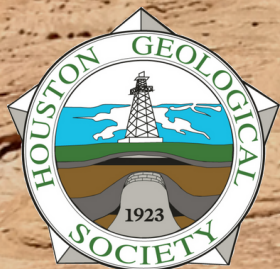


# BULLETIN

HOUSTON GEOLOGICAL SOCIETY

MEET THE 2022-2023  
EXECUTIVE BOARD



## *In this issue:*

### HGS WELL LOG COURSE

Well Logs: Beyond Basics

### HGS-PESGB AFRICA CONFERENCE CALL FOR PAPERS DEALDINE

June 15, 2022

### EAGE-HGS LATIN CONFERENCE CALL FOR PAPERS DEALDINE

June 25, 2022

### HGS MEMBERSHIPS EXPIRE

June 30, 2022



## Board of Directors 2021-2022

President (P)	Mike Erpenbeck	Upstream Advisors Group	832-418-0221	mike.erpenbeck@hotmail.com
President-Elect (PE)	Walter Light, Jr.	Thunder Exploration	713-823-8288	wthunderx@aol.com
Vice President (VP)	Patricia Walker	Retired	832-444-0900	pattywalker1@icloud.com
Secretary (S)	Lucia Torrado	AGI Exploration LLC	832-360-3930	secretary@hgs.org
Treasurer (T)	William Gough	In Transition	713-446-0868	wgough@gmail.com
Treasurer-Elect (TE)	Bruce Blake	Tri-Star Petroleum	713-459-7508	bruce.blake@tri-stargroup.com
Editor (E)	Scott Sechrist	Acoustic Geoscience Consulting	281-638-1213	editor@hgs.org
Editor-Elect (EE)	Ken Thies	Toxodon Exploration	713-598-0526	kenthies.kt@gmail.com
Director 21-23 (D1)	Lanette Marcha	Chevron	832-808-0263	lmarcha@hotmail.com
Director 20-22 (D2)	Barbara Hill	Schlumberger	315-706-4709	bhill8@slb.com
Director 20-22 (D3)	Casey Langdon	TGS	703-727-7893	clangdo3@gmail.com
Director 21-23 (D4)	Dianna Phu	INTECSEA	281-236-3131	dianna@exabyte.org

Committee	Chairperson	Phone	Email	Board Rep.
AAPG House of Delegates	Kenneth Mohn	713-485-9696	kwmohn123@gmail.com	P
Academic Liaison	Paul Mann	713-743-3646	pmann@uh.edu	D2
Advertising	Bryan Guzman	832-503-4645	bryanguzman85@gmail.com	E
Africa Conference	Caroline Wachtman	281-825-9627	carolinewachtman@gmail.com	PE
Applied Geoscience Conference	Jason Simmons	832-573-2687	jason.simmons@bhge.com	P
Geomechanics	Umesh Prasad	713-879-2529	umesh.prasad@bhge.com	P
Arrangements	Patricia Walker	832-444-0900	pattywalker1@icloud.com	VP
Awards	Mike Nieto	281-783-6130	michael.nieto@pofg.com	P
Ballot / Elections	John Jordan	713-594-5648	john.jordan.062255@gmail.com	S
Calvert Fund	Jeff Lund	713-253-7481	jeff.lund@corridoroilandgas.com	PE
Continuing Education	Thom Tucker	281-413-0833	century@flash.net	D4
	Cheryl Desforjes	713-816-9202	cheryldesforjes@hotmail.com	D4
Communications Committee	Dianna Phu	281-236-3131	hgs.socialmedia@gmail.com	PE
	Rosemary Laidacker	713-805-9672	rmlgeo@gmail.com	PE
Earth Science Week	Lynn Travis		lynnstravis@gmail.com	D2
Educational Outreach	Steven Johansen	346-234-7032	geosjjohansen@gmail.com	D2
Employment Committee	Sushanta Bose	281-857-9831	sbose4u@gmail.com	D3
Environmental & Eng, Geology	Matthew Cowan	713-777-0534	mrcowan1@hal-pc.org	VP
	Troy Meinen	713-962-5495	troy.meinen@erm.com	VP
Exhibits	Marcus Zinecker	469-693-1285	marcuspzinecker@gmail.com	D3
Field Trips	Constantin Platon	832-686-3231	constantin@oakgeosciences.com	D4
Finance	VACANT			T
Foundation Fund	Joe Lynch	346-333-9872	joelynchtx@gmail.com	PE
General Meetings	Patricia Walker	832-444-0900	pattywalker1@icloud.com	VP
Golf Tournament	Jimmy Bagley	832-564-6028	jbagley@continentallabs.com	D1
	Kenny Baucum	713-882-6010	kenneth.baucum@stratagraph.com	D1
Government Affairs	Henry Wise	281-242-7190	hmwise@yahoo.com	D4
	Arlin Howles	281-753-9876	arlinhowles@yahoo.com	D4
Guest Night	Dave Orchard		dmorchard_geology@outlook.com	D1
HGS New Publications	William Rizer	503-852-3062	rizerwd@gmail.com	EE
International Explorationists	Steve Getz	713-304-8503	slgetz@outlook.com	VP
International Group Treasurer	VACANT			VP
Latin American Conference	Ceri Davies	281-777-0683	ceri.davies@cgg.com	P
Membership Growth	Gustavo Carpio	832-706-7619	gecarpio@gmail.com	S
Membership, New	Sharma Dronamraju	713-503-5011	parsonal.sharma@gmail.com	S
Museum of Natural Science	Inda Immega	713-661-3494	immega@swbell.net	D2
	Janet Combes	281-463-1564	jmcombes@msn.com	D2
NeoGeos	Bryan Bottoms	405-623-4533	geobottoms@gmail.com	D3
Nominations	Jim Tucker	301-807-9255	jtuckergeo@aol.com	P
North American Explorationists	Mark Hamzat	832-540-3216	mark@bdsrsvs.com	VP
	John Bishop	713-819-0891	johnwbishop@outlook.com	VP
Office Management	Mike Erpenbeck	832-418-0221	mike.erpenbeck@hotmail.com	P
Scholarship Night	Charles Strenbach	832-567-7333	carbodude@gmail.com	P
	Fang Lin	281-253-0430	fanglin@chevron.com	P
Outcrop Family Campout	VACANT			D1
Science & Engineering Fair	Dorene West	281-413-7172	dbwesthou@earthlink.net	D2
Shrimp Peel & Crawfish Boil	Michael Salazar	713-410-4391	msalazar@coregeologic.com	D1
Clay Shoot	Howard Wood	832-277-0141	hw@coregeologic.com	D1
Social Media	Dianna Phu	281-236-3131	hgs.socialmedia@gmail.com	D4
	Lauren Robinson	317-402-6482	lseidman5.robinson@gmail.com	D4
Tennis Tournament	Constantin Platon	832-686-3231	constantin@oakgeosciences.com	D1
Vendor's Corner	HGS Office	713-463-9476	office@hgs.org	TE
Video Committee	Linda Sternbach	832-567-7337	linda.sternbach@gmail.com	D3
Web Management	Ollie & Deborah Costello	713-618-2491	opcstello@gmail.com	D4
HGS Executive Office Director	Andrea Peoples	713-463-9476	andrea@hgs.org	
HGS Web Content Manager	Alyssa Cushing	713-463-9476	acushing@hgs.org	

# *Table of Contents*

*ON THE COVER: Photo from the Hite Crossing Bridge area at the upstream limit of Lake Powell, Utah. Jurassic age sandstones of the San Rafael Group and the Glen Canyon Group (Navajo sandstone). Photo provided by Lawrence Walker.*

**5 LETTER FROM THE PRESIDENT**

by Mike Erpenbeck

**12 ECH AWARDS BANQUET**

Article by Dorene West

**7 LETTER FROM THE EDITOR**

by Scott Sechrist

**14 HGS WELL LOG SHORT COURSE**

Well Logs: Beyond Basics  
by Richard Odom

**9 HGS-PESGB AFRICA  
CONFERENCE CALL FOR PAPERS**

Abstract deadline: June 15, 2022

**15 HGS GOLF TOURNAMENT 2022**

Early Bird pricing until October 8th!

**10 HGS REPRESENTATION AT THE  
HOUSTON WATER WORKS  
FESTIVAL**

Article by Steven Johansen

**19 MEET THE 2022-2023 HGS  
BOARD OF DIRECTORS**

Terms begin July 1

**11 EAGE-HGS LATIN CONFERENCE  
CALL FOR PAPERS**

Abstract deadline: June 25, 2022

**20 AAPG HOUSE OF DELEGATES  
CANDIDATES**

by Kenneth Mohn



The Houston  
Geological  
Society

# It's time to renew your membership

MEMBERSHIPS EXPIRE  
JUNE 30, 2022!



Renew by scanning the QR code above

ACTIVE/ASSOCIATE MEMBERS: \$36 EMERITUS MEMBERS: \$18  
STUDENT MEMBERSHIPS FREE

VISIT OUR WEBSITE AT [WWW.HGS.ORG](http://WWW.HGS.ORG)



# FROM THE PRESIDENT

MIKE ERPENBECK



**Can the year really have passed already?**

Probably the most clichéd statements made are those that refer to amazement at the seeming rapid passage of time. Yet I can't help myself in this case. Truly it seemed like just yesterday I was thrust into this position of HGS

President, with its attendant novel responsibilities. But the year has indeed rapidly passed, and the time has come to craft a final President's Column.

How to sum up an entire year in one short last letter? What significant events occurred during my turn at the helm? What did this Board learn that can be passed along to the next crew for the betterment of Houston Geological Society? In a nutshell it can be stated that the year was a fairly ordinary one since we were not forced to reckon with a Harvey flooding disaster, and the worst of COVID had more-or-less passed. We tested the waters for in-person meetings but the combination of high cost of the meals and an acceptance that digital meetings had some advantages. The board of directors conducted all their monthly meetings in zoom format and meeting attendance was the highest in recent memory.

We now sense that there is an appetite for in-person meetings as, you just can't beat the face to face approach when it comes to networking. It remains to be seen how the incoming board will shuffle these into the mix of in-person or virtual.

The meeting events during the year included 8 general dinners, 4 general lunches, 7 environmental and engineering meetings, 3 North American dinners, 3 International dinners, and the Scholarship Night and Sheriff lecture meetings. **Patty Walker**, as Vice President, secured the speakers and logistics for the general events, while **Matthew Cowan** and **Troy Meinen** arranged the E&E presentations. The international and North American dinner meetings were handled by **Steve Getz** and **Mark Hamzat**, respectively. A very successful Scholarship Night was put on by **Charles Sternbach** and **Fang Lin**.

Our in house conference this year was the HGS-EAGE Latin America Conference in early November. It was a hybrid event and drew 80+ attendees. Thanks to Ceri Davies and his crew for a successful conference.

We had 5 short courses presented this year and would like to thank **Thom Tucker** and **Cheryl Desforjes** for planning and executing these events. Educating our members through ongoing training is a primary mission of HGS.

