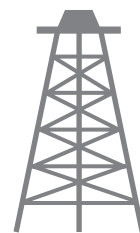




Pacific Petroleum Geology



NEWSLETTER

Pacific Section • American Association of Petroleum Geologists

July & August 2017



**2017 PSAAPG , PS-SEPM, & PCS-SEG
Post-Convention Issue**

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COVER PHOTO: Calved Ice while approaching the Columbia Glacier. Photo credit Emily A. Fisher

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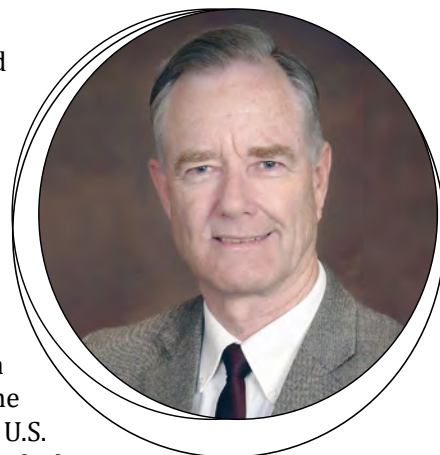


Dear Pacific Section AAPG Members,

I extend sincere appreciation to all who contributed to making the PSAAPG-PSSEPM-PCSSEG Convention in Anchorage a success this year. There were many who presented, planned, supported, sponsored, volunteered, and participated in the convention in May. The Convention is the most important annual event on the calendar for professional petroleum geoscientists on the West Coast and in Alaska. It is the best way for most of us to quickly update our knowledge of technical advances in our field. The presenters in oral and poster sessions enable us to stay current on recent work in petroleum development and exploration, regional and local geology, geophysics, petrophysics, stratigraphy, sedimentology, geothermal, and environmental technologies, just to name a few. It shows that our industry remains dynamic even in a downturn. The Pacific Section appreciates all of the hard work that presenters do to make a full convention program possible.

I welcome the newly elected officers to the PSAAPG Executive Committee. Every year the nominating committee finds two candidates for each office so that you have an elective choice. That is not so easy these days with the contraction in staffing across the industry among the majors, independents, and service companies. Fortunately there is a core of Pac Section long-time supporters who have maintained the stability of PSAAPG through the industry boom and bust cycles. We appreciate their tireless efforts. The Executive Committee meets every other month during the year to set and implement policy that will support the mission of PSAAPG. That mission is to "advance the science of geology and the professional well-being of our members." This was approved by the founders of PSAAPG in 1924! That mission continues today as PSAAPG works to organize and fund the annual convention as the premier educational and professional event for geoscientists associated with the oil industry on the West Coast and in Alaska. The mission of PSAAPG is supported by the PSAAPG library of publications which serves as a great resource for all of us working in California, Alaska, Nevada, and the Northwest. Recently, one hundred PDFs of PSAAPG field trip guidebooks, geologic studies, compendiums, and cross sections have been placed on a DVD with a handy index. It costs \$145 which is a very low price considering that a single paper often costs \$35 to download today! Check the publications page of the PSAAPG website.

The U.S. is projected to reach 10 million barrels per day of oil production sometime next year. The prior peak in U.S. oil production was 9.6 MMBOPD in 1970, which is 47 years ago! The accepted wisdom for many years after the 1970 peak was that U.S. oil production would decline in accordance with Hubbert's curve.



Production did decline after 1970 except for an upturn from 1976 to 1984 when Prudhoe Bay production came online. The decline continued until 2009 when production began to increase because of the horizontal-fracking-shale revolution and \$100 per barrel oil prices. It was one of those white or black swan events depending on your point of view. Certainly for OPEC producers it was bad news but for the U.S. it rejuvenated the oil industry and created many new jobs. It was a remarkable turnaround for American onshore oil producers. The U.S. is the only country in the world where this could have happened because of the combination of private ownership of mineral rights, ready availability of capital, a long-term American ethos of entrepreneurship, and highly innovative oil and gas professionals in the industry. The problem now is that the shale producers have been too successful. The market has too much supply for the current level of demand. I see the seeds of recovery in the painful oil industry downturn that we are in now. The level of investment in conventional non-shale production has dropped to very low levels. That means that there will eventually be substantial shortfalls in conventional oil production that probably cannot be sufficiently offset by shale production. If the market re-balances by 2019 or 2020, oil prices will rise and our industry will see a recovery. We all would like to see the oil and gas industry return to healthy levels of activity, investment, and employment in the near future!

Mike Nelson
PSAAPG President, 2017-2018

Don Collins

Don was Secretary of the SJGS in 1977-1978.

Don Collins was born in Long Beach, California. He passed away comfortably in his home in Bakersfield at the age of 91.

After graduating high school in Houston TX, he attended New Mexico Military Institute, followed by the University of Texas. His education was interrupted when he joined the Army during WWII.

