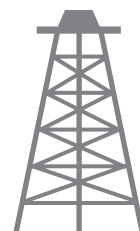




# Pacific Petroleum Geology



NEWSLETTER

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Pacific Section • American Association of Petroleum Geologists

July & August 2019

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**PSAAPG Honors & Awards at the  
2019 San Antonio ACE Meeting, and  
PSAAPG Incoming Officers**

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**COVER PHOTO:** Taken by USGS Photographer Ben Brooks on Monday, July 8, 2019. USGS Earthquake Science Center Mobile Laser Scanning truck operated by Ben Brooks and Todd Ericksen scanning the surface rupture near the zone of maximum surface displacement of the M7.1 Searles Valley earthquake.

<https://www.usgs.gov/media/images/scanning-surface-rupture-searles-valley-earthquake>

### PSAAPG Newsletter has now gone DIGITAL!

In an effort to reduce overhead and provide meaningful programs to our membership and the community, PSAAPG has decided to go DIGITAL! For those members still wanting hard copies of the newsletter, please email **editor@psaapg.org** or write to us at:

Pacific Section AAPG  
P.O. Box 1072  
Bakersfield, CA, 93302

- CONTACT THE EDITOR at editor@PSAAPG.org
- Images (graphics, photos, and scans) must be at least 300 dpi resolution. Text should be at least 600 dpi.
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Advertisements reduced price by 50%  
due to drastic drop in oil prices

### Societies Free Advertising:

*Convention: Unlimited Space in PSAAPG Newsletter*  
*Societies: 1/4 Page in AAPG Explorer*

## Hello Pacific Section AAPG Members,

My name is Becca Schempp. I am incredibly excited for the coming year, as I take my turn as President of Pacific Section AAPG. I have been very fortunate to be a part of PSAAPG over the last 8 years as Secretary (3 terms), Student Chapter Liaison (several years), Convention General Chair, and this past year, as President-Elect. During this time, I have had the opportunity to work alongside some truly great geologists. I'd like to thank the out-going Executive Committee members for a wonderful year- Rick Behl, Mike Nelson, Mike Clark, Jlynn Bowen, Lisa Alpert, Simmie Chehal, Brandi Johnson, Larry Knauer, Cynthia Huggins, Cole Heap, Karla Tucker, Bob Lindblom, Randy Stephenson, Mark Wilson, Anne Draucker, and Tony Reid. As a "Young Professional", I credit PSAAPG with introducing me to amazing mentors and friends. The people are what transform jobs into careers and colleagues into friends. I'm always interested in hearing how others "found" geology. I'd like to share my personal story with you all.

I grew up in Long Beach, California and in high school I gravitated towards the sciences. My school had a Marine Biology program, so when I graduated, I thought that would be my field of study in college. I attended Long Beach City College, where Marine Biology wasn't offered until Spring. My sister encouraged me to take Geology, which was offered in the Fall. To satisfy the lab requirement we could attend two one-day field trips, to Palos Verde and the Palmdale Roadcut, or we could go to Grand Canyon for a week. I chose Grand Canyon. I was barely 18 and captivated by the splendor of the Canyon. My professor and now dear friend, Janice (Tomson) Wellsted encouraged us to keep a naturalist journal on our "get ready hikes" and through the Canyon. I remember lying on a slab at the bottom of the Canyon hearing Janice and her geologist friends debating about what they thought happened millions of years ago. I was surprised to hear them questioning each other. I assumed they had the answers. Over the coming

years, I traversed the canyon with Janice and scores of other aspiring geologists on five additional trips. Each time my decent and ascent took a little longer, as I came to understand the story of the rocks. I was in awe of the grandiosity of the Canyon, but didn't understand the history of the sedimentary structures, or the complexity of the great unconformity. On our last trip together, Janice said me, "I told you, you were going too fast!"



Fall semester ended and I enrolled in Marine Biology. I enjoyed the class, but it didn't leave me with the wonder and yearning that Intro to Geology did. About halfway through the semester, I emailed Janice and said, "Janice, I think I'd like to study geology." She responded, "This is great news!" I feel very fortunate to have found geology so early. However, looking around my parents' house, it's apparent that we all had an affinity for rocks and physical science. There are rocks everywhere! Trophies from walks and family trips. I received a rock tumbler for my 8th or 9th birthday. My Dad told me it takes a really long time, so I'd have to be sure of the rock(s) I'd want to use. Well, that was too much pressure. I spent so much time looking for the perfect rock, I never ended up using it! I think I was made to be a geologist. All these years later I can't think of a better career or pass up an interesting rock.

I transferred to California State University, Long Beach to complete my undergraduate degree in Geology. I loved the details of our Mineralogy class, the hands-on experience and practicality of our Intro to Field class and the stories of

Sedimentary and Stratigraphy classes. My senior year, LA Basin's famous geologist, Don Clarke hired me and several others to help OXY with data collection, organization, and digitization of well files. We worked in Oxy's downtown Long Beach office. It was my first glimpse into the petroleum industry. Our Structure Professor, Dr. Kelty told us, "Outside of Academia, Petroleum Geology is the one career where you'll use most everything you learned in school." Before graduating, I realized I needed my Masters Degree. I knew I wanted to work with Dr. Rick Behl (PSAAPG out-going President and Chair of the 2019 Convention). OXY hired me fulltime in January 2011 as a Geoscience Specialist. One semester into grad school, I quickly learned valuable time management skills. Working full time and carrying a full load in Grad School was challenging, but an experience I wouldn't change. I was fortunate to compete in AAPG's IBA in 2011, as well. It was CSULB's first time competing after a hiatus. In the end, we were runner up to tried and true, San Diego State. But, that experience solidified my passion and desire for petroleum geology. Many of my former team mates and SDSU rivals are now colleagues and friends.