Another large contribution this year for educating and inspiring those in our local elementary and high schools (and even venturing into local universities) came from the work of the Educational Outreach committee chaired by **Steve Johansen** and **Letha Slagle**. Through coordination of

the many volunteers in this committee and interacting with other committees in this group there was a continual stream of outreach activities throughout the year. These included classroom presentations at the K-12 level and STEM support organizations and events, Scout troops, etc. The committee also works to cultivate relationships with STEM and science-savvy teachers in public and private schools, including Houston's four magnet high schools. Some of these have been perennial HGS favorites: Earth Science Week, Houston Gem and Mineral Show, Science and Engineering Fair of Houston and others. It takes many volunteers to engage the public community in all these events, and we thank them all. Thanks also to departing director **Barbara Hill** for coordinating all these outreach committees.

Most of our networking events this year were in-person events that occurred outdoors. Early in the year was a gathering put together by **Patty Walker** at Sugar Land's Constellation Field to watch the minor league Skeeters. The HGS Golf Tournament resumed in October after a year's pandemic hiatus thanks to the efforts of **Elliott Wall**, who has chaired this committee for a number of years. He is handing over the reins to **Jimmy Bagley** and **Kenny Baucum**, whom we hope will extend the success of this event. Finally, a very successful Shrimp Peel/Crawfish Boil was held in May with a large turnout, thanks to the efforts of **Michael Salazar** and others on his committee. The Student Expo committee held two events, the Expo itself and a Trivia contest at a local ale house, with **Amanda Johnston** and **Katie Fry** guiding those efforts.

The Society runs as smoothly as it does because of the dedication of the office staff. We want to thank Andi and Alyssa for their help in providing the continuity from year to year as they often have to usher in a new crop of volunteers every July.

It's impossible to thank personally all the volunteers who pitched in to help the Society conclude another successful year. I feel a high level of camaraderie with the Board in particular. Stepping down in 2022 are myself, Vice-President **Patty Walker**, Secretary **Lucia Torrado**, Treasurer **William Gough**, Editor **Scott Sechrist**, and Directors **Barbara Hill** and **Casey Langdon**. I imagine most of us will remain associated with HGS in some capacity, as there are lots of opportunities to still make an impact at the committee level, using the knowledge and experience we have gained. We hope to see you out there as we continue to Serve the Science!

Please welcome the members of the new Board of Directors

President: Walter Light  
President-Elect: Paul Britt  
Vice President: Scott Sechrist  
Secretary: Amanda Johnston  
Treasurer: Bruce Blake  
Treasurer-Elect: Fang Lin  
Editor: Ken Thies  
Editor-Elect: Caroline Wachtman  
Director 1: Lanette Marcha  
Director 2: Bill DeMis  
Director 3: Troy Meinen  
Director 4: Dianna Phu

# Volunteer with HGS



## Annual Events

Every year the HGS has annual social events, and we need volunteers to help us organize and set up on the day of!

These include events such as:

- Golf Tournament
- Shrimp Peel & Crawfish Boil
- Skeet Shoot
- Tennis Tournament
- Field Trips



## Committees

HGS committees such as Educational Outreach and Continuing Education provide geoscience learning resources to students and the local geoscience community. These groups are always looking for volunteers! If you or someone you know is interested in lending a hand, please contact the HGS Office!

## Interested in Volunteering?

The HGS is always looking for energetic members to become volunteers for the society! As the largest local geological society in the country, we depend on the support of our members to help us organize and execute our many activities. Committees such as Educational Outreach, Continuing Education, and our annual social event committees are always looking for extra helping hands! Contact the HGS Office at [office@hgs.org](mailto:office@hgs.org) to learn more!



# FROM THE EDITOR

## SCOTT SECHRIST



It has been a profound honor and a great privilege to work with every HGS Board Member, Committee Chair and their hardworking Members, to our vital HGS Educational Outreach and Scholarship Program Volunteers; and, of course, our great HGS Office Staff, Andi Peoples and Alyssa Cushing. We literally could not have had such a successful year without every one of you.

### HGS in June 2022

As HGS Members and Volunteers begin June 2022, the HGS Annual Elections are complete, with Congratulations to our new roster of Volunteers in Service to the Society:

President-Elect: Paul Britt

Vice President: Scott Sechrist

Secretary: Amanda Johnston

Treasurer-Elect: Fang Lin

Editor-Elect: Caroline Wachtman

Directors: Bill DeMis & Troy Meinen

Although most of the HGS' technical presentations for the 2021-2022 are complete, in preparation for graduations and the start of summer vacations, the HGS still will maintain core services. There will be one Cont Ed Course in June (see below), with no technical presentations in July and August during the core summer vacation months.

On Friday, June 10, 2022, the HGS Continuing Education Committee will present the second of two courses on Well Log interpretation. The second one-day course: Well Logs: Beyond Basics. Requires individual registration and cost; and provides a separate CEU. Be sure to register to continue enhancing your log interpretation skills! And a BIG shout out to the HGS Continuing Education Co-Chairs, Thom Tucker and Cheryl Desforges for continuing the tradition of exceptional quality in HGS' Cont Ed Courses.

### SUMMER PREPARATIONS FOR THREE BIG SEPTEMBER EVENTS

#### FIRST

The HGS-EAGE Conference on Latin America: **Call for Papers Deadline is Saturday, June 25, 2022**

Abstracts should be submitted via the EAGE website using the downloadable template.

The papers must follow the Abstracts Submission Instructions (see HGS Bulletin online for link)

The Fourth EAGE/HGS Conference on Latin America: topic is: "Exploring Latin America's role in the Future Energy Mix" The event will be held in Cartagena, Colombia from **Wednesday September 14th through Friday September 16th, 2022.**

The Technical Committee invite practitioners, innovators and industry experts to contribute to this workshop and share their achievements and challenges, lay out big innovative ideas and seek new alliances to jointly develop a road for the future.

Contributors are welcome to submit abstracts of 2-4 pages in length. Submission for posters & oral presentations is welcome on all topics. Professionals, Bachelor, Master or PhD students are invited to share their work.

Please see the HGS-EAGE LatAm article in this issue of the HGS Bulletin for abstract topics requested.

#### SECOND

Coming to HGS in September 2022:

HGS Geoscience Student Expo **September 19-20th** at the Norris Conference Center, Houston, TX

After the successful event in 2021 under the Houston Geological Society, the Houston Geoscience Expo continues the 22-year event in Fall 2022. More info about the Student Expo will be released soon. Stay tuned for announcements on the website and through LinkedIn. Committee members will be posting updates.

#### THIRD

HGS-PESGB Africa Conference - The Future of G&G in Africa's E&P: Skills, Transition, & Resources: Call for Papers **Deadline Wednesday, June 15, 2022.** The event will be held **26-28 September 2022** in Houston!

Abstracts should be submitted at [africa2022@hgs.org](mailto:africa2022@hgs.org). Papers must follow the Abstracts Submission Instructions (see HGS Bulletin online for link)

**CALL FOR PAPERS:** The HGS/PESGB Africa Conference has built a reputation for hosting high-quality technical talks focused on the geology of the African continent and conjugate margin. In 2022, the conference will focus on how Africa transitions over the next decade.

#### Conference Overview

The 21st annual HGS-PESGB Africa Conference will be held 26-28 September 2022 and will include both in-person and virtual events. Join us for an in-person networking reception on September 26th at the Norris Center in Houston, TX. Then, virtually attend the technical program on September 27th and 28th. The conference will end with an in-person social on September 28th, pending sponsorship commitment.

Early Bird Pricing will be available until August 19, 2022; check your online HGS Calendar for more updates and information! Sponsorship opportunities are available; contact the HGS office@hgs.org.

#### SUMMER BEGINS

After ten issues of the 2021-2022 HGS Bulletin, it's time to turn over the reins and welcome our incoming Editor, Ken Thies and Editor - Elect Caroline Wachtman for their September 2022 issue. I have full confidence that Ken and Caroline will bring the HGS Bulletin to ever greater success for the HGS 100th Anniversary Year in 2023.

Special recognition from the Editor goes to HGS Vice President Patty Walker for her stellar lineup of Luncheon and Dinner speakers, as well contributing many of our impressive Bulletin Covers. Bravo, Patty! Further Special

# FROM THE EDITOR...continued

---

SCOTT SECHRIST



Recognition goes to North American Committee Chair Mark Hamzat and his tireless Committee. HGS members were provided with more original and unique Financial and Business-related presentations than in many years. Well Done to ALL our ChairPersons and their Committee Members! We truly appreciate and thank ALL our HGS Members, Volunteers and HGS educational outreach teams! Wishing Everyone the best of health and continuing success in 2022-2023 and beyond!

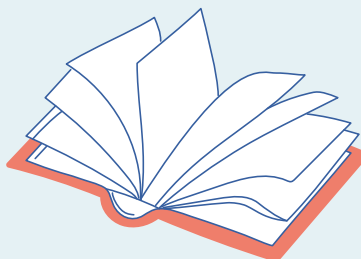
**HGS Editor 2021-2022**  
**Scott C. Sechrist**  
**Editor@ HGS.org**



## *Submit Content for the HGS Bulletin*

Do you have an idea for content you'd like to see in the monthly Bulletin? Would you like to contribute a photo to be used as the cover image? HGS welcomes submissions from members like you!

If you would like to submit content for the Editor's review, please email the HGS Office at [office@hgs.org](mailto:office@hgs.org). HGS publishes 10 issues of the Bulletin per fiscal year, and content for each issue is due by the 15th of the previous month.





26-28 September 2022  
Houston, TX & Online

# The 21st HGS-PESGB Africa Conference

## CALL FOR PAPERS

"The Future of G&G  
in Africa's E&P:  
Skills, Transition, &  
Resources"



**PES**  **GB**

Submit Abstracts to:  
[africa2022@hgs.org](mailto:africa2022@hgs.org)

Abstract Deadline: June 15, 2022



The HGS/PESGB Africa Conference has built a reputation for hosting high-quality technical talks focused on the geology of the African continent and conjugate margin. In 2022, the conference will focus on how Africa transitions over the next decade. Alongside submissions on petroleum exploration, development, and reservoir management, we also seek submissions on subsurface technologies, skills and the projects supporting Energy Transition in Africa, such as geothermal, carbon storage and rare earth element exploration.

The HGS Africa Technical Committee invites you to submit an abstract for the program. Your research could be featured on the agenda, giving you a platform to reach a global audience. You also have the opportunity to win one of the prestigious awards for technical excellence for the best presentations, including special awards for students and international contributors.

# ***HGS Representation at the Houston Water Works Festival***

BY STEVEN JOHANSEN, EDUCATIONAL OUTREACH COMMITTEE CHAIR



Houston Geological Society manned a booth at the Houston Water Works Festival on Saturday, May 7th. This is the first time that HGS has attended this event. The Educational Outreach Committee generated and displayed an 8-panel poster session on rivers, sediments, surface waters, and ground waters. Paul Riegler and Steve Johansen manned the booth.