During his time in the service, he was offered the opportunity to study electrical engineering at New York University, which continued until the end of the war. Upon his release from the Army, he resumed his education at the University of California, Berkley, to complete his degree in Geology.



He began his career as a geologist for Shell Oil Company in Bakersfield in 1950. It was in Bakersfield where he met his future wife, Blanche Collins, who was a teacher at Arvin High School, and they were married in 1954. During his time with Shell Oil, they moved frequently, but eventually returned to Bakersfield in 1963. He retired from Shell Oil in 1972 and started working for Occidental Petroleum, until he retired in 1992. With Occidental, he had the opportunity to travel extensively throughout the world. After Blanche retired, she was able to travel with him on many of his business trips. After his retirement, they continued to travel frequently for pleasure, when not spending time with family and grandchildren, or working on his oil painting.

He was preceded in death by his wife, Blanche Collins in 2004, after 50 years of marriage. He is survived by his son and daughter-in-law, Craig and Rebecca Collins of Bakersfield, his daughter and son-in-law Cathy and Mike Seguire, of Bakersfield and three granddaughters, Jessica Piffero (Ben Piffero) of Fresno and Katie and Emily Seguire of Santa Rosa.

The family would like to thank his private home care providers, Jackie, Reggie and Carolyn for their excellent and loving care of our father. It is with their help that Dad was able to realize his desire to spend his final days at home. We would also like to thank Dr. Robert Laughlin and his staff for their wonderful care of dad over the last several years.



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Merrill (Mel) Wright

Mel Wright passed away unexpectedly from complications of an ear infection at the age of 83 on April 24, 2017 in Long Beach. Mel was the geological advisor to petroleum engineers and oil operators in the Long Beach/Los Angeles area. After graduating from the University of Redlands in 1958 with a B.S. in Geology and serving as an Operations Specialist for the US Army in Korea Mel joined the Long Beach Harbor Department in 1959. He worked his way up to Senior Geologist. In 1972 he was promoted to Chief-Principal Geologist for the City of Long Beach. In 1980 he became Division Engineer for the City of Long Beach. Mel left the City in 1981 to become one of the area's leading petroleum consultants.

I first met Mel in 1975 when Jack Treadway brought me over to meet Mel and John Truex. John and Mel were sitting in Mel's office having a rather heated discussion. Arms were flailing and fists were pounding. I was taken back and a little hesitant to interrupt. Both Mel and John immediately stopped their discussion and broke into big smiles and welcomed me. I had observed the passion they both felt about the geology under Long Beach. What were they discussing so vigorously? It was whether the M marker in Ranger West is the exact equivalent to the M1 marker in Ranger East of the Long Beach Unit. Many years later I was able to resolve this, and Mel was correct, the two markers are not the same. A discussion with Mel was always going to be interesting and you always had to wear your thinking cap. I decided immediately that I was going to make Mel my mentor. It was decades later that Mel found out what I was doing. He approved. Quite frankly I needed his knowledge to do my job right.

Mel was a champion for what was right. He threw himself into what he did. Always had an opinion and always knew his subject. His favorite was Long Beach Unit Equity. He was always standing up for the rights of the Wilmington oil field Townlot owners and the City of Long Beach. I had the opportunity to work with, and learn from Mel when we worked together to computerize the Long Beach Unit maps. He saw the transition from hand work to computers, and was instrumental in a \$4 billion Equity determination.

Mel was able to create a highly successful consulting career. Small operators such as Sampson Oil, Hellman Estate, Cooper and Brian, Extra Energy, Del Amo Energy, Pan Western Oil Company, Angus Petroleum, and bigger companies like Chevron, ARCO, and Phillips as well as Hoag Hospital and the cities of Newport Beach and Huntington Beach have all been Mel's clients. He still found time to be a contract geologist to LBOD and THUMS working on the Wilmington field. Mel was known to be the center of a group of oil men who discussed the petroleum situation every Friday at Polly's Pies in Long Beach.

Over a decade ago Mel's doctor told him to say his good byes because he only had a year or so to live. Mel's typical response was "Bull". Mel hit the books (actually audio tapes) and learned everything about his condition. He changed his life style and moved forward. He survived his condition and prospered.

I have only just touched on the many things that made Mel Wright special. Mel was a private pilot, he owned an MG sports car, at least two boats, (including the Adelac), loved fishing, played golf and racquetball and enjoyed astronomy. He loved the outdoors. Those who knew him always had nice things to say. Xen Colazas once said that he was jealous of Mel because he had it all. Mary Brannigan said that Mel was perfect; he was handsome, intelligent, hard-working, knew how to play golf and was devoted to his wife and family. His waitress at Polly's Pies said Mel was "the smartest man she ever met".