Working full time required a lab-based research project. My project was to study the chemostratigraphy of Monterey-related sediments of the LA Basin. I was fortunate to have the collaboration and support of (then) MARS affiliates OXY, Breitburn, Venoco, and PXP. Using cuttings from four fields in the LA Basin, I studied the hemipelagic sediments (after painstakingly removing coarse grained sediments) identified and compared the mineralogical composition and diagenesis to other classic Monterey locations.

Anyone studying the Monterey has read the pioneer work of Garrison, Isaacs, in addition to others. In a weird coincidence, Carolyn Issacs and Janice Tomson Wellstead worked together at USGS. Carolyn acted as Janice's Mentor, and

Janice was my first Mentor. Be kind and respectful to everyone... you never know who you'll work with in the future!

Upon graduation, I moved to Bakersfield working as a geologist with OXY's Heavy Oil team. My husband, Ryan and I love living in Bakersfield and are so happy to call it home.

Since then, OXY transitioned to California Resources Corporation. We endured a scary downturn and are still feeling the results. One of the largest outcomes has been the loss of a staggering amount of experience. It's becoming difficult to find geologists with more than 20 years' experience in the workplace.

There are huge opportunities offered within PSAAPG, our local societies, and AAPG. Involvement therein grants access to a treasure trove of knowledge and experience, the very expertise and mentorship that can be lacking in the office. It's important and critical that we continue to engage and encourage others to get involved with our local societies, PSAAPG, and AAPG. We need to demonstrate the value of PSAAPG and AAPG, so we can continue to learn benefit from each other.

So, my question to you all is: "What is your story? How did you find your way to geology or the oil patch?" If you'd like, send us your story. We can add it to our newsletters or highlight you at our monthly society meetings, which you are more than welcome to attend. I strongly believe that our members are our greatest resource. So, if you have a story to tell, please share it with us!

Until next time, have a wonderful summer! Thank you for the opportunity to serve as President of our Pacific Section.

Becca Schempp  
PSAAPG President, 2019-2020

## PSAAPG Honors & Awards at the 2019 San Antonio ACE Meeting

The Pacific Section had 5 members honored at the 2019 ACE Meeting in San Antonio Texas on May 19, 2019. Photographs of each awardee are shown below, along with a description of the award and a few words about the awardee.

### PSAAPG Members Honored:

Kathleen Marsaglia, Distinguished Educator Award	Ken Peters, Sidney Powers Award
John Williams, Distinguished Service Award	Tim Elam, Public Service Award
Larry Knauer, Distinguished Member of the House	

### Grover E. Murray Memorial Distinguished Educator Award

*The Grover E. Murray Memorial Distinguished Educator Award is given in recognition of distinguished and outstanding contributions to geological education. Only one award is to be given per year unless funding is approved by the Executive Committee when the award slate is approved. Contributions leading to consideration for this award most often will involve the teaching and counseling of students at the university level, and contributions to the education of the public. Management of educational programs also may be recognized. Funding for the award is provided through the AAPG Foundation Awards Fund, through a generous contribution by Dr. and Mrs. Grover Murray.*

#### KATHLEEN MARIE MARSAGLIA

*Citation - To Professor Kathleen Marsaglia of California State University, Northridge, in recognition of her commitment to students through teaching, collaborative research, and encouragement of student participation in AAPG. Kathleen is a Professor and Department Chair at California State University, Northridge (CSUN), following in the footsteps of another CSUN recipient of the Grover E. Murray Memorial Distinguished Educator Award, Dr. Gene Fritsche.*

For her MS degree Kathie worked with Dr. Albert Carozzi at the University of Illinois on clastic cores from the petroliferous Talara Basin, Peru. After graduating with her MS degree, Kathie worked in Amoco's Houston office as an exploration geologist in the Gulf of Mexico region. She took an educational leave from Amoco to pursue PhD studies of Deep-Sea Drilling Project cores with advisor Dr. Ray Ingersoll at UCLA, where she gained a life-long interest in studying sedimentation at the edges of tectonic plates.



In her first faculty position at the University of Texas, El Paso, Kathie's students conducted field-based sedimentology studies in Mexico and Texas, and core studies in Atlantic, Chilean, and California borderland basins. After a brief return to the petroleum industry at Westport Technology International in 1998-2000, Kathie then headed back to teaching at CSUN where her student's research projects have mainly been source-to-sink studies in New Zealand's petroliferous basins.

From the start, Kathie realized that faculty can provide vital assistance helping student secure employment in the petroleum industry. She wanted to provide the Student Expo experience for students in the California region and modeled her Expo after the University of Oklahoma Expo with guidance from AAPG and SEG



staff. These now annual events have brought together hundreds of students with prospective employers.