The Houston Water Works Festival is an annual event sponsored by the Houston Public Works Department on the theme of 'all things water.' It is held at the Houston Botanic Garden, on Sims Bayou close to its intersection with Gulf Freeway. The event normally attracts several thousand visitors. This year the attendance was significantly less. Maybe this reflects the unusually hot weather, or the uneven rebound of public events as we emerge from the Covid crisis.

This new presentation on rivers, sediments, and water was designed to fit into the existing hinged metal frame that HGS uses for public poster presentations on geologic careers and petroleum. The two presentations can be readily swapped in and out of the metal frame. The posters are saved as PowerPoint and pdf files to the HGS Dropbox in the Educational Outreach directory, and a printed set of posters is stored in the HGS offices.

The presentation is designed for grade school and junior high school audiences. It explains a few very basic geologic processes and introduces some aspects of geologic time. It illustrates sediment textures, structures, and processes that a grade-schooler might observe on a family outing to a Texas riverbank. Texas educational standards for grade school students (TEKS – Texas Essential Knowledge and Skills standards set by the Texas Education Agency) have requirements for teaching concepts of the water cycle, ground waters and surface waters, sediment erosion, transport, deposition, and basic landforms. These posters were designed to support the teaching of those requirements, which is what teachers have asked us to do.





# FOURTH EAGE/HGS CONFERENCE ON LATIN AMERICA

14-16 SEPTEMBER 2022 • CARTAGENA, COLOMBIA

## CALL FOR ABSTRACTS OPEN!

### Welcome to the Fourth EAGE/HGS Conference on Latin America: “Exploring Latin America’s role in the Future Energy Mix”

On this occasion, the EAGE/HGS will bring this event to Cartagena, Colombia aiming for the first fully in person conference since the first event. Considering recent developments taking place in the world since 2019, the aim of the Technical Committee is to deliver to the audience, an integrated and exceptionally enriched conference on Latin America, offering a forum to explore relevant topics affecting the future of energy supply and the key role Latin America can play in the future energy mix to tackle energy poverty.

Since the last two decades, the Latin American region has faced continuous development in energy resources, which has opened to increased investment. The conference will provide a forum to explore the wide variation in geological settings as well as the latest geological insights from Mexico to Tierra del Fuego, including the most recent views from the conjugate margin and global analogues. Sessions covering advances in seismic imaging and non-seismic methods as well as machine learning and digitalization, are expected to present ways to achieve a more efficient exploitation of these resources.

In recent years, the oil and gas industry has significantly increased exploration and production activities in the southern Caribbean margin, the Andean foreland, Guyana-Suriname offshore, deep-water Brazil and unconventional exploration in Argentina and Colombia. Recent significant hydrocarbon discoveries in deeper water have indicated great rewards in frontier exploration but there is also a strong move towards Infrastructure Led Exploration (ILX) or Advantaged Hydrocarbons and this is expected to be a key topic in the conference.

Sessions with invited speakers are planned to cover above ground and energy transition related issues. These will provide an opportunity to interact and hold more open discussions.

### Topics

The Technical Committee invite practitioners, innovators and industry experts to contribute to this workshop and share their achievements and challenges, lay out big innovative ideas and seek new alliances to jointly develop a road for the future.

Contributors are welcome to submit abstracts of 2-4 pages in length. Submission for posters & oral presentations is welcome on all topics. Professionals, Bachelor, Master or PhD students are invited to share their work. Abstracts should be submitted via the EAGE website using the downloadable template.

The papers must follow the Abstracts Submission Instructions

**The deadline for abstract submission is 25 June 2022.**

### Please submit abstracts on the following topics:

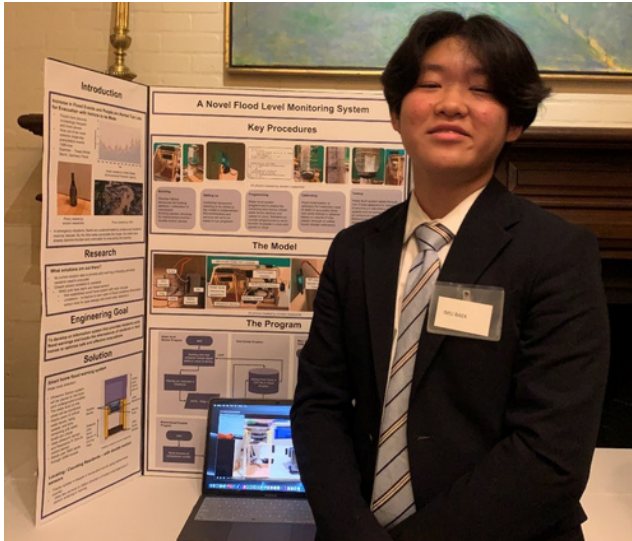
- The Geology of Latin America
- Seismic Imaging in E&P
- Applications of non-seismic Geophysical Methods
- Petroleum Geoscience for Conventional and Unconventional E&P
- Machine learning present and future role in exploration through to exploitation in Latin America
- Commercial/Above Ground
- Special Session: Energy Transition

# ***Engineering, Science, & Technology of Houston (ECH) Awards Banquet***

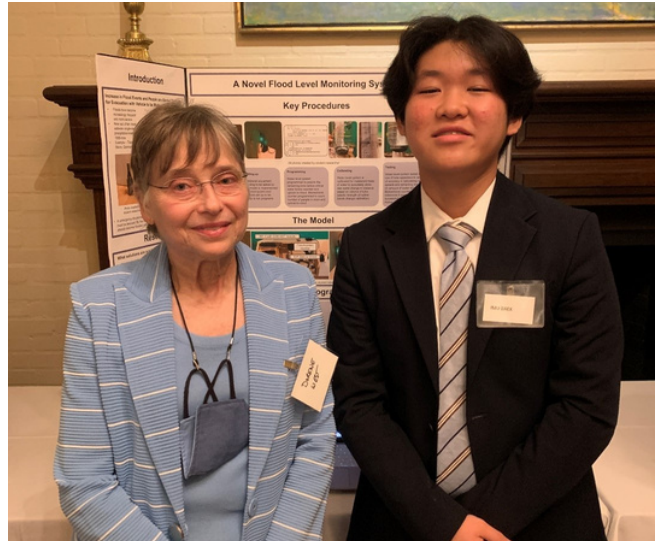
BY DORENE WEST, SCIENCE & ENGINEERING FAIR COMMITTEE CHAIR

The ECH Awards Banquet was held on May 25 at The Forest Club. Three Houston Museum of Natural Science (HMNS) summer research assistants are being sponsored by HGS. These students were recognized at the awards banquet and had the opportunity to display their Science and Engineering Fair Houston (SEFH) projects at the reception before dinner.

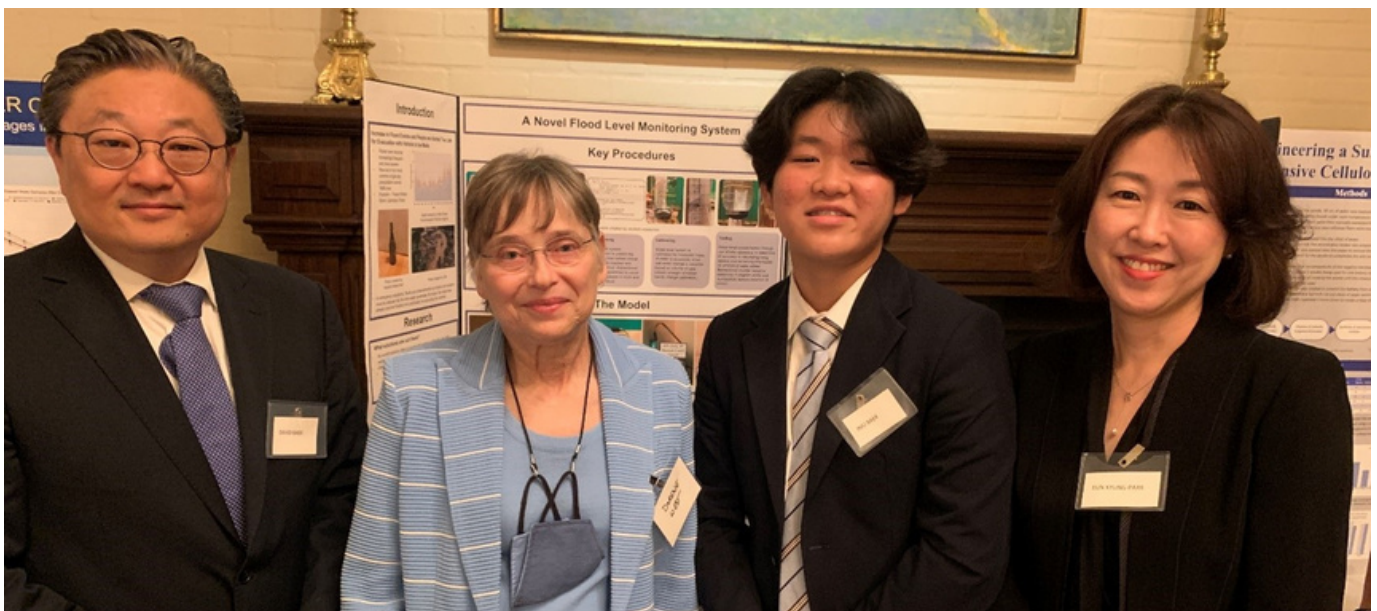
Our first intern is Inu Beak. His SEFH project was titled "A Novel Flood Monitoring System".



Inu Beak and his exhibit, "A Novel Flood Level Monitoring System".



Dorene West (HGS Science Fair Committee chair) and Inu Beak.

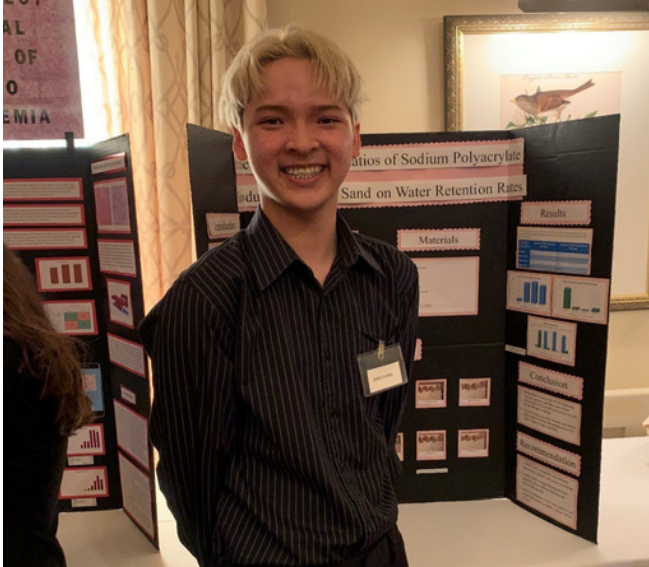


David Beak, Dorene West, Inu Beak, and Eun Kyung Park.



## ***ECH Awards Banquet...continued***

Our second intern is John Duong. His SEFH project was titled "Effects of Different Ratios of Sodium Polyacrylate, Sawdust, Clay, and Sand on Water Retention Rates".