Despite Mel's passion for his work, his wife Jonine had always been the center of his life. Everything else he did was always secondary to her wants and needs. He has three daughters who love him dearly and several grandchildren, two of which are movie stars. He always kept his family separate from work. He loved his family and loved his work but they were separate parts of him.

Over twenty years ago Mel and I put together a field trip from San Clemente to Long Beach for an AAPG meeting. It turned out to be very popular. We have been asked to run the trip at least once a year every year since. The groups range from universities, to oil executives, to engineers and geologists. It will not be the same this year without him. Mel's tales of Stinky Corners, exploding garages and Tiki torches that run on gas seeps will be lost memories. What made the field trip special was the unique background that Mel brought forth.

I will miss Mel as will the scores of people who have benefited from his friendship and knowledge. Mel provided the connection between generations of oil people. He brought the old property owners together with the new age petroleum people. He brought hand drawn geology to the digital Millennials. Mel has been the glue to keep the oil industry together in the Los Angeles Basin.

Don Clarke

Post Convention Summary

PSAAPG (Pacific Section-American Association of Petroleum Geologists), for the first time ever in Alaska, was held without partnering with the SPE (Society of Petroleum Engineers) Western Region. This resulted in a smaller conference that was focused specifically on geology and geophysics.

PSAAPG 2017 was held during a time of downturn in the oil industry. Spending cuts by companies were anticipated to affect PSAAPG sponsorships and attendance.

The planning committee analyzed the low attendance at the recent 2016 SPE conference in Alaska and also the recent financial loss incurred by the 2016 PSAAPG conference.

Predicting accurate conference attendance was important to planning a profitable conference. However, no one knew with any certainty how many would attend. In the end, the conference committee planned for a range 100 to 200 attendees recognizing that if just 100 attended, the conference would lose money.

Several weeks before the start of the conference, registration was a somewhat anemic 120. Then a surge of registrants signed up in the weeks before the conference. Final attendance was 190!

36 talks were given, all excellent. 16 posters were presented. Numerous networking opportunities were provided at the icebreaker, mini-breakers, coffee breaks, core workshops and luncheons. A greater-than-expected number of sponsors donated funds.

The PSAAPG executive committee is commended for their moral support to the conference committee. Recognition is also given to the volunteer session chairs, students, judges and speakers. Volunteer efforts from students and professionals alike were essential to the success of the conference. The biggest recognition goes to the awesome committee chairs who collectively volunteered several hundred hours to the conference.

PSAAPG 2017 Alaska exceeded expectations!

Monte Mabry & Tiffany Carey
General co-chairs



Monte Mabry
PS General Co-Chair



Tiffany Carey
PS General Co-Chair

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H. Victor Church Memorial Award

The H. Victor Church Memorial Award is given by the Pacific Section American Association of Petroleum Geologists in recognition of the best poster presented at the annual Pacific Section meeting. The H. Victor Church Memorial Award was established as the result of individuals wanting to build a lasting memorial to the technical prowess of Dr. H. Victor Church. The focus of the award is on creative thinking toward new ideas in exploration, development geology, or foundational geology. Peers judge the posters at each session and scores are compiled and reviewed by the convention judging committee to determine the overall winner.

The Award is a beautiful walnut plaque with a brass seal of the Association and a large brass plate engraved with the name of the award, the name of the Section meeting and the name of the author whose poster is judged best. The presentation of the Award will be at the 2017 Pacific Section AAPG Annual Meeting in Anchorage, Alaska.

The winner of the Best Poster presented at the Pacific Section AAPG Annual Meeting in Las Vegas, NV, October 3, 2016 is **Michael A. Thompson**, Environmental Consultant, Roux Associates, Long Beach, CA. The Poster is entitled "*Tectonic Evolution of the Palos Verdes Fault - Lasuen Knoll Segment, Offshore Southern California*." The co-author is Robert D. Francis, PhD, Professor and Department Chair, Department of Geological Sciences, Cal State University Long Beach, California.

A. I. Levorsen Memorial Award

The A. I. Levorsen Memorial Award is given by the national American Association of Petroleum Geologists in recognition of the best paper presented at each AAPG section meeting, with particular emphasis on creative thinking toward new ideas in exploration and developmental geology. AAPG members who volunteer their time at each meeting judge the papers in each session. The session scores are compiled and reviewed by the convention judging committee to determine the overall winner.

The Award is a diamond shape crystal displaying the AAPG emblem and Section name. The crystal is mounted on a wood base with a gold plate inscribed with the recipient's name, year, and name of the award winning paper. The award was established as the result of contributions from many individuals and societies who wished to contribute to a lasting memorial to A. I. Levorsen.

The winner of the Best Oral Presentation of a Paper given at the Pacific Section AAPG Annual Meeting in Las Vegas, NV, October 3, 2016 is **Gregory Gordon, PhD**, Exploration Geologist, Aera Energy, Bakersfield, California. The paper is entitled "*Miocene Paleogeography and Stratigraphic Evolution of the Ventura Basin*". The co-author is Stuart Gordon, Exploration Geologist, California Resources Corp., Bakersfield, California.