Kathie joined AAPG in 1990 and is an active member. She is the faculty advisor for the AAPG Student Chapter at CSUN and two Imperial Barrel teams. She has served on convention committees for the AAPG Pacific and Southwest Sections. In 2003, Kathie was the citationist for Dr. Carozzi's Grover E. Murray Memorial Distinguished Educator Award. She received a Pacific Section AAPG Distinguished Educator Award in 2015 and was an AAPG Distinguished Lecturer in 2012-2013.

Kathie has brought to CSUN a well-rounded and high-quality educational experience that includes courses that stress the fundamentals of sedimentology and their applications in the petroleum industry. She pushes her students to publish their results and make presentations at AAPG conferences. Kathie also facilitates bringing students and employers together at the Student Expos. With this holistic approach toward student education and welfare, Kathie is very deserving of the Grover E. Murray Memorial Distinguished Educator Award.

- Stephen Anthony "Tony" Reid

## Distinguished Service Award

*The Distinguished Service Award is presented to members who have distinguished themselves in singular and beneficial long-term service to AAPG. Funding for the award is provided by AAPG.*

### JOHN T. WILLIAMS

*Citation – To John Williams, for his unending devotion to family and the geoscience community, exemplary leadership, and his humble and tireless work in support of the AAPG, DPA, HoD and the Pacific Section.*

I am honored in writing the citation of merit for my friend and distinguished geologist, John T. Williams. John is a native Californian who has lived most of his life around Ventura, California. He had an early interest in geology. At age 8, he became interested in paleontology identifying fossils from the Plio-Pleistocene formations in Ventura. His interest peaked when in 1961, John's parents Tom and Evelyn Williams founded Petrolog, Inc., a mud logging company in Ventura, California.

John received his BS degree in Geology from Cal Lutheran University and an MS degree in Geology from San Diego State University. His career began helping his father doing mud logging at drill sites in California.

In 1979 John joined Tenneco Oil Company in Bakersfield working on exploration projects in the Sacramento and San Joaquin Basins of California. John later transferred to Lafayette, Louisiana where he defined prospects in offshore shallow and deep waters of LA and TX. Following the Tenneco buyout in 1988, John worked for American Exploration developing prospects within the Texas Permian Basin.

In 1979, John married Cindy Brown Williams. They have been married 39 years and have three adult children and three grandchildren.

In 1991 after the untimely death of his father Tom, John became President of Petrolog, Inc. The company specializes in offshore and onshore well logging, and at the peak employed up to 25 geologist and technical support people.

John has been an active member of AAPG since 1976, Pacific Section (PSAAPG), Coast Geological Society (CGS), San Joaquin Geological Society (SJGS) and the Society of Petroleum Engineers (SPE).



He is a Pacific Section DPA counselor, member of the HOD and on the PSAAPG Honors and Awards committee. He was president of the AAPG Pacific Section in 2015 and CGS president in 1994. John has received the PSAAPG Distinguished Service Award (2013), the DPA Service Merit Award (2014), and the PSAAPG Honorary Life Member Award (2018). John is proud of helping to found the first sectional "Young Professional Distinguished Service Award" in 2015. Professionally he is a California licensed Geologist (PG) and is an AAPG DPA Certified Petroleum Geologist.

John is a volunteer lecturing on applied applications of geological well logging at Santa Barbara City College, USC and Stanford University. He has been an active leader with Ventura Rotary Club and Trinity Lutheran Church in Ventura.

As a rancher he raises cattle and grows lemons and avocados on the Williams Ranch in Piru, California. John is famous for being the owner, keeper and protector of the type section of the Monterey Modelo Formation – a craggy section of rock that only a geologist could love.

It is a great honor to document John's achievements.

- James M. Hill Sr

## Distinguished Member of the House

### LARRY C. KNAUER

*Citation – In recognition of Larry's contributions to AAPG at the local, section and national levels, and to his advocacy of involvement, mentoring and networking.*

Larry Knauer is committed to AAPG at the local, section and national levels. He served as officer for all elected offices of the San Joaquin Geological Society (SJGS) and has held most of the Pacific Section AAPG offices including President. He is an Honorary Life Member of the Section and has received the Distinguished Service Award from AAPG. Larry is a strong force in the Section's convention organization, acting as an advisor for all meetings held from 1991 to present. As the convention Sponsorship Chair, he has repeatedly raised \$40,000 to \$80,000 annually. For two AAPG ICE meetings held in Long Beach, Larry helped raise a total of \$1.7 million. These funds contribute toward a successful convention and are critical in providing working capital for the Section's scholarship programs. Larry has been a member of the House of Delegates since 2001, representing the SJGS.