*John Duong and his exhibit, "Effects of Different Ratios of Sodium Polyacrylate, Sawdust, Clay, and Sand on Water Retention".*

Our third intern is Jason Nguyen. His SEFH project was titled "Autonomous Search-and-Rescue Drone using Machine Learning".



*Jason Nguyen and his exhibit, "Autonomous Search-and-Rescue Drone using Machine Learning".*



*John Duong and Dorene West.*



*Jason Nguyen and his father, Binh Nguyen.*

# HGS CONTINUING EDUCATION SHORT COURSE

FRIDAY, JUNE 10, 2022

WESTERNGECO LLC | 10001 RICHMOND AVENUE, HOUSTON, TX 77042

8:00AM - 4:00PM

HGS MEMBERS \$110 NON-MEMBERS \$150 STUDENTS \$60

[HTTPS://WWW.HGS.ORG/CIVCRM/Event/Info?ID=2381](https://www.hgs.org/civCRM/Event/Info?ID=2381)

8 PROFESSIONAL DEVELOPMENT CREDIT HOURS OFFERED

# Schlumberger

Schlumberger is graciously providing  
a gratis venue for this course.

## Well Log Courses – Well Logs: Beyond Basics

This course is the continuation of the course presented on May 6, 2022 Well Logs: Basics.

However, it can be taken without having taken the earlier Well Logs: Basics course.

### Course Description and Outline

#### Session Seven: Sonic Logs

- Measurement theory, monopole, dipole, ultrasonic
- Applications for verifying cement integrity
- Sonic porosity, how does it fit in with the litho-porosity models
- Dipole and cross dipole, rock mechanics, anisotropy and external stress and strength fields

#### Session Eight: Unconventional Reservoirs, Lessons learned in the vertical wells

- A different optimization paradigm in Unconventional Plays
- Rock Mechanics and the external stress fields (current and ancient) from sonic and imager data
- Geochemistry techniques for TOC, Applying Passey Log Delta R and other models
- Direct Geochemistry from pulsed-neutron spectroscopy
- Data available in the lateral

#### Session Nine: Break-out, Surveying the lateral and geo-steering

In this break-out the participants receive a horizontal well survey plot (paper or digital) with a vertical well near the heel and a vertical well near the toe from the “Wolf Bone” play in the Delaware basin. After correlating the vertical wells what is the analysis of the geo-steering targets?

#### Lunch Break

#### Session Ten: introduction to NMR logs

#### Session Eleven: Introduction to Formation Testers and Capillary pressure discussion

#### Session Twelve: Small scale applications of Artificial Intelligence in log analysis

- Normalization and harmonization of well data sets: GR normalization example
- Emulation of missing data: mapping Cased-hole analysis example
- Automated classification of rock sequences for
  - pruning of training data,
  - sand thickness and bed counts,
  - time-to-depth for seismic.

Wrap-up discussion for the day two.

### Summary

The aim of the short course is to create a learning environment that can educate the novice and challenge the experts. There will be several in-class exercises and break-out discussions to get hands-on experiences. Course materials will be available to work on paper or digital files to process on the computer, participants that use a petrophysics platform are encouraged to bring a Laptop. Other course materials provided will be a list of references and a 3-month license of Hydrocarbon Data Systems Petrophysical platform HDS-LOG.

### Biographical Sketch



**Mr. Richard Odom** is a petrophysicist and geologist with more than 40 years of experience in domestic and international basins. He has authored numerous papers and patents on petrophysics and well-logging tool design.

#### Areas of expertise:

- Reservoir monitoring using pulsed-neutron systems,
- Open-hole and LWD log analysis, basic and advanced techniques,
- Field-level data harmonization and geologic model building,
- Artificial intelligence and statistical analysis of large data sets,
- Analysis of production and completions (production logs, cement integrity).

#### Education and industry affiliations:

- BS, geophysics, New Mexico Tech, 1980
- MS, geology, University of Texas at Arlington, 2009
- TBPG Professional Geoscientist – Geophysics #6718

#### Current Positions:

- Chief Executive Officer at Hydrocarbon Data Systems Inc.
- Managing Partner at Oil & Gas Evaluation & Consulting

#### Instructor Contact Information:

Richard Odom  
[richard.odom@ogec.com](mailto:richard.odom@ogec.com)  
817-975-1231

**OGEC** **OGEC.COM**  
Oil & Gas Evaluations and Consulting, LLC





# GOLF TOURNAMENT

*Register Now*

---

*Entry deadline Oct. 14*  
*[www.hgs.org](http://www.hgs.org)*

***Monday,  
October 17, 2022***

**Early Bird Special  
through Oct 8**

One Golfer \$150  
Four Some \$600

# HGS ANNUAL GOLF TOURNAMENT

17 OCTOBER 2022 | STERLING COUNTRY CLUB



## TEAM APPLICATION

Entry deadline: **October 14, 2022**

Come join us for golf, food, friends, and fun at the annual HGS Golf Tournament at Sterling Country Club and Houston National Golf Club ( [www.sccathn.com](http://www.sccathn.com) ). There will be prizes awarded for closest to the pin and long drive, putting games before we start, as well as many great door prizes for participants.

**Entry Fee:** \$175.00/Golfer or \$700.00/Team.

**Early Bird Special (Through October 8th):** \$150.00/golfer or \$600.00/team

**Entry Deadline:** October 14th.

Individual entries will be grouped with other individual golfers to make a foursome. Entries are limited to and will be accepted on a first-in basis.

### Schedule of Events

**8:00am - 9:45am** Registration, free use of driving range and mini games

(Breakfast will be provided by Core Lab and Petro Log International, Inc.)

**10:00am** Shotgun start

**3:00pm** Cash bar, open buffet

**3:30pm** Door prizes and awards presentation

**Companies or individuals interested in sponsoring the event should contact the HGS Office at [office@hgs.org](mailto:office@hgs.org) or 713-463-9476. If paying by check, please make check payable to HGS or Houston Geological Society. Sponsorship deadline is October 8th.**

Team Captain: \_\_\_\_\_ Phone: \_\_\_\_\_ Amount Enclosed: \_\_\_\_\_

Company: \_\_\_\_\_ Email: \_\_\_\_\_

Card Number: \_\_\_\_\_ Exp. Date: \_\_\_\_\_ CVC: \_\_\_\_\_

Billing Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Card Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_ CVC: \_\_\_\_\_

### Foursome Members

### Company

### Phone

### Email

- |          |       |       |       |
|----------|-------|-------|-------|
| 1. _____ | _____ | _____ | _____ |
| 2. _____ | _____ | _____ | _____ |
| 3. _____ | _____ | _____ | _____ |
| 4. _____ | _____ | _____ | _____ |

Please print Please provide email addresses for ALL team members, as all communications will be done via email.



# June 2022

<i>Sunday</i>	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>
			1
5	6	7	8
12	13	14 <i>HGS Board Meeting</i> 6 p.m.	15 <i>HGS-PESGB Africa Conference Call for Papers Deadline</i>
19	20	21	22
26	27	28	29

## Cheated, Mistreated, Pushed Around?

Have you been cheated, mistreated or somehow deprived of your share of a deal, working interest or royalty? If so, give me a call. I have thirty years experience as a working interest and royalty owner in the oil and gas business to go along with forty years of court room experience. A trusted team of professionals together with the necessary resources is available to work on your case. You do not pay anything unless we win.

### *Proven Results*




- \$6,000,000 Future payout projected for settlement to widow with ORRI recovered under husband's consulting contract after company contended no payments due after death.
- \$5,800,000 Combined cash settlement for UPRC East Texas and Central Louisiana royalty owner class action cases for underpaid royalties. Court approved fee of 1/3.
- \$4,700,000 Jury verdict, oil company violates geologist non-compete contract. Settled later on confidential terms.
- \$2,000,000 Settlement for downhole failure of casing results in loss of well bore, net to client \$1,372,411.79.
- \$1,175,000 Settlement for geologist and family where oil company drilled too close to geologist property. Case filed 18 years after well drilled. Net to client \$664,822.51.
- \$986,000 Cash settlement, net to clients \$657,207.60, plus future mineral interest valued at \$500,000.00. Dispute over mineral interest ownership from thirty year old contract.

Robert A. Chaffin

**THE CHAFFIN LAW FIRM**

4265 San Felipe #1020 • Houston, Texas 77027 • (713) 528-1000 • Cell (713) 817-2786 • robert@chaffinlawfirm.com

Thursday	Friday	Saturday	
2	3	4 <b>RESERVE YOUR SPOT ONLINE AT HGS.ORG</b>	<p><b>Reservations</b></p> <p>The HGS prefers that you make your reservations online through the HGS website at <a href="http://www.hgs.org">www.hgs.org</a>. If you have no internet access, you can email <a href="mailto:office@hgs.org">office@hgs.org</a> or call the office at 713-463-9476.</p> <p><b>Reservations for HGS meetings must be made or cancelled by the date shown on the HGS website calendar, which is normally 24 hours before hand or on the last business day before the event.</b></p> <p>If you make your reservation on the website or by email, an email confirmation will be sent to you. If you do not receive a confirmation, please contact the HGS Office at <a href="mailto:office@hgs.org">office@hgs.org</a>. Once the meals are ordered and name tags and lists are prepared, no more reservations can be added even if they are sent. <b>No-shows will still be billed.</b></p> <p><b>Pricing</b></p> <p><b>In-Person Meetings</b>  HGS Members \$35  Non-Members/Walk-Ups \$40  Emeritus/Honorary Life \$15  Students \$5</p> <p><b>Virtual Meetings</b>  HGS Members \$15  Non-Members \$30  Students \$10</p>
9	10 <b>HGS Well Log Courses</b> "Well Logs: Beyond Basics" Page 14	11 	
16	17	18	
23	24	25 <b>EAGE-HGS Latin Conference</b> <b>Call for Papers Deadline</b>	
30 <b>HGS Memberships Expire</b>			

**RENEW YOUR HGS  
MEMBERSHIP**  
**[www.hgs.org](http://www.hgs.org)**



# Meet the Houston Geological Society 2022–2023 Executive Board



**WALTER LIGHT, JR.**  
President



**PAUL BRITT**  
President-Elect



**SCOTT SECHRIST**  
Vice President



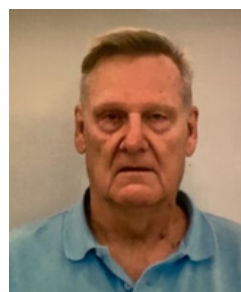
**BRUCE BLAKE**  
Treasurer



**FANG LIN**  
Treasurer-Elect



**AMANDA JOHNSTON**  
Secretary



**KEN THIES**  
Editor



**CAROLINE WACHTMAN**  
Editor-Elect



**BILL DEMIS**  
Director



**LANETTE MARCHA**  
Director



**TROY MEINEN**  
Director



**DIANNA PHU**  
Director

## TERMS BEGIN JULY 1, 2022

HGS Executive Board elections take place annually, from April 10 – May 10. Eligible voters include Active, Emeritus, and Honorary Life Members.