*From left to right:
Gregory Gordon and
Robert Horton.*

Young Professional Distinguished Service Award

The YP Distinguished Service Award was defined and proposed by the Section's Executive Committee in 2014. It will be first presented at the Section's Annual Meeting in Oxnard, CA in 2015. The award is bestowed upon practicing petroleum geologists who are under 35 years of age or who have been employed as a petroleum geologist for less than 10 years. The Honoree has volunteered and demonstrated excellence, enthusiastic participation, organization creativity, leadership and passion for the geological sciences.

This year the Section honors:

Trystan M. Herriott, Fairbanks, AK

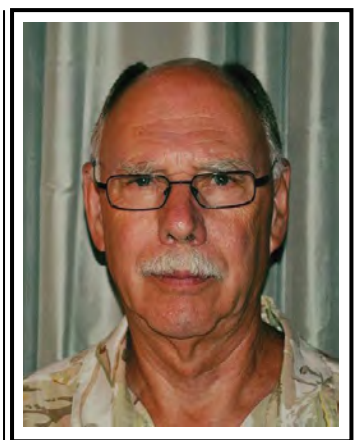
*From left to right:
Robert Horton and Trystan M. Herriott.*



Distinguished Service Award

The Distinguished Service Award was defined and proposed by the Section's Executive Committee and passed by the membership in 2002. It was first presented at the Section's annual meeting in Long Beach in 2003. The award is bestowed upon members "in recognition of singular and beneficial long-term service to the Section and or affiliated Societies. The term singular does not necessarily mean without precedent, But rather the activity is specific as distinguished from general service."

This year the Section honors: **Robert "Bob" Ballog, Camarillo, CA.**
Susan M. Karl, PhD, Anchorage, AK
George Thomas Morahan, Anchorage, AK



Robert "Bob" Ballog.



*From left to right: Robert Horton
and Susan M. Karl.*



*From left to right: Robert Horton
and George Thomas Morahan.*

Distinguished Educator Award

The Distinguished Educator Award is given by Pacific Section in recognition of distinguished and outstanding contributions to geological education and counseling of students.

This year the Section honors: **Catherine L. Hanks, PhD**
University of Alaska – Fairbanks

*From left to right:
Robert Horton and Catherine L. Hanks.*



Honorary Life Membership

Honorary Life Membership is Pacific Section's highest honor. It is bestowed upon members who have distinguished themselves by their contributions and devotion to the science and profession of petroleum geology and by outstanding service to the Pacific Section.

This year the Section honors: **Kenneth P. Helmold, PhD., Anchorage, AK.**



*From left to right:
Robert Horton
and Kenneth P. Helmold.*

Photo credits to the one & only BRIAN PITTS!



Three of our favorite friends: Vicki Beighle (AAPG Headquarters), together with Donald and Cynthia Clarke.



Old friends re-unite. Our dear Kay Pitts (jack of all trades and supporter of all), together with DPA President, James Hill.



A familiar and friendly face to all of us at PSAAPG. Donald Clarke.



A thugs life. Becca Schempp (left), and Tiffany Carey, General Co-Chair (right), protecting "The Asset", Mr. Larry Knauer (Publications Chair, among many other roles).



Tiffany Carey, John Armentrout (All Convention Luncheon Speaker), and Monte Mabry. Background poster celebrating 100 years of Women in the Geosciences. Check out the advert on page 19 (Anomalies).



Proud parents (Stuart and Denise Gordon) of Gregory Gordon, the A. I. Levorsen Memorial Award winner (see page 9).



A proud moment for Ariella Goldstein and her fellow IBA teammates from San Diego State University. Dan Schwartz presenting Ariella with the IBA Award. Ariella represented San Diego State University at the convention (see page 18 for more info).



Those smiles say it all. Emily Fisher (outgoing Vice President PSAAPG) and Monte Mabry (PS General Co-Chair).



Dave Lachance, the Special Luncheon Speaker discussing the "Greater Prudhoe Bay at 40: Still a Giant".



Another two awesome folks. Cynthia Huggins and Dan Schwartz. Dan is the AAPG VP of Sections, and Cynthia wears enough hats to fill this page with text. Thanks for all your hard work!



Larry Knauer, Kay Pitts, Jennifer Crews (Sponsorship Committee), and Robert Horton (outgoing PSAAPG President).



Masters of action. Always hard at work behind and in front of the scenes. Becca Schempp and Tiffany Carey.



Ariella Goldstein sitting with Cynthia Clarke at the awards luncheon. What makes you think Ariella is proud of her Teams' accomplishment?



John Armentrout discusses global warming at the All Convention Luncheon.



Proud members of the PSAAPG roaming the booths and enjoying the happy hour.