Larry is a native Californian and grew up in the Los Angeles area. He obtained his BS degree at Whittier College in Southern California and attended UCLA for his MS. Larry worked under Dr. Don Carlisle for his thesis research, mapping the Emerson Lake Quadrangle in the Mojave Desert. Upon graduation, Bob Countryman encouraged Larry to apply at Gulf Oil (later Chevron), where he was hired and worked as a petroleum geologist in Bakersfield and Ventura on oil and gas fields across California. During the 'crash' years of the late 1980, Larry worked as a consultant for San Joaquin Energy Consultants, as a lecturer at California State University, Bakersfield, and as the curator of the California Well Sample Repository. In 1989, Mark Wilson recommended to Larry that he should apply to Bechtel Petroleum in Tupper, California, and he was hired as a petroleum geologist on the Eastern Shallow Oil Zone in the Elk Hills Field. At the end of the Bechtel contract, at Cynthia Huggins' suggestion, Larry moved to Texaco (later Chevron for his second tour) and worked the Kern River Field. Larry is now retired but remains active



as a board member for the California Well Sample Repository and continues as an active participant in the Section's convention planning. When not laying plans for the next Section meeting, Larry enjoys attending field trips and drinking single malt scotch with friends. Larry and his beautiful wife Nancy are parents to two wonderful adult daughters, Ashley and Nicole.

- Stephen Anthony (Tony) Reid

## Sidney Powers Memorial Award

*The Sidney Powers Memorial Award is given in recognition of distinguished and outstanding contributions to, or achievements in, petroleum geology. It is AAPG's most distinguished award and is made at such times as the Executive Committee may designate, but not more than once in any calendar year. Funding for this award is provided by AAPG.*

### KENNETH E. PETERS

*Citation – To Kenneth E. Peters, for his outstanding scientific career in industry, government, academia, the service sector, and AAPG and whose keen interest in educating and mentoring students contributed to the success of many petroleum geoscientists. His cutting-edge research and many publications in geochemistry significantly advanced the understanding of petroleum systems.*

Ken Peters has had a remarkable, high impact career in petroleum geochemistry that started while he was a graduate student at UCLA. His contributions include basic, applied, and popularized research, a breadth of influence that few can match. From the late '70s, Ken authored or co-authored ~170 papers and books, some of which have been cited hundreds of times.



What is spectacular about Ken's publication record is that for most of his 44 years in the profession he was employed by the oil industry (Chevron, Mobil, ExxonMobil, Schlumberger) where outside publications are comparatively rare. Nevertheless, Ken authored or coauthored 30 papers while at Chevron, 24 while at Mobil, and 11 in just three years at ExxonMobil. While at the U.S. Geological Survey he co-authored 23 publications. Most of his remaining publications were completed with his present employer, Schlumberger, where he is Geochemistry Advisor.

Ken made numerous contributions to basic research. For example, he proved the origin of 25-norhopanes in petroleum that solved a longstanding geochemical controversy. In applied research, he combined geochemistry and sequence stratigraphy to create a new exploration model that challenged existing deepwater deltaic models and correctly predicted black oil in some deep-water settings. Ken is most recognized for popularizing research in his publications on chemometrics, Rock-Eval pyrolysis, hydrous pyrolysis, biomarkers, basin modeling, molecular modeling, chemical reaction kinetics and the petroleum system. Because of Ken's diverse contributions, he is widely referenced in the literature.

In addition to many awards and achievements outside of AAPG, Ken was a Co-Convener for two AAPG Hedberg Research Conferences on Basin and Petroleum System Modeling (2009 and 2016), Chair of the AAPG Research Committee (2007-10), and AAPG Distinguished Lecturer (2009 and 2010). He was editor for the 2009 AAPG compact disk Getting Started in Basin and Petroleum System Modeling and principal editor of the 2012 AAPG Hedberg Series 4 volume on Basin Modeling: New Horizons in Research and Applications. He was Associate Editor for several terms from 1989 to 2012. In 2013, he received the AAPG Honorary Member Award for service and devotion to the science and profession of

petroleum geology. In 2017, he was one of 100 'Heritage of the Petroleum Geologist' honorees selected by the Division of Professional Affairs of AAPG to celebrate the 100-year anniversary of AAPG. For these contributions Ken has earned and deserves to be this year's recipient for the Sidney Powers Award.

- Leslie B. Magoon

## Public Service Award

*The Public Service Award is given to recognize contributions by members of the Association to public affairs and to encourage geologists to take a more active part in such affairs. Granting of this award in any year is discretionary. Funding for the award is provided by AAPG.*

### TIMOTHY D. ELAM

*Citation – To Timothy D. Elam, in recognition of an AAPG member who had a successful career in petroleum geology and who gave generous amounts of his time educating the general public about geology.*

Tim and I crossed paths over the last three decades primarily through our involvement in the AAPG, PSAAPG and the San Joaquin Geological Society.

He served SJGS as President and PSAAPG as Editor. Tim was a career Chevron geologist and while we never worked together on oil patch projects, we got better acquainted when we were both working for Chevron in Bakersfield following the Chevron/Texaco merger. The wide range of public service activities in which Tim is involved disseminating geologic knowledge beyond the work place is impressive. He is an enthusiastic teacher, mentor, lecturer, and geologic field trip leader for universities (near and far), local public schools, scouting groups and many others making him a much-needed voice in our society and a worthy recipient of the 2019 AAPG Public Service Award.



Tim's education included a B.S in Environmental Science from Georgetown (KY) College in 1978. He received a M.S. in Geology from the University of Kentucky in 1981. As a child, Tim exhibited an interest in geology by collecting rocks, minerals and fossils. He continues to make obvious his interests in his home state, rocks and society by using kyrocks@peoplepc.com as his address.