The House of Delegates of the AAPG is made up of delegates from affiliated societies and international regions throughout the world. They are selected by popular vote from within their respective areas and serve a three-year term. AAPG House of Delegates Requirements of the delegates include:

- Familiarity with AAPG's Constitution and Bylaws • Acquaintance with AAPG's current policies and programs
- Willingness to inform the leaders of their society or region regarding AAPG's program of activities, particularly as it relates to cooperative participation and service
- Attend annual AAPG HoD meetings to vote on By Laws and Constitutional proposals to modify the governance of the AAPG
- Willingness to support the AAPG HoD with membership retention and recruitment
- Willingness to actively solicit applications from eligible geologists for membership in AAPG

We are providing a brief informational summary of 20 candidates for the HGS delegation to the AAPG House of Delegates. A formal ballot will be sent to those eligible to vote by AAPG. Each voting member will be asked to vote for 20 individuals.

## Candidates



### Carlos Bahamon

A strong technical leader with 16 years of domestic and international experience. Passionate about solving complex geoscience E&P and CCS problems through teamwork, technology and

innovation. Always willing to challenge paradigms, improve things creatively, and motivate others to accelerate value on CO<sub>2</sub>-EOR legacy assets. Enjoys helping everyone reach new highs professionally and in life. Served as HOA Vice-president, President 2013-2018. MSc Petroleum Geology, Oklahoma University 2006. AAPG CPG#6216, active. SPEC 2008-2020. CAPM 2015-2020.



### Matt Campbell

I am honored for the opportunity to stand for reelection in the AAPG House of Delegates. I am excited for the chance to represent the Houston area as a mid-career geoscientist as the Association

continues to evolve with the next generation of members. Identifying a path forward, while retaining the guiding principles of the Association remains critical to the organization and will be my focus as a member of the House of Delegates.

I received my M.S. Degree from the University of Texas in Austin focusing on carbonate stratigraphy and depositional systems and began my career with Oxy working Permian Basin EOR/IOR projects. With Oxy I have also worked structurally complex, deep-water reservoirs of the San Joaquin Basin in California and unconventional and tight reservoirs of the Permian Basin. I have progressed in my career from a geologist & geomodeler to taking various leadership roles, on both multi-disciplinary and geoscience focused teams. I am currently the Appraisal Director for Oxy's Permian Basin unconventional assets where we work to identify and de-risk new opportunities for future development.



### Martin Cassidy

It is an interesting and exciting time for our industry as we defend ourselves from attack by politicians who think that can save the world by doing away with fossil fuels, now! Yet geoscientists are needed

more than ever as society needs "all sources of energy" as Scott Tinker has so well shown. Geoscientists and the the AAPG can thrive as we turn some of our efforts to rational planning and construction of alternate energy sources in addition to helping produce the oil and gas which are desperately needed. I arrived in Houston with my new bride, Jo, in 1955 fresh from Harvard College for a summer project with Standard of Texas (now Chevron) working on a secret project determining the seismic velocity of shales over a reef play in West Texas. It introduced me to an exciting life exploring for oil and gas. I then worked with Standard of Texas in Corpus Christi for about a year, then entered the Air Force, for a 3 year tour of duty. After that Military service and a Masters degree from the University of Oklahoma, I Joined Pan American Oil company in 1962 (soon to be Amoco) and by 1968 was in Houston and a member of the HGS and also the AAPG. I was treasure and then vice president of the HGS in 1968-69, but left in 1969 for Libya and international oil exploration. Each time I have lived in Houston I have been active in the HGS and also in the AAPG. Even after retiring and earning a Ph.D. from the University of Houston I have continued active in the HGS. I greatly enjoyed working With HGS members as President and also in the Africa Conference for several years. With the AAPG I have been active in the AAPG Publication Pipeline Committee and greatly enjoyed working with AAPG and HGS members accepting donations of Geoscience publication, inventorying them, boxing them and sending pallets of boxes of publications overseas to Universities and Libraries in many countries that needed them.

As an AAPG delegate I have attended many AAPG House of Delegates meetings and the AAPG Conventions. I believe that the AAPG can grow and be useful in the new environment, the transition, for many more years. Let us work toward that goal!





## William DeMis

William ("Bill") DeMis is president of Rochelle Court, LLC. He has over 35 years of experience in the petroleum industry. He had held positions of Exploration Manager at Marathon Oil Company,

Exploration Vice President at Roxanna Oil Company, and Senior Vice President at Goldman Sachs.

Mr. DeMis won the AAPG Dedicated Service Award in 2021. In 2000, he won the "Best Paper Award" from the AAPG, Energy Mineral Division, at the ACE meeting in New Orleans. Mr. DeMis the "Best Paper Award" s from the AAPG, Division of Professional Affairs, in 1996 at the ACE meeting in San Diego.

In 2021, Mr. DeMis, Charles Sternbach, Kristie Fergersun, and John Casiano presented an AAPG Academy class on "It's a Great Time to be an Oil and Gas Geologist." Mr. DeMis chaired a technical session at AAPG in 2006, and taught a class on by-passed pays and plays at AAPG ACE meetings in 2006 and 2008.

Mr. DeMis is an AAPG Charles Taylor Fellow, former AAPG Books Editor, former Associate Editor for the AAPG Bulletin, and a Trustee Associate of the AAPG Foundation. He is also a member of HSG, RMAG, and WTGS. He is a member of The University of Texas at Austin Littlefield Society.



## Cheryl Desforges

I would be honored to continue servings as one of the HGS Delegates to the AAPG HoD, where I have served since 2007 and was the Houston HoD Forman from 2020 to 2021.

My goal is to advocate that AAPG continue to serve the needs of our membership, and that it remains a bottom up, member driven organization for Geologists, rather than a top-down governed organization and bureaucracy. I am an advocate that AAPG needs to be run like a business.

I have been practicing Geology since Geology in the Petroleum Industry and occasionally in the Environmental Industry since 1975, after graduating with a B.Sc. degree from Texas Christian University. I earned both a M.Sc. degree in Physical Science/Geology and a Master of Business Administration from the University of Houston. I am a licensed Professional Geoscientist in the State of Texas and an active member in a number of professional organizations, including AAPG, HGS, SEPM, and SEG.

I have held various volunteer and elected positions for HGS and AAPG, including HGS President-Elect/President 2017-2019, HGS Vice President 2015-2016, HGS Treasurer-Elect/Treasurer 2005-2007, as well as GCAGS Houston 2008 Treasurer and AAPG HOD Delegate 2007-present (Foreman 2020-2021). I have applied my leadership skills as Committee Chairman for several HGS committees: Finance 2004-2005, Continuing Education 2004-present, Publication Sales 1985-1989 and as Conference Chairman of the 2019 HGS Latin

America Conference, Conference Co-Chairman 2010 "Flooding in Southeast Texas: The Science Behind the Floods"; Conference Chairman 2005 "Coastal Subsidence, Sea Level and the Future of the Gulf Coast" and as a member of the Regional Science Fair Awards/Interns Selection Committee 2004-2015,

I have been honored by my peers with several awards for my service including the AAPG Division of Professional Affairs President's Award 2019 and for HGS including the Chairman's Award 2017, the Distinguished Service Award 2008, Volunteer of the Month February 2006 and February 2005 and President's Award 2005.

My career path has involved being an independent consultant and working for a number of up-stream oil companies and technical service companies, including Atlantic-Richfield Company (ARCO), Sonat Exploration, Diamond Shamrock, J. M. Huber, Randall & Dewey, Ryder Scott, and Sabco Oil and Gas Corporation, and most recently, Eagle Hydrocarbons, before once again becoming a consultant. I have occasionally applied my geological skills to the environmental industry as the co-owner of Environmental Evaluation Partners and as a consultant. My career has offered opportunities to develop skills in many facets of geologic evaluation spanning rank wildcat and regional trend exploration to field exploitation, as well as SEC reserve audit preparations, acquisition screening and divestment marketing.



## Craig Dingler

Craig recently retired as a hydrogeologist for Clean Harbors Environmental Services, with previous experience in the petroleum industry and academia. He is a Texas licensed professional geoscientist,

and member of the Houston Geological Society, American Association of Petroleum Geologists, and the National Ground Water Association.

In AAPG, he has served the Division of Environmental Geosciences as VP and member of the advisory board. He was DEG technical chairman for the Houston 2006 AAPG annual convention and DEG vice chairman for the Houston 2011 meeting. He is a past-president of the HGS and also served as treasurer, Bulletin editor, and chairman of the environmental and engineering geologists group. He has B.S. and M.S. degrees in geology from SUNY-Oneonta and the Univ. of Idaho, respectively.

Craig has been an AAPG Delegate since 2010.



## Bryan Flynn

Bryan Flynn is a geoscientist that has been in the oil and gas industry for 15 years. He has been integrally involved and responsible for numerous international geologic assessments and developments

including North America, Gulf of Mexico, Africa, and Europe. Bryan is currently consulting on exploration projects in Guyana.

Bryan has been a member of both the AAPG and SEG for nearly 20 years, as well as having served on the HGS Continuing Education committee. Bryan believes that strong, active technical societies are important and is an active member of HGS, GSH, SEG and AAPG.

Bryan received his BSc in Environmental Geology from Millsaps College and MS in Petroleum Geophysics from the University of Houston. He has spent his career using advanced geophysical techniques to understand the geology of deep water systems.



## John Fortier

John has over 25 years of industry experience that spans mining, exploration, and seismic data management and acquisition. He received his Bachelor of Science in Geology from

Stephen F. Austin State University. Prior to joining Silverthorne, he was employed by CGG and Seismic Exchange in seismic design and acquisition roles, and has acquired seismic data in a majority of the major producing basins in the US. In addition, John worked in various seismic data management roles at Geotrace Technologies, and at Triton Data Services. As VP of Operations, John oversees the acquisition of new seismic data for Silverthorne and manages data management vendors, and hardware. He is also involved with sales and marketing of Silverthorne's Multi-Client and brokerage data library. John is a member of the Society of Exploration Geophysicists, AAPG, Houston Geological Society, Denver Geophysical Society, The Geophysical Society of Houston, Rocky Mountain Association of Geologists, and the Fort Worth Geological Society.

John feels that the AAPG, and its affiliated societies are an important part of professional growth as a geo-scientist in a rapidly changing industry. John has been a member of AAPG for over 30 years and would be honored to serve in the House of Delegates.



## Steven Getz

Steven L. Getz is a professional geologist and geophysicist who worked more than nine years with Cities Service Oil Company before becoming an oil and gas consultant for decades. During his

lengthy career he generated prospects that led to large oil and gas discoveries in Equatorial Guinea, Guatemala, as well as Trinidad, wherein he held the title of Chief Geophysicist for Trinmar Limited for two staggered six-month contracts. During his fifty plus year career, he has also generated prospects that became commercial oil and gas discoveries in: the Permian basin, Indonesia, China, and the Gulf of Mexico basin.

