membership Costs:**

Professionals: \$35 / year

Students: Free

**[Click Here for the Membership Form!](#)**

---

## **South Coast Geological Society Corporate Sponsorship**

SCGS greatly appreciates our Corporate Sponsors! Corporate sponsorship allows SCGS to host stellar field trips, provide annual scholarships, and publish guidebooks. There are four Corporate Sponsorship Levels: DIAMOND (\$1,000+), GOLD (\$500+), SILVER (\$250+), and BRONZE (\$100+).

# **THANK YOU 2018 SPONSORS!**

**DIAMOND (\$1,000+)**

Your COMPANY LOGO here

**NEW!**

**GOLD (\$500+)**



Mr. William (Bill) Elliott



NMG



**ALBUS-KEEFE  
& ASSOCIATES, INC**  
GEOTECHNICAL CONSULTANTS

**SILVER (\$250+)**



**BRONZE (\$100+)**



GEOCON

Rob Hawk

Jeff Miller

**Click Here to Become a Corporate Sponsor!**

**MEETING HIGHLIGHTS**

We had an excellent showing of SCGS and SDAG members!

Mr. Tom Bourque, P.E., provided us with GREAT presentation titled: And When the Landfill Swims with the Fishes.





---

## RESUME BLAST

**Have a Position to fill?** Review resumes from our members! Professionals, recent graduates, and soon-to-be grads!

**MICHAELA ADLER - GRADUATE STUDENT, CSUF**

**LOUIS OPPENHEIM - GRADUATE STUDENT, CSUF**

Have a resume to share? Please click the link below to send us an email. PLEASE REMOVE PERSONAL ADDRESSES, OTHER SENSITIVE INFORMATION. We recommend a general phone number and email address.

**Send us an email**

---

## UPCOMING EVENTS

---

### SCGS Hike & Brews

Hiking Coordinator - Garrett Mottle

**Sunday, August 19th - Pasadena, CA**

*Hike: Eaton Canyon Falls Trail via Eaton Canyon Nature Center*

( 3.5 miles round-trip, 375 feet elevation gain)

Trailhead: 1750 North Altadena Drive, Pasadena, CA 91107

Trailhead coordinates: 34.17832, -118.09663 (34° 10' 42"N 118° 05' 47.9"W)