Tim's path through the oil patch started with Chevron in New Orleans in 1981 fresh out of school. He transferred to San Ramon, California in 1985 and worked there until a 1990 reorganization transferred him to Bakersfield. He retired in 2009 as a Senior Staff Geologist.

When Tim was not busy finding oil and drilling wells he filled his time with a multitude of volunteer activities. One that has been particularly dear to him and multifaceted in its execution has been helping Buena Vista Museum of Natural History and Science expose scientific wonders to thousands of school kids each year.

In retirement, he has expanded his geologic outreach by filling his summers as a Volunteer and seasonal paid Park Ranger at several National Parks. He is a natural for these positions and the interaction with the public that is required. Tim's efforts to publicize geology and its meaning and impact to the public are formidable and deserving of this recognition by AAPG.

- Larry Knauer

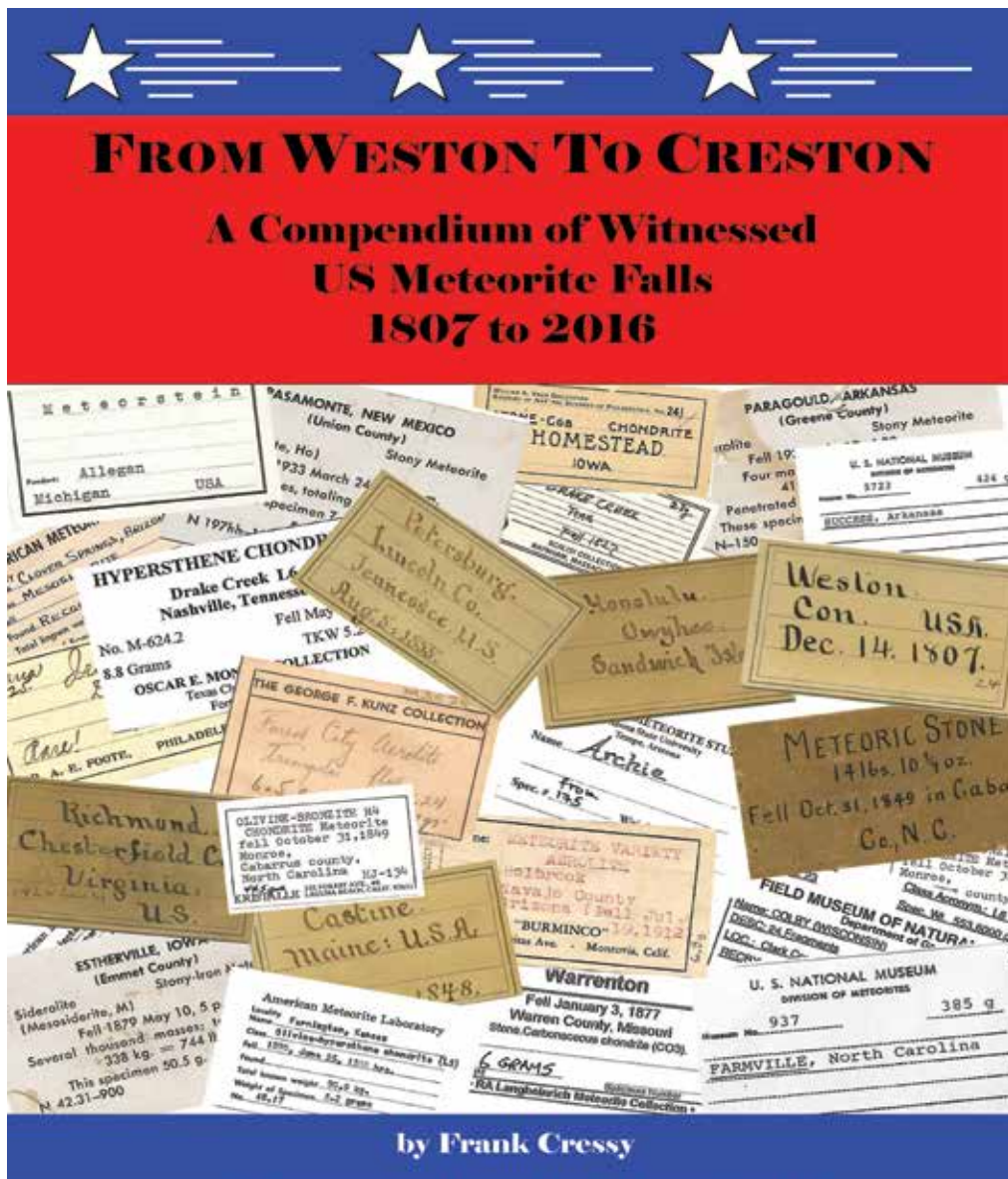
## New Publication

# **“FROM WESTON TO CRESTON – A Compendium of Witnessed US Meteorite Falls – 1807 to 2016”**

by Frank Cressy

The violent display of blazing light and explosive sounds ending with meteorites crashing to the ground is an unforgettable event to those who witness it firsthand. This book summarizes the fall histories of nearly 170 witnessed meteorite falls that have occurred in the United States since the first documented fall at Weston, Connecticut in 1807. It is written not only for the collector of these rare objects, but also for those interested in the history and the growth of the branch of science known as Meteoritics. The accounts of the fall phenomena and recoveries associated with these extraordinary events are the focus of the book. However, the book is more. The reader will learn about those individuals responsible for the growth of the science and their contributions, together with interesting facts and coincidences about these visitors from space; 257 pages with over 300 color photos plus maps, figures and illustrations.

