

2018 ANNUAL REPORT

— For the Fiscal Year July 1, 2017 to June 30, 2018 —

The American Association of Petroleum Geologists

The American Association of Petroleum Geologists was founded in 1917 during the infancy of the petroleum industry.

Today the Association has approximately 30,000 members worldwide. Through its headquarters staff, AAPG provides many membership services and strives to facilitate advancement of knowledge in petroleum geology through publications and education programs.

The monthly *AAPG Bulletin* is widely considered a leading scientific journal in petroleum geology. The *AAPG Explorer*, a monthly tabloid, is the Association's vehicle for timely information and insights into the industry in general. The AAPG Web site, located at www.aapg.org, provides association and professional information.

The Association also publishes special scientific publications and research data, provides student scholarships, presents highly regarded education programs and schools for professional geologists, and offers a program of distinguished lecturers to organizations and communities.

AAPG was founded, and continues, as a scientific organization dedicated to

- Advancing the science of geology, especially as it relates to petroleum, natural gas, other subsurface fluids, and mineral resources

- Promoting technology for exploring for, finding, and producing these materials in an economically and environmentally sound manner

- Fostering the spirit of scientific research throughout its membership

- Disseminating information relating to the geology and associated technology of petroleum, natural gas, other subsurface fluids, and mineral resources

- Inspiring and maintaining a high standard of professional conduct on the part of its members

- Providing the public with means of recognition of adequately trained and professionally responsible petroleum geologists

- Advancing the professional well-being of its members

AAPG does not “speak” for the oil industry, but for its individual members—explorationists who seek and find hydrocarbon resources.

Founders of AAPG

William F. Absher
Walter J. Allen
J.M. Armstrong
F.L. Aurin
R.F. Baker
John G. Bartram
Mowry Bates
C. Max Bauer
Albert L. Beekly
Walter R. Berger
W. Grant Blanchard
Ed Bloesch
James P. Bowen
Robert Wesley Brown
Alan Bruyer
Frank Bryan
H.A. Buehler
George E. Burton
Frank Buttram
W.R. Calvert
Everett Carpenter
Albert S. Clinkscales
R.A. Conkling
Clifton S. Corbett
G.H. Cox
E.J. Cragoe
A.F. Crider
C.L. Cumming
Edward Hardin Davis
L.R. Dawson
Charles E. Decker

E. DeGolyer
Alexander Deussen
W.E. Dodge
L.G. Donnelly
N.F. Drake
H.D. Easton
Charles R. Eckes
A.E. Fath
Otto A. Fischer
F. Julius Fohs
Thomas J. Galbraith
James H. Gardner
D.L. Garrett
Robert E. Garrett
H.B. Goodrich
Charles N. Gould
Frank C. Greene
Dorsey Hager
Chester A. Hammil
Burton Hartley
Huntsman Haworth
R.S. Hazeltine
K.C. Heald
Bryan Hendon
John M. Herald
Earle P. Hines
Charles W. Honess
Joseph S. Hook
J.V. Howell
Richard Hughes
V.H. Hughes

L.L. Hutchison
C.E. Hyde
Harry R. Johnson
William Kennedy
Grady Kirby
Charles T. Kirk
William C. Kite
Marvin Lee
Raymond Leibensperger
J. Whitney Lewis
Harve Loomis
Hugh J. Mackay
Alex W. McCoy
Edgar W. McCrary
A. Stafford McCullough
H. Harper McKee
M.G. Mehl
George H. Meyers
William J. Millard
V.E. Monnett
Raymond C. Moore
Francis P. Mully
M.J. Munn
Jerry B. Newby
D.W. Ohern
E.C. Parker
Irving Perrine
G.C. Potter
Sidney Powers
Wallace E. Pratt
Sylvan S. Price

Forest R. Rees
Robert J. Riggs
Charles H. Row
Paul Ruedemann
J.M. Sands
E.W. Scudder
C.L. Severy
C.W. Shannon
Walter M. Small
Carl D. Smith
L.B. Snider
L.C. Snider
W.C. Spooner
Dean M. Stacy
Charles H. Taylor
J. Elmer Thomas
L.E. Trout
Johan A. Udden
Herbert N. Uri
M.M. Valerius
W.A.J.M. van Water
school van der Gracht
V.V. Waite
Lucian Walker
K.D. White
Earl V. Whitwell
A.J. Williams
E.G. Woodruff
W.E. Wrather
Harry F. Wright

These names are taken from the bronze plaque in the AAPG Headquarters building, Tulsa, Oklahoma, dedicated on March 20, 1953, to the Founders of the Association—Lawrence Tenney Stevens, sculptor.