A proud year for the geosciences!

Students Events

Local Pacific Section students were a highlight at this year's annual convention in Anchorage. Most of the students in attendance were from University of Alaska, Anchorage and Fairbanks, but students from San Diego State University, California State University Bakersfield, and Stanford University also were in attendance. Eleven Van Couvering Awards were presented at the Awards Luncheon on Tuesday. These awards are given out to local students to encourage student attendance and participation at Pacific Section meetings and field trips. The students are chosen by the local society and faculty. Their registration and lunches are covered by Pacific Section and also receive a cash award. Students also contributed to the strong technical program by presenting their research during both the poster and oral sessions.

One highlight was the student Q&A panel. This has become a tradition at the Pacific Section conventions. There is no cost to the students and they can submit questions ahead of time. This year's panel consisted of Dan Schwartz, AAPG Vice President Sections and Managing Partner with Black Fox Resources LLC; Larry Knauer, Retired Chevron and Publications Chair for PSAAPG; Marina Ramirez, Development Geophysicist with ConocoPhillips; and Becca Schempp, Geologist with California Resources Corporation. This year's panel was smaller than past years with 6 students in total, five females and one male. The smaller group created a much more intimate conversation than formal panel. Questions ranged from "how can I stand out in interviews," to "what tools and skills will help me in my internship or job?" and "How has the industry/workplace changed in regard to women in the field?" Each professional was able to give their own insight to the specific questions. The questions and responses were documented and sent out to the students. The Student Q&A panel is a great opportunity for students to get one-on-one interaction with professional geoscientists.

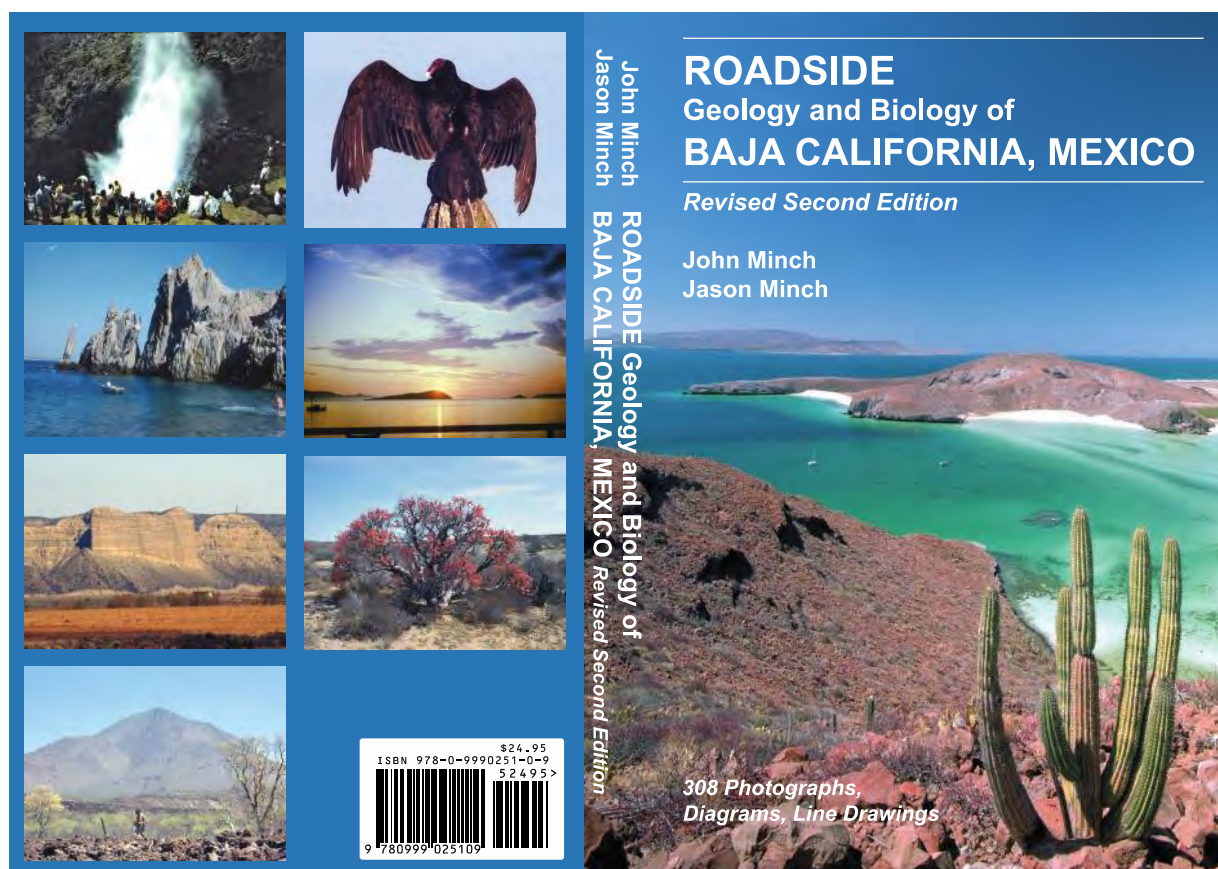
Becca Schempp



From left to right: Robert Horton, Nilesch Dixit, Deirdre LaBounty, Veselina Yakimova, Kate O'Malley, Hannah Huhman, Cole Payne.