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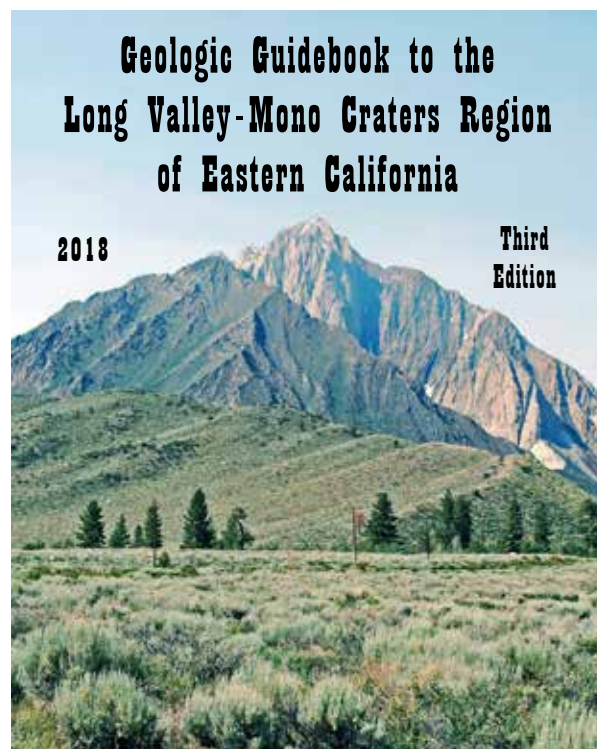
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**Geological Society of Nevada**

**PSAAPG Membership Directory**

The PSAAPG website will have a members-only password-protected membership directory available as of March 1, 2018

Please email [SKChehal2@aeraenergy.com](mailto:SKChehal2@aeraenergy.com) if you do not want your name listed. There will also be a checkbox for this on the PSAAPG membership renewal form that goes out before the end of this year.

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## PSAAPG Incoming 2019-2020 Executive Committee

### **President**

Becca Schempp



### **Treasurer**

Simmie Chehal



### **President-Elect**

Vaughn Thompson



### **Treasurer-Elect**

Lisa Alpert



### **Vice President**

Plamen Ganev



### **Secretary**

Wanjiru Njuguna



## PSAAPG Executive Committee Hand-over Party

The Executive Committee Hand-over Party at the Hopp's residence was quite successful and tons of fun! Here are just a few of the photographs taken on June 28, 2019.



PSAAPG Treasurer, Simmie Chehal, Secretary, Wanjiru Njuguna and fiancé Sean Wilder enjoy a harbor cruise courtesy of Jon Schwallbach



PSAAPG Treasurer Simmie Chehal enjoying the Hand-over party.



2020 Convention Technical Chair, "Captain" Jon Schwallbach gave party-goers a harbor cruise.

### Be a part of the PSAAPG Newsletter!!

The PSAAPG Newsletter is always looking to highlight its members' insights and expertise. Be a part of the bi-monthly newsletter by sending in your technical articles to:  
[editor@psaapg.org](mailto:editor@psaapg.org)

Articles for the newsletter should be no more than 7 pages in total. Any figures or images (graphics, photos, and scans) must be at least 300 dpi resolution. Scanned photos, illustrations (line art) should preferably be submitted as a .tif, .gif, or .bmp; .jpeg format and should include titles and captions.



## PSAAPG Publications on GeoScienceWorld.com

The first Pacific Section AAPG publication is now published on the Geoscience World website! It is **GB 73, Field Conference Guide, AAPG National Convention, San Diego, California**. This can viewed by typing in the direct link shown below into your internet browser. To gain access to the full content of the book a GeoScienceWorld.com website a login will be required. Nine additional publications are scheduled to go online in the upcoming weeks.