From 1983 through 1987, he was an owner/partner of a NASD firm, wherein he held a Series 24 license. During 2004, he was a new ventures geophysicist for Santos USA. From 2005 through 2010, he held the title of Chief Geologist with Allen Hoffman Exploration. He then became Exploration Manager for Fortesa International in their onshore Senegal acreage for several years. For several years Steve Getz worked for Green Cloud Inc, a geothermal energy company. Mister Getz has given six one-hour talks to the HGS during the past ten years.

Mister Getz has been Chairman of the AAPG Geophysical Integration Group and served twice as an ACE Conference Session Chair. He has also served as Chairman of the HGS North American Group, and he is current Chairman of the HGS International Group. From 2012 through 2013, he was active in the SEG IQEarth field studies group and served twice as a SEG Annual Conference Session Chair. He is a certified geologist with the AAPG and the State of Texas. His interests include music, poetry, chess, and martial arts.



## Kelly Haizlip

I am honored to be nominated as a member of the AAPG House of Delegates and appreciate your confidence. I am eager to represent the Houston area as an experienced geologist while the AAPG

continues to evolve in this always dynamic environment. Identifying an integrated and multi-disciplined path forward with other organizations—while maintaining the identity, integrity, and principles of the AAPG—will be my initial focus as a member of the House of Delegates. Over the last 39+ years, my career has provided me with the opportunity to work on many basins and fields globally, for many different company types and sizes, within many different organizations, and with many different nationalities and cultures. I have worked most aspects of subsurface interpretation from exploration to production and have spent most of my career between those extremes. From a discipline perspective, I have often functioned as the integrating link between the typically polarized groups of reservoir geology and reservoir engineering. Currently, I am the Subsurface Team Lead & Sr. Technical Advisor for Ecopetrol-America (Deepwater). I believe this broad and varied experience will help me to better understand the issues ahead for our organization and to better identify solutions for them. Thank you for your consideration.

**Education:** B.S. Geology (1983) – Lamar University, Beaumont, TX; Postgraduate Sedimentology (1987-90)– University of Houston, Houston, TX

**Professional Affiliations:** AAPG Member (1979 – present) HGS Member (1983 – present)



## Richard Howe

For more than 46 years, Richard G. Howe has practiced geology in various areas of geoscientific application which include petroleum geology, engineering geology, hydrogeology, and environmental

geology. Richard earned his B.S. in Geology from Lamar University in Beaumont, Texas and his Master of Geoscience from Texas A&M University in College Station, Texas. He is a former partner in Terrain Solutions, Inc. and is now the owner of Terra Cognita, LLC.

His work in petroleum geology has been primarily in the Mid-continent, East Texas, and the Gulf Coast of Texas. Richard's work as an engineering geologist has gained him a reputation as an expert on surface faulting along the Gulf Coast of Texas and Louisiana.

Richard is a member of AAPG (including its environmental division), AIPG, AEG, SEPM, and HGS.

Richard's life has been one of service to his community and to his profession. For almost 27 years he held an elected position as a director of a municipal utility district in northwest Harris County where he served as its president for more than 10 years. He previously served on the advisory committee for the University of Houston Downtown's geology program and has been serving on the advisory council for the Lamar University Earth and Space Sciences Department since the mid 1990s.

Since 1970, Richard's service to the Houston Geological Society has been substantial with his work on various committees and society field trips, technical meetings, and functions. He served on the HGS Board of Directors from 2007-2009 where he strongly advocated running HGS with sound business practices. He has had the honor of HGS and the Engineering, Science, & Technology Council of Houston (ECH) naming one of the Houston Museum of Natural Science summer internships for him in 2007. Richard is also a recipient of HGS' Distinguished Service Award and Honorary Life Award.

In 2008, he received the Floyd T. Johnston Memorial Award for Outstanding Geologist from the Texas Section of the Association of Environmental & Engineering Geologists (AEG).

Richard served as Vice President of the Engineering, Science, & Technology Council of Houston from 2003-2004 and as its President from 2004-2005. He was Vice President and President of the Houston Science and Engineering Fair respectively in 2005 and 2006.

Over the years, Richard has followed the water-related issues that impact the Houston Metropolitan Area and has been an advocate for sound water resource management and flood mitigation.

Richard is a Licensed Professional Geoscientist in both Texas (# 27) and Louisiana (#832). He is a Certified Professional Geologist with the American Institute of Professional Geologists (# 5191). Richard worked for passage of the Texas Geoscience practice Act and its subsequent renewals, which is very important to Texas geologists working in the non-mineral industries. The contribution he made to its initial passage is reflected in his license number, #27, which is one of the low numbers that were awarded to license holders who worked on the passage of the initial P.G. licensure bill. For the recent Sunset challenge, Richard testified before the Texas Sunset Commission and the Licensing and Administrative Procedures Committee for the Texas House in support of the Texas Board of Professional Geoscientists (TBPG).



## Gary Kowalczyk

### Experience

Prospect Generator

Contract Geologist 2015 - Present

- Since 2015, I have purchased a geologic workstation and software licenses to

Geographix, IHS Online Energy Portal and Neuralog in order to personally digitize raster logs. Utilized purchased well logs, completion data and production data to petrophysically analyze multiple producing reservoirs and to create maps and cross sections which identify production sweet spots and define high potential play extensions with superior economics.

EnerVest, Ltd. EnerVest, Ltd.  
Senior Geologist 2006 - 2015

- Completed a comprehensive geologic mapping project including the digital petrophysical log analysis of hundreds of vertical and recent horizontal oil and gas well completions in the Mancos / Gallup reservoir of the San Juan Basin. Presented the results and recommended to management an innovative drilling and completion option which has demonstrated superior production results within this reservoir.
- Prepared and presented detailed geologic maps and cross sections in support of the successful farm out of HBP Mancos / Gallup acreage in the San Juan Basin and the successful \$100+ million dollar divestiture of producing properties in the Anadarko Basin and the upper Gulf Coast Eaglebine play.
- Consistently ranked as a "key" employee by senior management at Enervest.

### Education

The University of Toledo

Master of Science (MS), Geology

Licenses & certifications

- Wyoming Professional Geologist #3164 Wyoming Professional Geologist #3164

### Volunteering

Houston Rodeo, Directions and Assistance Committee





## **Rosemary Laidacker**

Rosemary Laidacker is an AAPG Certified Petroleum geophysicist. She has served previously served as Forman of the Houston AAPG House of Delegates. Ms. Laidacker is an independent geophysical

contractor, most recently for a family trust. She has specialized in oil and gas prospect generation and development in the Gulf Coast both onshore and offshore, and has worked on many discoveries in Texas and Louisiana. She started her career with Cities Service Oil and spent time at Total Petroleum where she was District Geophysicist. She has a Master of Science degree in Geology/Geophysics from the University of Houston.

Rosemary is a long time member of the AAPG and has been an active volunteer for the HGS. She has already served three terms a member of the AAPG House of Delegates and as Foreman of the Houston HoD. Besides being a member of the Houston HoD, she currently serves as Co-Chair of the HGS Communications Committee. In recognition of her many volunteer contributions, she has won the HGS President's Distinguished Service Award and the Rising Star Award. Ms. Laidacker was Co-Field Trip leader for the HGS Sponsored Spindletop Field Trips for the 2014 and 2018 AAPG Conventions held in Houston.

As a member of the AAPG House of Delegates (HoD), I will actively work to increase the local HGS membership and the AAPG membership. I enjoy being involved with the HGS and AAPG organizations and would like to continue my involvement so I can contribute more to both. I want to represent the HGS local society as member of the AAPG House of Delegates. I ask for your support.

### **AAPG Volunteer**

Houston House of Delegates as a member and Foreman Spindletop Field Trip Leader for 2014 and 2018 AAPG Annual Conventions

### **HGS Volunteer**

Co-Chair HGS Communications Committee  
Chair, HGS Continuing Education  
Member of HGS Website and Flood Committees



## **Walter Light, Jr.**

### **Education/ Industry Affiliations:**

- Graduate of University of Texas – Austin, Bachelor of Science in Geology – 1977
- Active Member American Association of Petroleum Geologists (AAPG) 1977 to Present
- Trustee Associate of the AAPG Foundation 2010
- Alternate Delegate – AAPG House of Delegates (2009-2010)
- Delegate – AAPG House of Delegates of the AAPG (2010-2012)
- Former Director and 32+ year member Houston Producers Forum
- Current President Elect Houston Geological Society (2021- 2022)
- Former Director of Houston Geological Society (2008 – 2010)
- Active Member of Society of Independent Earth Scientists (SIPES)
- 40+ year Active Member: Houston Geological Society, South Texas Geological Society (San Antonio), Corpus Christi Geological Society

### **Major Oil Company Experience**

Sohio Petroleum Company subsequently acquired by British Petroleum. Petroleum Geologist under both corporate cultures and regimes. (1977 – 1979)

### **Independent Oil Company Experience - Incorporated Thunder Exploration, Inc. 1981**

Through his corporation, Thunder Exploration, Inc., Mr. Light has worked as an independent petroleum geologist with numerous privately owned and publicly traded oil and gas companies, working mostly South Texas producing trends and counties. This has involved using a full spectrum of skills and aptitudes required to generate and assemble oil and gas projects, negotiate oil and gas leases, conduct landowner relations, plan several 3-D surveys and plan, evaluate and cause dozens of wells to be drilled during his career. Other career highlights include several projects in the Eagle Ford Trend of South Texas. Through Thunder Mr. Light also actively purchases non-operated working interest positions in South Texas drilling prospects under numerous operators.

### **Additional Relevant Employment:**

JWR Exploration, Inc. Houston (1979 -1981)



## Dianna Phu

Dianna Phu studied geology and geophysics at the University of Houston and graduated with her BSc. in 2000. Dianna began her career as a shallow hazards specialist with Geoscience Earth

& Marine Services, Inc. (GEMS), working part-time while still in school and joining full-time upon graduation. In mid-2011 Dianna took on the role of Senior Geologist with Intecsea (now Advisian, part of the Worley Group) where she continues to support exploration and development projects around the world, collaborating with multi-disciplinary teams for site assessments and supporting engineering design from concept through installation. Dianna is a registered Professional Geologist (PG) in Texas and a Certified Petroleum Geologist (CPG). Dianna has a long history of volunteer service with the HGS, GCAGS, and AAPG, currently holding a Director position with the HGS and serving as a member of the Board of Certification for the AAPG's Division of Professional Affairs (DPA). Dianna previously served as an Alternate to the House of Delegates and would be honored to serve the society as an elected Delegate.

Robert holds a BS in Geology from Lamar University and an MBA from the University of Dallas. He is a Certified Geologist by the American Association of Petroleum Geologists (AAPG), the American Institute of Professional Geologists (AIPG), and the Society of Independent Professional Earth Scientists (SIPES), as well as a Registered Professional Geoscientist with the State of Texas. A seasoned Board and Advisory Board Member, he has held Board positions with Benchmark Oil & Gas AB, the Department of Space and Earth Sciences at Lamar University, and has served twice as Chairman of the Houston Chapter of SIPES, on its National Board of Directors, and as Chairman of the National Energy Advisory Council. In addition, he was a District 4 Representative for the AIPG, a Director of the Houston Geological Society, and a member of the House of Delegates for the AAPG.