From left to right: Robert Horton, Jon Tucker, Charlie Daniels, Andrea Hackley, Amber Rhoads, Patrick Foster.



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Teacher of the Year Award

The Teacher of the Year Award is given by the Pacific Section AAPG in recognition of excellence in the teaching of natural resources in the Earth Sciences. The PS-AAPG is pleased to present Corby Weyhmiller with the Teacher of the Year Award.

Corby Weyhmiller

Corby Weyhmiller is a creative middle school science teacher at Klawock Middle School on Prince of Wales Island in southeast Alaska.

Corby's teaching philosophy is inspired by his own curiosity about the natural world. He grew up in the community and utilizes the outdoors to connect his students to their culture and the land around them. Most of the 136 students in the K-12 Klawock School District are native Alaskans. The district has a 91.7% graduation rate, which is one of the highest in Alaska.

His 7th Grade students learn about the natural resources on Prince of Wales Island by mapping a given plot area (20m x 20m), describing the type and relative abundances of rocks in the area, analyzing the data collected compared

to the uses of the island's natural resources over time, and writing a report about their findings. By integrating subjects and technology across the curriculum Corby provides his students with a practical application of the geotechnical work they could do in their community in the future.

To engage his students at the beginning of the unit, Corby and his fellow science teachers created and star in a humorous geologic video "A-U, Where's the Gold?" (<https://www.youtube.com/watch?v=c7WQd-EyXh0&t=28s>). The video introduces geology terms, which students then define and use throughout the unit.

Corby is an enthusiastic and caring teacher in his school and community. In addition to teaching, he participates in most of the science trainings in his district, collaborates with fellow teachers to host an annual science fair, and worked for two years to raise money to take their 6th and 7th grade students to Washington DC last year. His childhood interest in earth science and his love for making rocks "cool", allow his students to leave the social media behind for a few hours to hike into the quarries with rock hammers in hand, on adventures they will remember long after they leave his classroom.



IBA

Held competition on March 17th at Aera Energy LLC Sponsors :
PSAAPG, AERA, CRC, BFR,

Coordinators: Cynthia Huggins and Marck Maroun.

Judges: Dan Schwartz, Tony Reid, Dave Miner, Aerial Auffant, Dan Loera.



San Diego State University SDSU 1st place

*Bennet Spelvak (Advisor)
Dillon Murphy
Ariella Goldstein
Alex Laws
Matt Skakun
Andrew Wilson
Eugene (Kip) Hering (Advisor)*



University of Alaska Fairbanks UAF second place

*Eric Orphys
Katherine O'Malley
Veselina Yakimova
Nealey Sims
Paul McCarthy



University of California, Santa Barbara UCSB third place

**Alex Simms (advisor)
Caroline Chang
Zack Nelson
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Anomalies

✦ Pioneering Women in Petroleum Geology: 1917-2017

To be released April 1, 2017, *Anomalies* represents a deep foraging into the unrealized and near lost history of women that began in 1917 their 100 year journey as petroleum geologists.

“Robbie Gries and her contributors have created a remarkable account of early women in petroleum geology. The book represents a “deep dive” into the lives, accomplishments, triumphs, and, even, terrors, of early women professionals. It displays impressive scholarship, and reflects four years’ efforts to source histories of these largely forgotten women professionals.

An astounding network of women professionals, formed by need, strengthened by time, constituting an amazing support system. Robbie has done an amazing, multi-year research effort in uncovering hundreds of early petroleum geologists, active in many countries, whose early efforts are now recorded for our belated appreciation.

A delightful, hopeful, sense of progress is conveyed by the book, as the intense survival stories of early women geologists, give way to a prideful modern acknowledgement of the importance of women petroleum geoscientists in our modern petroleum industry.

The book should be read by every petroleum geologist, geophysicist, and petroleum engineer; partly for the pleasure of the sprightly told adventures, partly for a sense of history, and, significantly, because it engenders a proper respect towards all women professionals, forging their unique way in a “man’s world”.

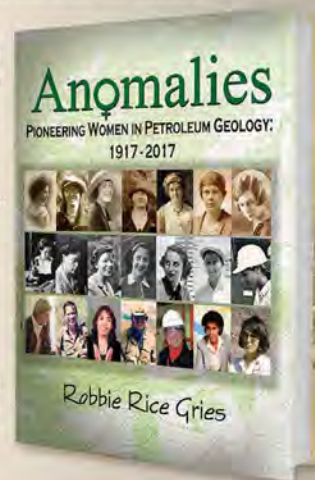
Buy this book! It will renew your pride in being a petroleum geologist, and it will enlighten you on the struggles of our wonderful women associates as they followed their professional dreams.”