*Brew: TBD*

**Click Here to RSVP - August Hike**





South Coast Geological Society Hike+Brew: Whiting Ranch Red Rock Canyon



South Coast Geological Society Hike+Brew: Portuguese Bend Reserve

---

## ADDITIONAL LINKS

**Association of Environmental & Engineering Geologists - So. California**

---

**Association for Women Geoscientists - LA/OC Chapter**

**American Society of Civil Engineers**

**Coast Geological Society**

**Groundwater Resources Association of California - So. California**

**Inland Geological Society**

**Los Angeles Basin Geological Society**

**San Diego Association of Geologists**

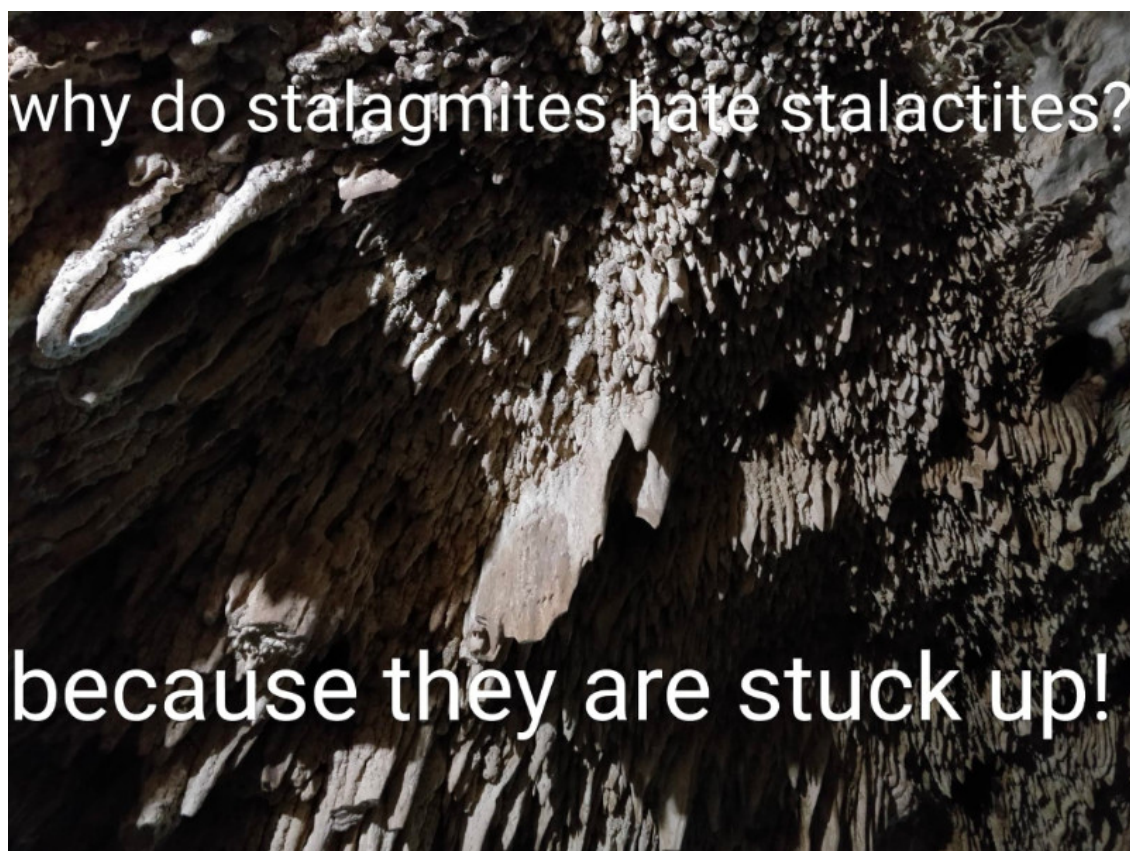
**San Joaquin Geological Society**

**Southern California Paleontological Society**

---

**GEOLOGY FUN**





**According to a geologist, why is the world so diverse?**

Because it's made up of alkynes of people.

**What did the stalagmite tell the stalactite?**

Hang in there!

---

**SUPPORT US**

**amazon**smile

You shop. Amazon gives.

---

Help us every time you shop on Amazon, please select SCGS as your preferred charity:

*South Coast Geological Society, Inc.*

AmazonSmile is a website operated by Amazon with the same products, prices, and

shopping features as Amazon.com. The difference is that when you shop on AmazonSmile, the AmazonSmile Foundation will donate 0.5% of the purchase price of eligible products to the charitable organization of your choice.

### Visit AmazonSmile

---

## Harold's Car Donation

*Helping People Help Charities Since 1997*

When you donate your car, half the proceeds are donated to

### ***South Coast Geological Society***

---



**Call us now to donate**

**(800) 310-5274**

Serving Los Angeles, San Francisco and everywhere between

Harold's Car Donation will handle everything from start to finish, from FREE Towing of your vehicle to ensuring ALL DMV paperwork is properly filed and handled, getting you the most out of your donation.

Your tax deduction is the price at which the car or vehicle sells. You get rid of an unwanted car and the satisfaction of helping others, and you pay less income tax.

We accept all Cars, Trucks, Vans, Boats, Motor-homes, Junk Cars, Disabled cars, and Wrecked cars. No Title? Failed Smog Check? No Problem!

### Visit Harold's Car Donation

---

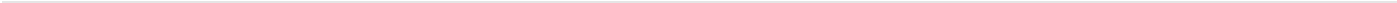
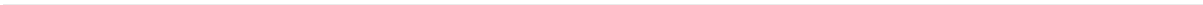
*Copyright © 2018 South Coast Geological Society, All rights reserved.*

**Our mailing address is:**

South Coast Geological Society  
P.O. Box 10244  
Santa Ana, CA, 92711-0244

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe from this list](#)



This email was sent to <<Email Address>>  
[why did I get this?](#) [unsubscribe from this list](#) [update subscription preferences](#)  
South Coast Geological Society · PO Box 10244 · Santa Ana, CA 92711 · USA