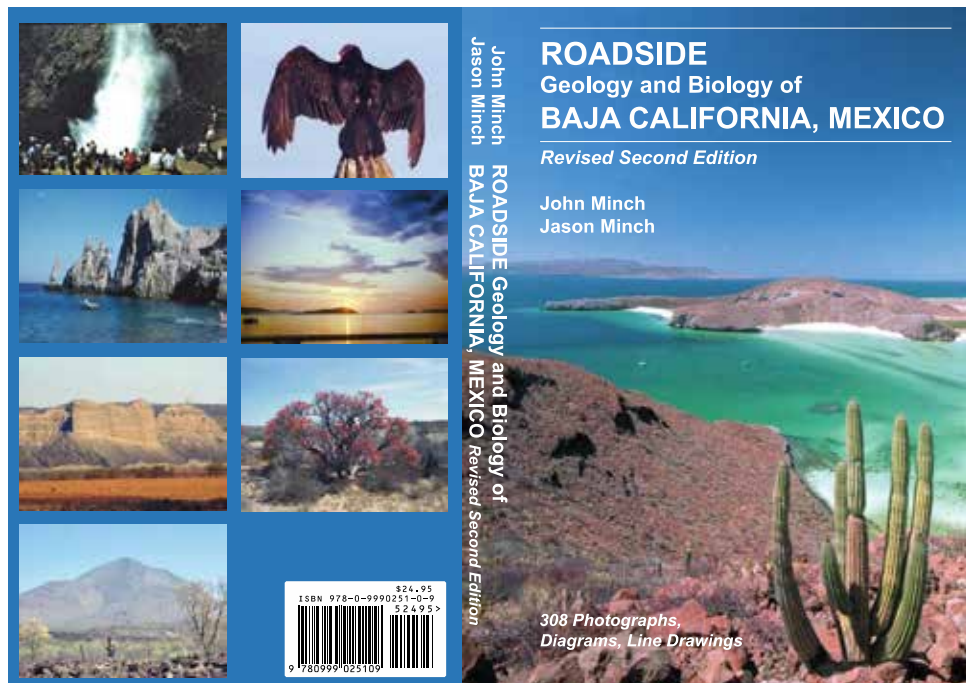


To explore all journals, books, and other references visit: <https://pubs.geoscienceworld.org/>

The direct link to the Pacific Section publication on the GeoScienceWorld website:

<https://pubs.geoscienceworld.org/books/book/2169/Field-Conference-Guide-AAPG-National-Convention>

An advertisement for Jeff Sande Oil Field Geology. The background is a photograph of an oil pumpjack in a desert landscape. Overlaid text includes: "JeffSande@bak.rr.com" at the top right; "SANDE OIL FIELD GEOLOGY" in large, bold, italicized letters; "Get things done. Make more oil." below it; "JEFF SANDE" in large, bold, italicized letters; "Oil Field Geology Consultant" below that; "California Professional Geologist #9689" below that; "Bakersfield, CA" at the bottom left; and "661-209-7859" at the bottom right.	<p>Let my 33+ yrs of California oil field experience help you with:</p> <ul style="list-style-type: none"> <li>• Reservoir Description</li> <li>• Oil/Gas In Place Determination</li> <li>• Development Plans; Drilling Programs; Secondary and Enhanced Recovery Programs</li> <li>• Reservoir Surveillance and Project Optimization</li> <li>• Permitting Support</li> <li>• Acquisitions and Divestiture Support</li> </ul> <p>California Professional Geologist #9689</p> <p><b>SANDE OIL FIELD GEOLOGY</b></p>
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**Alaska Geological Society**

Summer break. Talks to resume in September, 2019

**Coast Geological Society**

Summer break. Talks to resume in September, 2019

**L.A. Basin Geological Society**

Summer break. Talks to resume in September, 2019

**Northern California Geological Society**

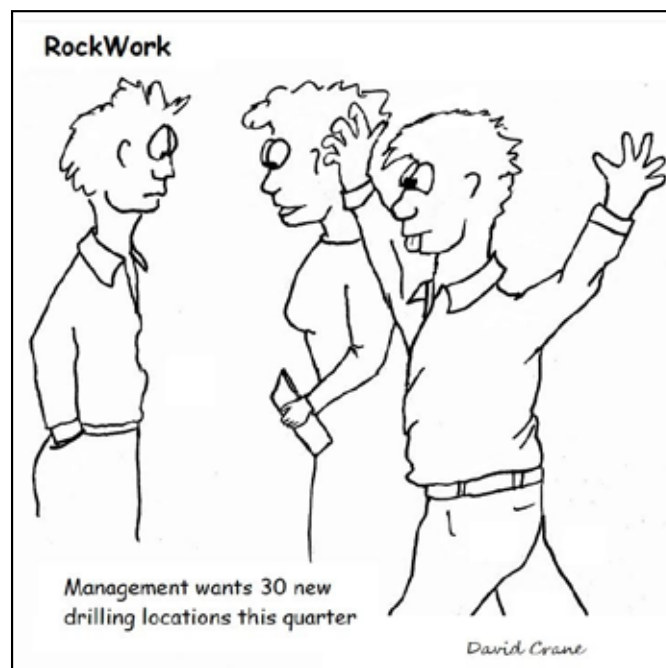
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**San Joaquin Geological Society**

Summer break. Talks to resume in October, 2019

**AAPG Needs Visiting Geoscientists**

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<https://www.aapg.org/career/training/in-person/visiting-geoscientists>

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### **Alaska Geological Society**

[www.alaskageology.org](http://www.alaskageology.org)

P. O. Box 101288  
Anchorage, AK 99510

Contact: Keith Torrance  
[ktorrance@gci.net](mailto:ktorrance@gci.net)



Geology meetings/talks are held monthly September through May, usually on the third Thursday of the month, at the BP Energy Center (1014 Energy Court ) from 11:30 am to 1:00 pm. Open To The Public. No Charge to Attend.

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### **Coast Geological Society**

[www.coastgeologicalsociety.org](http://www.coastgeologicalsociety.org)

P. O. Box 3055  
Ventura, CA 93006

Contact: Eric White  
805-628-2312



Dinner meetings are held monthly September through May, on the third Tuesday of the month, at Poinsettia Pavilion, 3451 Foothill Road in Ventura. Social hour starts at 6:00 p.m., dinner is served at 7:00 p.m., and the talk starts at 8:00 p.m. The cost of dinner with reservations is \$20 (members), \$25 (non-members), or \$10 (students and K-12 teachers). For reservations, please email Shelby Fredrickson ([secretary@coastgeologicalsociety.org](mailto:secretary@coastgeologicalsociety.org)), and should be made by 4:00 p.m. on the Friday before the meeting.