– Marlan Downey, Past President of AAPG, CEO Roxanna Petroleum

“*Anomalies* celebrates the inspiring achievements of an intrepid group of pioneering women that have laid the groundwork for female geoscientists today. Robbie Gries provides an entertaining and informative narrative of 100 years of trailblazers that is enriched by excerpts from diaries, letters and interviews. The women in these pages were true scientific contributors and innovators at a time when women were just emerging into the growing field of petroleum geology. This is a must read for any historian of the oil patch, as it provides the only comprehensive record of the hidden history of these ground-breaking women.”

– Allyson Anderson Book,
Executive Director - American Geosciences
Institute

Once released, the book can be ordered from the AAPG Store for \$50 plus shipping and handling. Please e-mail 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.



Congratulations to the new PSAAPG Executive Committee members!

President: **Mike Nelson**
Term is 2017-2018



Secretary: **Timothy Gross**
Term is 2017-2018



Past President: **Robert Horton**
Term is 2017-2018



Treasurer: **Simmie Chehal**
Term is 2017-2018



President Elect: **Rick Behl**
Term is 2017-2020



Treasurer Elect: **Lisa Alpert**
Term is 2017-2018



The PSAAPG ExCom would like to express its gratitude to Plamen Ganev, Afton Van Zandt, Aaron Hebeler and Chris Lalonde for the interest and commitment they expressed by standing for office in the annual election. We hope to see all of your names in next year's election!

Vice President: **Mike Clark**
Term is 2017-2018



Editor-in-Chief: **Vaughn G. Thompson**
Term is 2017-2018



Alaska Geological Society

Enjoying a well-deserved break after the convention.

July – August: Summer Break.

Meetings will resume on September 19th, 2017.

September 19th, 2017.

Speaker: Dr. Birgit Hagedorn, UAA.

Talk: Awaiting title.

Coast Geological Society

July – August: Summer Break.

Meetings will resume in September.

L.A. Basin Geological Society

July – August: Summer Break.

Meetings will resume in September.



Northern California Geological Society

July – August: Summer Break.

Meetings will resume in September.

Northwest Energy Association

July – August: Summer Break.

Meetings will resume in September.

Sacramento Petroleum Association

July – August: Summer Break.

Meetings will resume in September.

San Joaquin Geological Society

Announcements coming soon

July – August: Summer Break.

Meetings will resume in September.

Alaska Geological Society
www.alaskageology.org

P. O. Box 101288
Anchorage, AK 99510

Contact: Dave Buthman
dbuthman@hilcorp.com



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.

President:	Larry Smith	ljsmith@gci.net
President-Elect:	Greg DuBois	
Vice-President:	Keith Torrance	keith.torrance@uicurniaq.com
Secretary:	David Buthman	dbuthman@hilcorp.com
Treasurer:	Carla Sanchez Phelps	carlasphelps@gmail.com
Past-President:	Chad Hults	chadcph@gmail.com

Coast Geological Society
www.coastgeologicalsociety.org

P. O. Box 3055
Ventura, CA 93006

Contact: Alastair Hadow
805-804-7233



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 Eric White (secretary@coastgeologicalsociety.org), and should be made by 4:00 p.m. on the Friday before the meeting.

President:	Theresa Heirshberg	president@coastgeologicalsociety.org
Past President:	Alastair Hadow	pastpresident@coastgeologicalsociety.org
Vice President:	Eric White	vicepresident@coastgeologicalsociety.org
Secretary:	Shelby Fredrickson	secretary@coastgeologicalsociety.org
Treasurer:	Stacey Zeck-Boles	treasurer@coastgeologicalsociety.org
Membership chair:	Bonnie Walters	membership@coastgeologicalsociety.org
Webmaster/Tech Support:	John Rice	webmaster@coastgeologicalsociety.org

Los Angeles Basin Geological Society
www.labgs.org

Contact: Jean Kulla
949-500-3095



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 or by contacting Graham Wilson at 562-326-5278 or GWilson@SHPL.net Reservations must be made prior to Tuesday before the meeting.

President:	Bert Vogler	hvogler@kleinfelder.com
Vice President	Jacqueline Chavez	geojacqueline@gmail.com
Treasurer:	Nicky White	nwhite@geomechanicstech.com
Secretary:	Ryan Weller	ryweller@gmail.com
Scholarships:	Karla Tucker	ktkr2@aol.com
Webmaster	Ivan Aburto	iaburto@breitburn.com

Northern California Geological Society
www.ncgeolsoc.org

9 Bramblewood Court
Danville, CA 94506-1130

Contact: Mark Sorensen
msorensen64@earthlink.net



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 before the meeting. Cost is \$5 per regular member; \$1 per student member; and \$1 per K-12 teachers.