## Robert Pledger

Robert Pledger is a highly accomplished Senior Executive, Entrepreneur, Consultant, and Board Member with more than 45 years of success in the oil & gas industry. Leveraging extensive hands-on

experience building and managing companies from the ground up, he is a valuable asset for organizations looking to drive growth and expansion through opportunity identification or joint ventures. His broad areas of expertise include P&L management, budgeting, forecasting, oil & gas operations, IPO, investor relations, and strategic planning.

Throughout his executive career, Robert has co-founded and held leadership positions at companies including Benchmark Oil & Gas Company, Energy Securities Corporation, St. Croix Resources, Inc., and Ashford Oil & Gas Company LLC, where he currently serves as President. He has been responsible for increasing production by more than 400% through supervision of workovers and recompletions of inactive wells to return them to production; reviewing and recommending acquisition of drilling opportunities or fields in Libya, Tunisia, Poland, Egypt, Texas, California, and Alaska for a public company listed on the NGM stock exchange, many of which were successful and profitable; and increasing reserves from \$13M to \$350M in value over eight years. As a Consultant, Robert has worked with numerous domestic and international companies to perform various technical studies and make recommendations on exploration and development potential. Prior to his executive career, Robert served in various units of the US Army including Airborne, artillery, and medical services.



## John Pritchett

John Pritchett is the former Vice President of Geosciences for Fieldwood Energy LLC. Prior to joining Fieldwood Energy Mr. Pritchett was a Board member and Vice President of Exploration and

Development for Nexen U.S.A. Prior to Nexen U.S.A. he was Vice President of Exploration at Woodside U.S.A. and BP plc. Mr. Pritchett has over 35 years of experience in upstream oil and gas exploration and development. Mr. Pritchett's career has given him the opportunity to not only lead business and exploration teams, but also serve in roles in Strategic Planning, Organizational Development, Mergers and Acquisitions and Human Resources.

Mr. Pritchett holds a Bachelor of Science degree in Marine Biology from Washington and Lee University.



## Deborah Sacrey

Deborah is a geologist/geophysicist with 45 years of oil and gas exploration experience in Texas, Louisiana Gulf Coast and Mid-Continent areas of the US. She received her degree in Geology from the

University of Oklahoma in 1976 and immediately started working for Gulf Oil in their Oklahoma City offices.

She started her own company, Auburn Energy, in 1990 and built her first geophysical workstation using Kingdom software in 1996. She helped SMT/IHS for 18 years in developing and testing the Kingdom Software. She specializes in 2D and 3D interpretation for clients in the US and internationally. For the past 10 years she has been part of a team to study and bring the power of multi-attribute neural analysis of seismic data to the geoscience public, guided by Dr. Tom Smith, founder of SMT. She has become an expert in the use of Paradise software and has seven discoveries for clients using multi-attribute neural analysis.

Deborah has been very involved in the geological community, having served as President of the Houston Geological Society, President of the Division of Professional Affairs of AAPG and President of the Society of Independent Professional Earth Scientists (SIPES). She has also served as Treasurer of the AAPG, and has been on the Advisory Council as a Gulf Coast representative from Houston.



## Scott Sechrist

For four decades Scott Sechrist has served as a field, interpretation, consulting, and supervising geologist and geophysicist in several organizations. Memberships include AAPG (CP Geologist

#6065, CP Geophysicist #90), SEG, SIPES #2503, GSH, and HGS. Activities have included SEG/OTC oral and poster judge, SIPES continuing education, GSH electronic publications and publicity committees, and Shrimp Peel Committee. HGS positions include Director, Vice President and Editor. Since 1978 he has served several companies as a geologist, geophysicist, geoscience consultant and as a chief geophysicist.

I am honored to have been asked to stand for reelection to represent Houston in the AAPG House of Delegates. For more than 40 years, I have admired the dedication of AAPG, members, officers, directors and employees to provide the very best in educational and professional development opportunities to the geosciences community. My participation in the AAPG, HGS and other local and national professional societies has provided lifelong friendships, continuing professional education and opportunities for volunteer service in the finest Local and National Geological Societies on the planet.

Representing my friends, colleagues and the entire AAPG membership through service in the House of Delegates is an important responsibility. It would be an honor for me to be reelected to continue to serve as a dedicated and involved member of the AAPG House of Delegates from the Houston Geological Society.



## Catherine Strong

Born in Hondo, Texas, Catherine Strong is a graduate of Texas A&M where she earned two degrees, Bachelor of Science in geology and Master of Science in geology, before joining the oil and gas industry as a Petroleum Geologist in 1982.

Ms. Strong's years in upstream oil and gas have resulted in technically diverse and geographically broad expertise in domestic, as well as, foreign areas. Most successful endeavors have been in Gulf of Mexico exploration, Gulf Coast exploration & production, and in technology development for Unconventional Resources. Ms. Strong also has significant experience in obtaining partner companies and in screening prospect and production opportunities.

Ms. Strong joined Red Willow Production Co., an affiliate of the Southern Ute Indian Tribe, in 2015 as the lead geologist in the Houston, Texas, office responsible for prospect, lease sale, and project development decisions in the deep-water Gulf of Mexico.

In 2015, Ms. Strong accepted early-retirement from ConocoPhillips after sixteen years with the company. During her tenure at ConocoPhillips in Houston, Texas, she served in director, technical advisor, and team-lead capacities for deep-water Gulf of Mexico exploration and in technology development for tight-gas-sand and shale unconventional resource plays. Prior to ConocoPhillips, Ms. Strong was a principal geologist with Vastar Resources (an affiliate of ARCO) for three years where she worked exploration in the deep-water and deep-shelf areas of the Gulf of Mexico.

Ms. Strong began her oil and gas career with the Hunt Family in Dallas, Texas, where she handled geological and team-lead duties for fourteen years at Petro-Hunt and Placid Oil, honing her skills in Gulf of Mexico, Gulf Coast, offshore California, and international assignments. Ms. Strong is a Licensed Professional Geoscientist in the State of Texas, and she is a member of American Association of Petroleum Geologists. Ms. Strong has been active with Texas A&M's Department of Geology & Geophysics Advisory Committee since its inception in 2006.





**Houston  
Geological  
Society**

# **MEMBERSHIP DUES INCREASE**

**EFFECTIVE FOR  
2022-2023 DUES**

**Active / Associate Members \$36**

**Emeritus Members \$18**

**Student Memberships still FREE**

Prices effective for all renewals &  
applications for the 2022-2023 year.

Thank you for your continued  
support and understanding.

Effective for all membership renewals and membership applications moving into the 2022-2023 fiscal year, HGS has slightly increased its membership dues. Moving forward, the new membership fees will be as follows:

- Active / Associate Memberships: **\$36.00**
- Emeritus Memberships: **\$18.00**
- Student Memberships are still **FREE**.

Dues for the upcoming year are not due until June 30, 2022.

The Houston Geological Society is a society with a global view. The HGS includes students, geologists, geophysicists and academic experts. Our objectives are to stimulate interest and promote the advancement of the geosciences, to disseminate and facilitate discussion of geological information, to enhance professional interaction among geoscientists, and to aid and encourage academic training in the geosciences. As an HGS member, you will receive special privileges, discounts, and priority event registration. If you are an active AAPG member, please support this society and become an active HGS member!

#### **Active Membership**

*In order to qualify for Active Membership, you must have a degree in geology or an allied geoscience from an accredited college or university or, have a degree in science or engineering from an accredited college or university and have been engaged in the professional study or practice of earth science for at least 5 years. Active Members shall be entitled to vote, stand for election, and serve as an officer in the Society. Active Members pay \$36.00 in dues (effective beginning for all 2022-2023 dues).*

#### **Associate Membership**

*Associate Members do not have a degree in geology or allied geoscience but are engaged in the application of the earth sciences. Associate Members are not entitled to vote, stand for elections or serve as an officer in the Society. Associate Members pay \$36.00 in dues.*

#### **Student Membership**

*Student membership is for full-time students enrolled in geology or an allied geoscience. Student Members are not entitled to vote, stand for elections or serve as an officer in the Society. Student Member dues are currently waived (free). Students will have a 24 month grace period after graduation. After a student graduates and receives a job, he/she must apply for Active membership to HGS.*

#### **Emeritus Membership**

*Members who attain the age of 65 and have been Active members of HGS for a minimum of 10 years may request Emeritus status by contacting the HGS office. Emeritus Members shall also be considered Active Members. Emeritus Members pay \$18.00 in dues (effective beginning for all 2022-2023 dues).*

Interested in becoming a member? Be sure to fill out a [Membership Application](#)!

We thank you for your continued support and greatly appreciate your understanding!  
2021-2022 HGS Board

# **CALL FOR ABSTRACTS!**



## **Norris Conference Center April 23-25, 2023**

Looking for speakers and posters on Gulf Coast  
petroleum geology, geophysics, green/environmental.  
Includes GOM Onshore, Offshore, Mexico and Caribbean.

[www.geogulf2023.org](http://www.geogulf2023.org)

**DEADLINE: DECEMBER 15, 2022**  
Email abstracts to [linda.sternbach@gmail.com](mailto:linda.sternbach@gmail.com)



DOMESTIC &  
INTERNATIONAL



## BIOSTRATIGRAPHY

**ANYTIME.  
ANYWHERE.  
ANY FOSSIL.**

*Complete paleo services*

*Largest single-source GoM  
database*

*Custom projects & mapping*

*Multiple fossil disciplines*



**P A L E O  
D A T A**

**504-488-3711  
PALEODATA.COM**

**NEW ORLEANS, LA**



## THUNDER EXPLORATION, INC.

Celebrating 30+ years of prospect  
generation and exploration in the  
following South Texas plays and trends.

Frio	San Miguel	Edwards
Jackson	Austin Chalk	Pearsall
Yegua	Eagle Ford	Sligo
Wilcox	Buda	Cotton Valley
Olmos	Georgetown	Smackover

Thunder is currently seeking non-operated working  
interest participation in projects and prospects.

**Contact Walter S. Light Jr.  
President/Geologist**

713.823.8288

EMAIL: wthunderx@aol.com



**RAPTOR**  
CONSULTING, INC.

**Maximizing production  
while minimizing cost**

Raptor Consulting can help you improve  
efficiency on your next drilling project!



- Well Site Geology
- Geochemical Analysis
- Geosteering
- Performance Analytics



**RaptorConsulting.com**

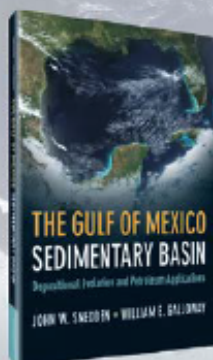
## THE GULF OF MEXICO SEDIMENTARY BASIN

Depositional Evolution and Petroleum Applications

JOHN W. SNEDDEN

WILLIAM E. GALLOWAY

HARDBACK \$94.99 \$75.99\*  
ISBN: 9781108619024



A comprehensive and richly  
illustrated overview of the Gulf  
of Mexico Basin, including  
its reservoirs, source rocks,  
tectonics and evolution.