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### **Los Angeles Basin Geological Society**

[www.labgs.org](http://www.labgs.org)

Contact: Bert Vogler  
949-585-3103



Luncheon meetings are held monthly September and October; and January through June, usually on the fourth Thursday of the month, at The Grand at Willow Street Conference Centre (4101 E. Willow Street) in Long Beach. Lunch is served at 11:30 a.m., and the talk starts at 12:15 p.m. The cost is \$25 (with reservations), \$30 (without reservations), \$20 for retired members, and \$5 for students. "Reservations can be made online at [www.labgs.org](http://www.labgs.org) or by contacting Maia Davis at 530-559-1404 or [maiac.davis@gmail.com](mailto:maiac.davis@gmail.com). Reservations are best made prior to Tuesday before the meeting.

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### **Northern California Geological Society**

[www.ncgeolsoc.org](http://www.ncgeolsoc.org)

803 Orion #2  
Hercules, CA 94547-1938

Contact: Barbara Matz  
[barbara.matz@aptim.com](mailto:barbara.matz@aptim.com)



Evening meetings are held monthly September through May, usually on the last Wednesday of the month, at the Masonic Center (9 Altarinda Road) in Orinda. Social hour starts at 6:30 p.m., and the talk starts at 7:00 p.m. (no dinner). For reservations, contact Dan Day at [danday94@pacbell.net](mailto:danday94@pacbell.net) before the meeting. Cost is \$5 per regular member; \$1 per student member; and \$1 per K-12 teachers.

(Continued on next page)

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Website Editor:	Jonathan Partsch	jon.partsch@gmail.com

**Northwest Energy Association**  
www.nwenergy.us

P. O. Box 6679  
Portland, OR 97228 *Contact: Jim Jackson or John Armentrout*



Luncheon meetings are held monthly September through May, on the third Thursday of the month, at the Multnomah Athletic Club (1849 SW. Salmon Street) in Portland, Oregon. Meeting time is at 11:45 AM to 1:00 PM (speaker about 12:15 PM). The cost is \$25 for members and \$30 for non-members. For information or reservations email NWEnergyAssociation@gmail.com, or our Postal Box: Northwest Energy Association, P.O. Box 6679, Portland, Oregon 97228-6679.

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**Sacramento Petroleum Association**

P. O. Box 1844  
Folsom, CA 95630 *Contact: Pam Ceccarelli  
916-439-0400*



Luncheon meetings held monthly January through November, on the third Wednesday of the month. Location: Club Pheasant Restaurant in West Sacramento. The meetings start at noon. The cost is \$16 - \$20. For information or reservations, contact Pam Ceccarelli.

President:	Jerry Reedy	JWR5532@aol.com
Vice-President:	Scott Hector	Scott.Hector@gmail.com
Secretary	Derek Jones	djones@gasbiz.com
Editor/Treasurer	Pam Ceccarelli	pc626@comcast.net

**San Joaquin Geological Society**  
www.sanjoaquingeologicalsociety.org

P. O. Box 1056  
Bakersfield, CA 93302 *Contact: Lindsey Thompson  
lthompson@envirotechteam.com*



We have dinner meetings on the second Tuesday of the month, October through June, at the American Legion Hall (Post 26) at 2020 H Street, Bakersfield, CA 93301. There is an icebreaker at 6:00 p.m., dinner at 7:00 p.m., and a talk at 8:00 p.m. Dinner is \$25 for members with reservations and \$30.00 for nonmembers and members without reservations. Students may attend for free.

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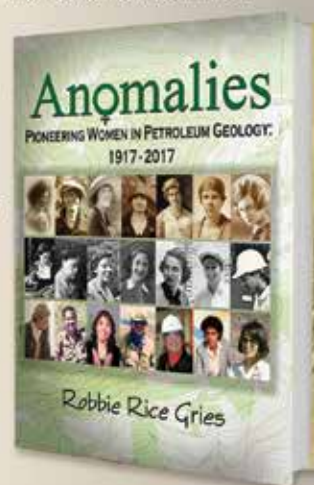
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Executive Director - American Geosciences  
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Once released, the book can be ordered from the AAPG Store for \$50 plus shipping and handling. Please e-mail [publications@AAPG.org](mailto:publications@AAPG.org) expressing your interest and we will contact you as soon as the book is available. Don't want to wait? Visit the AAPG Center at the 2017 ACE meeting to purchase your copy.





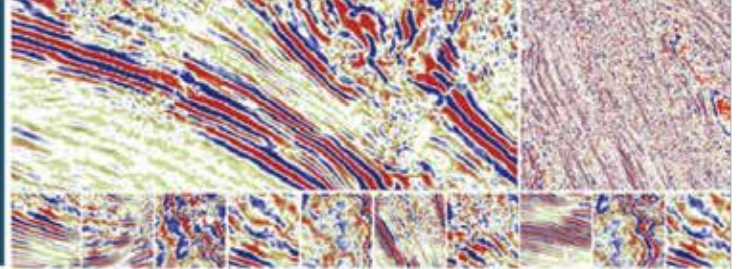


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