(Continued on next page)

NCGS Officers:

President:	Will Schweller	willschweller@yahoo.com
President-elect:	open	open
Past President	Phil Reed	philecreed@yahoo.com
Treasurer	Barbara Matz	barbara.matz@cbifederaleservices.com
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Scholarships	Phil Garbutt	plgarbutt@comcast.net
Program Director:	John Karachewski	cageo@sbcglobal.net
Website Editor	Mark Detterman	mdetter1@gmail.com

Northwest Energy Association

www.nwenergy.us

P. O. Box 6679

Portland, OR 97228-6679

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.

President	Laird Thompson	lbtfacs@gmail.com
Vice-President	Steven Pappajohn	pappajohn@narpllc.com
Past President	Bill Rodgers	bill.rodgers@stoel.com
Treasurer	Barb Portwood	bbportwood@gmail.com
Co-Treasurer	Jim Jackson	jackson.js@comcast.net
Secretary	Clark Niewendorp	clark.niewendorp@state.or.us

Sacramento Petroleum Association

P. O. Box 1844

Folsom, CA 95630

Contact: Jerry Reedy or Pam Ceccarelli

916-486-2643

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 starts 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: Beckie Burston

BeckieBurston@chevron.com



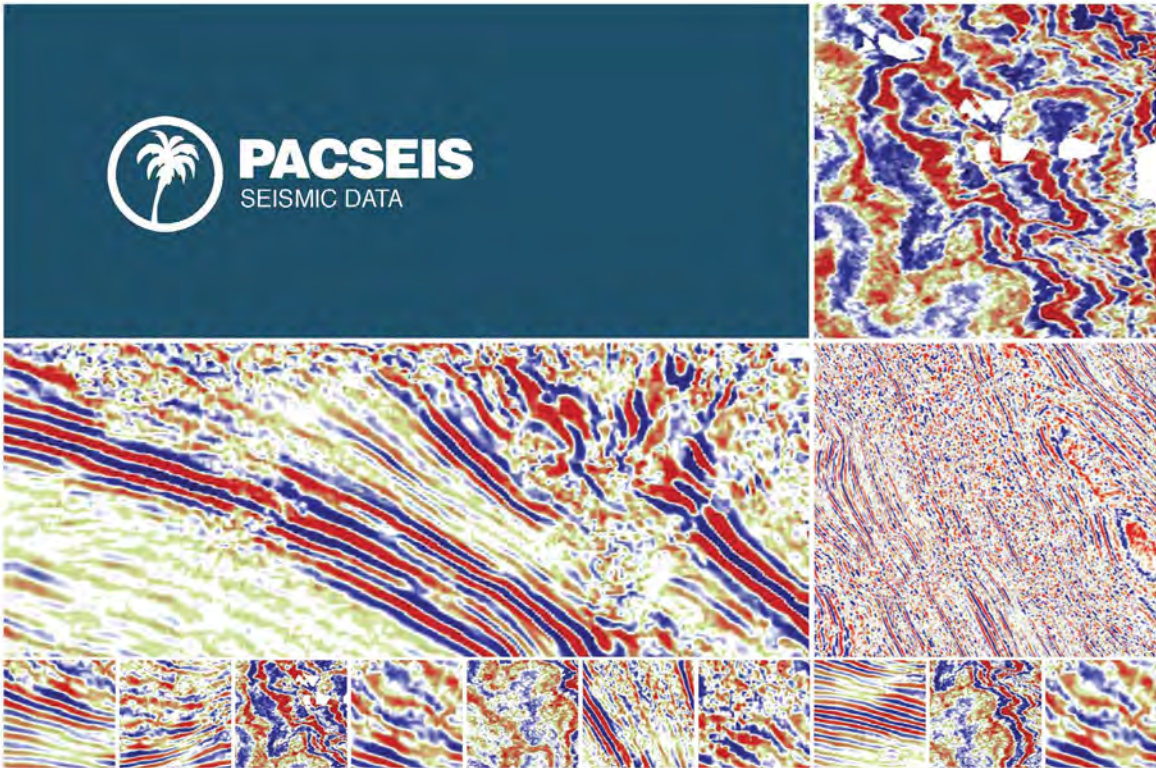
We have dinner meetings on the second Tuesday of the month at the Eagle's Lodge at 1718 17th Street, Bakersfield, CA 93302. There is an icebreaker at 6:00 p.m., dinner at 7:00 p.m., and a talk at 8:00 p.m. Dinner is \$25 for members with reservations and \$30.00 for nonmembers and members without reservations. Students may attend for free.

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Past President:	Greg Gordon	gsgordon@aeraenergy.com
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Vice-President:	Matt Andersen	MAndresen@aeraenergy.com
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