**\*20% DISCOUNT FOR HGS MEMBERS**

USE CODE SNEDDENHGS AT CHECKOUT ON [WWW.CAMBRIDGE.ORG](http://WWW.CAMBRIDGE.ORG)



**CAMBRIDGE  
UNIVERSITY PRESS**

## HGS Bulletin Instructions to Authors

**All materials are due by the 15th of the month, 6 weeks before issue publication.** Abstracts should be 500 words or less; extended abstracts up to 1000 words; articles can be any length but brevity is preferred as we have a physical page limit within our current publishing contract. All submissions are subject to editorial review and revision.

**Text** should be submitted by email as an attached text or Word file or on a clearly labeled CD in Word format with a hard copy printout to the Editor.

**Figures, maps, diagrams**, etc., should be digital files using Adobe Illustrator or Adobe Photoshop. Files should be saved and submitted in .ai, .eps, .tif or .jpg format. Send them as separate attachments via email or CD if they are larger than 5 MEGs each, accompanied by figure captions that include the file name of the desired image. DO NOT EMBED them into your text document; they must be sent as separate files from the text. DO NOT USE POWERPOINT, CLIP ART or Internet images (72-DPI resolution) as these do not have adequate resolution for the printed page and cannot be accepted. All digital files must have 300-DPI resolution or greater at the approximate size the figure will be printed.

**Photographs** may be digital or hard copy. Hard copies must be printed on glossy paper with the author's name, photo or figure number and caption on the back. Digital files must be submitted in .tif, .jpg, or .eps format with 300-DPI or greater resolution at the printing size and can be accompanied by figure captions that are linked by the file name of the image. The images should be submitted as individual email attachments (if less than 5 MB) or on CD or DVD.

### HGS Bulletin Advertising

The *Bulletin* is printed digitally using InDesign. Call the HGS office for availability of ad space and for digital guidelines and necessary forms or email [ads@hgs.org](mailto:ads@hgs.org). Advertising is accepted on a space-available basis. **Deadline for submitting material is 6 weeks prior to the first of the month in which the ad appears.**

Random Inside Ad Placement Black & White Prices Shown – Color add 30% to prices below					Specific Page Color Ad Placement					
No. of Issues	Random Eighth Page	Random Quarter Page	Random Half Page	Random Full Page	Inside Front Cover Full Page	Inside Back Cover Full Page	Page 2 Full Page	Outside Back Cover Half Page	Back of Calendar Full Page	Calendar Quarter Page
10	\$950	\$1,350	\$2,550	\$4,750	\$8,000	\$7,500	\$7,050	\$6,850	\$6,650	\$3,000
9	\$800	\$1,300	\$2,500	\$4,700						
8	\$750	\$1,250	\$2,250	\$4,300						
7	\$600	\$1,100	\$2,200	\$3,850						
6	\$550	\$950	\$1,800	\$3,500						\$2,000
5	\$500	\$800	\$1,600	\$3,000	\$4,700	\$4,500	\$4,350	\$4,000		
4	\$450	\$650	\$1,300	\$2,500						
3	\$300	\$550	\$950	\$2,000						\$1,000
2	\$250	\$400	\$700	\$1,500						
1	\$150	\$250	\$450	\$1,000	\$1,500	\$1,400	\$1,250	\$1,000	\$1,250	\$850
Professional Directory Section Business Card Ad: 10 Issues – \$160 (\$30 for each additional name on same card)										

### Website Advertising Opportunities

There are currently 5 opportunities to help spread the word about your business or event and generate traffic to your website or campaign. Please submit all ad materials five (5) days prior to the go-live date for testing.

Placement	Rate	Specifications/Description
HGS Website Home Page Banner Ad	\$800 – Monthly	275 x 875 pixels; home page top banner ad. All Home Page Banner Ads rotate every 10 seconds.
	\$1800 – 3 Months	
	\$2800 – 6 Months	
	\$3600 – 12 Months	
HGS Website Home Page Column Ad	\$700 – Monthly	200 x 400 pixels; home page right column ad
	\$1500 – 3 Months	
	\$2400 – 6 Months	
	\$3600 – 12 Months	
HGS Website Event Page Ad	\$600 – Monthly	200 x 400 pixels; calendar page left column ad. All Event Page Ads rotate every 10 seconds.
	\$1200 – 3 Months	
	\$1600 – 6 Months	
	\$2600 – 12 Months	
Geo-Jobs	\$50 – 14 days	Posting of job opportunities on HGS website. Click the Geo-Jobs tab to get started. Must be filled out completed and the dates set appropriately.
	\$100 – 30 days	
	\$300 – 3 Months	
	\$600 – 6 Months	
Vendor Corner	\$1200 – 12 Months	Company logo, company website, and company description will be highlighted on HGS Calendar website event. This is an opportunity to display company wares, gain personnel exposure and hand out product information at HGS dinner meetings.
	\$250	
	*4 Pack option with 1 FREE bonus event for \$1000.00 available. Send request to <a href="mailto:vendorcorner@hgs.org">vendorcorner@hgs.org</a> .	
Event/Short Course Calendar Ad	\$100 – Monthly	An event ad posted within the HGS website calendar under the Events tab.
Bundle & Save!	<ul style="list-style-type: none"> <li>• 30% off website ads when combined with print ads in all 10 HGS <i>Bulletin</i> issues.</li> <li>• 20% off website ads when combined with print ads in 5 HGS <i>Bulletin</i> issues.</li> <li>• 10% off website ads when combined with print ads in 3 <i>Bulletin</i> issues.</li> </ul>	



## APPLICATION TO BECOME A MEMBER OF THE HOUSTON GEOLOGICAL SOCIETY

### ***Qualifications for Active Membership***

- Have a degree in geology or an allied geoscience from an accredited college or university; or
- Have a degree in science or engineering from an accredited college or university and have been engaged in the professional study or practice or earth science for at least five (5) years.

### ***Qualifications for Associate Membership (including students)***

- Be involved in the application of the earth or allied sciences.
- Be a full-time student enrolled in geology or in the related sciences.

**Apply online at [www.hgs.org](http://www.hgs.org) and click "Join HGS". Annual dues expire each June 30.**

**Annual dues are \$36; Emeritus members pay \$18; Students are free.**

**To the Executive Board:** I hereby apply for membership in the Houston Geological Society and pledge to abide by its Constitution and Bylaws.

Full Name \_\_\_\_\_ Membership Type (choose one): Active Associate Student

Current Email (for digital Bulletin & email newsletter) \_\_\_\_\_

Phone \_\_\_\_\_

Preferred Address for HGS mail \_\_\_\_\_

Employer (required) \_\_\_\_\_ Job Title (**required**) \_\_\_\_\_

Will you volunteer? (Y/N) \_\_\_\_\_ Committee choice: \_\_\_\_\_

Active & Associate membership for one year (July 1st - June 30th) \$36.00 \_\_\_\_\_

Student membership \$0.00 \_\_\_\_\_

\*OPTIONAL\* Scholarship Contributions: Calvert/HGS Foundation-Undergraduate \$5.00 \_\_\_\_\_

**Total Remittance** \_\_\_\_\_

### **Payment**

Check # \_\_\_\_\_

Credit Card: V MC AE Discover Credit Card #: \_\_\_\_\_

CVC Code (**required**) \_\_\_\_\_ Expiration (mm/yy) \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Company \_\_\_\_\_ Company Street Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Postal Code \_\_\_\_\_

School (**required**) \_\_\_\_\_ Major (**required**) \_\_\_\_\_

Degree (**required**) \_\_\_\_\_ Year Graduated \_\_\_\_\_

School (*optional*) \_\_\_\_\_ Major (*optional*) \_\_\_\_\_

Degree (*optional*) \_\_\_\_\_ Year Graduated \_\_\_\_\_

Years Work Experience (**required**) \_\_\_\_\_

Please submit a brief statement regarding your work experience in the practice or application of earth science or an allied science.

AAPG Member Number \_\_\_\_\_ HGS Sponsor's Name \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_



# Professional Directory

<p>Consulting, Evaluate Prospects: USA and International Seeking Prospects: Texas</p> <p><b>Victor H. Abadie III</b> Consulting Geologist</p> <p>650.201.0528 • vic@montara.com Post Office Box 81, Montara CA 94037-0081 AAPG/DPA, SIPES, Calif. Reg. Geologist, Tex. Reg. Geologist</p>	 <p><b>Paul W. Britt</b> Geologist, P.G., C.P.G.</p> <hr/> <p>Houston, Texas</p> <p><b>Geological &amp; Geophysical Consulting</b> <i>Petra Consulting and Training</i> <i>Kingdom Seismic Interpretation</i></p> <p>713-651-0004      pbritt@texlore.com www.petrauser.com      www.texlore.com</p>
 <p>Integrated Prospect Generation, Regional Mapping, Sequence Stratigraphy, Property Evaluations US Onshore and Gulf of Mexico</p> <p>Tim Powell Timp854@gmail.com 832-217-5650</p> <p>3429 Tahoma Trail College Station, Tx 77845</p>	 <p><b>THUNDER EXPLORATION, INC.</b></p> <p><b>WALTER S. LIGHT, JR.</b> PRESIDENT PETROLEUM GEOLOGIST</p> <p>P.O. BOX 541674      US MOBILE: +713 823 8288 HOUSTON, TEXAS      UK MOBILE: +44 (0)794 755 1693 77254-1674      EMAIL: wthunderx@aol.com</p>
 <p><b>METAROCK</b> LABORATORIES</p> <p>2703 Highway 6 S, Suite 280A Houston, TX 77082 Tel 713-664-7916 Cell 832-287-8320 Fax 832-415-0358 zach@metarocklab.com www.metarocklab.com</p> <p>Zach Arasteh Business Manager</p>	<p>Website • Brochure Ad • Logo • Catalog Newsletter Design</p>  <p><b>Lisa Krueger Design</b> <i>Design and Art Direction for Print and Web</i> LisaKruegerDesign.com 713.664.7267</p>

**Advertise your Business Card!**  
**\$175 per 10 Issues**

**Contact:**  
**713-463-9476 or office@hgs.org**

## HGS WELCOMES NEW MEMBERS

---



## New Members Effective May 2022

Rachel Lishansky

Tomasz Ochmanski

Mary Trapp

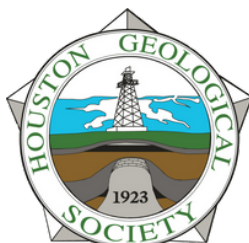
Peter Eick

Thomas Howard

Matthew Jurik

Joe Termina

Chris Fletcher







# *Houston Geological Society*

14811 ST. MARY'S LANE, SUITE 250  
HOUSTON, TX 77079

Contact Us  
713.463.9476  
[office@hgs.org](mailto:office@hgs.org)