Reports of the Officers, Advisory Council, and House of Delegates

President

Backdrop: Observations as AAPG Begins our Second Century

- Significant new energy resources are coming from mature areas revitalized by hydraulic fracturing in horizontal wells and enhanced seismic imaging.
- A large part of the world lives in energy poverty. Where energy is abundant, there are choices.
- Clean burning natural gas is the fuel of the future, and where it replaces less efficient fuels our industry is making great strides in environmental stewardship.
- Many of AAPG's most experienced members are retiring or switching corporate roles.
- New technology requires new skill sets for our geoscience workforce.
- Technological efficiencies and reduced investment mean more work done by fewer people
- Information technology is revolutionizing AAPG's ability to share intellectual property
- AAPG products and services must be more relevant than ever to compete for corporate budgets
- AAPG excels at practical business integration of geoscience and professionalism.
- By AAPG maintaining close ties with industry, academia, and government, we all advance

Our goals this year were to focus on relevant energy content, AAPG membership, and financial stewardship. The captioned topics below, support these goals.

Super Basins: A New Way of Thinking

The paradigm of "super basins" has gained momentum throughout AAPG and our industry. This year, my first column in the July 2018 *EXPLORER* talked about the possibility of a new content theme based on the largest petroleum provinces in the world. Prior to that column, super basins programs didn't exist at AAPG. They were a vision of what might come to be. The concept

of super basins – a new way of thinking – combines geoscience architecture, infrastructure and above-ground issues. Understanding how geoscience matters

in re-energized basins so that these insights might benefit geoscientists and basins around the world is a conversation AAPG intends to lead.

Statement of Income and Expenses

	General Fund FY 2016-17	General Fund FY 2017-18	Budget FY 2017-18
Operating Income			
Dues	\$1,949,420	\$1,794,398	\$1,530,390
BULLETIN Subscriptions	220,119	239,165	256,782
Advertising Income	885,633	790,896	824,965
Sales of Publications	919,326	935,708	1,060,356
Interest and Dividends	437,120	367,510	250,000
Investment Income from NAPE	446,818	526,164	525,000
Investment Income - Other	848,617	780,172	825,000
Education and Misc. Service Fees	908,679	2,582,926	2,795,824
Conferences and Meetings	5,916,934	6,796,351	7,473,633
Page Contributions	2,435	1,168	1,503
Gain (Loss) on Datapages	593,437	35,744	169
Gain (Loss) on International Pavilion	51,852	(50,493)	-
Grant Income	1,020,209	672,691	751,901
Miscellaneous	288,754	63,541	130,001
TOTAL OPERATING INCOME:	14,489,353	15,535,941	16,425,524
Operating Expenses			
Salaries	4,131,874	3,881,727	4,234,218
Employee Benefits	1,835,073	1,791,549	1,664,419
Publishing Cost of BULLETIN	201,367	241,807	188,063
Publishing Cost of EXPLORER	138,007	138,905	125,000
Cost of Special Publications Sold	135,481	159,847	103,063
General Office Expense	682,362	742,443	820,792
Postage and Shipping	353,862	267,202	287,178
Building Expense	267,150	268,517	281,873
Professional Fees	1,861,270	1,551,246	1,448,151
Staff Travel	256,262	263,340	245,547
Professional Travel	791,989	581,949	1,012,336
Conferences and Meetings	3,305,514	5,194,457	5,114,157
Depreciation	159,689	153,067	131,699
AGI Dues	(9,156)	26,844	27,784
Meeting Presence / Display	9,532	714	5,887
Miscellaneous Grants and Awards	89,831	90,648	89,195
Miscellaneous	471,775	774,011	644,776
TOTAL OPERATING EXPENSES:	14,681,882	16,128,273	16,424,138
Income (loss) from Operations	\$(192,529)	\$(592,332)	\$1,386
BALANCE SHEET SUMMARY			
Assets	\$18,800,660	\$20,054,135	
Liabilities	6,989,231	7,960,057	
Fund Balance	11,811,429	12,094,078	
Total Liabilities and fund Balance	\$18,800,660	\$20,054,135	

The figures reflected above in the FY 2017-2018 are preliminary, as the financial audit, and the financial audit of all the required affiliates and subsidiaries, had not been completed at the time this statement went to print.



Super Basin Presenters, March 2018

Fryklund, Pete Stark, IHS market research paper, 2016.).

AAPG's focus on how geoscience matters enables us to make the case to CEOs and industry leaders that geoscientists are the foundation of any successful energy company. Super basins are relevant for our times and I believe for many decades to come. Thank you to the Corporate Advisory Board for their support and engagement this year.

AAPG hosted the inaugural Global Super Basin Leadership Conference (GSBLC) March 27-29, 2018 in Houston. Most of the 270 attendees of this quick to market conference were global high-level decision makers (managers, CEOs). This program featured experts from around the globe on the world's most energy rich basins. In Malcolm Gladwell's book *Outliers: The Story of Success* he writes that 10,000 hours of practice is required to achieve the level of mastery associated with being a world-class expert. Each speaker at GSBLC had more than 10,000 hours in their particular basin or topic so that this conference presented world experts on the world's biggest basins in one time and place. The result was a diverse discussion from varied cultures and companies that allowed participants to learn from all the basins and to anticipate actionable intelligence for individual basins.

We held a Super Basin Forum at ACE in Salt Lake City on May 21, 2018. This program had more than 500 attendees – the largest attended session. AAPG hosted an invited session for the European Association of Geoscientists and

Engineers (EAGE) on June 13, 2018 (Copenhagen, Denmark), featuring Europe and North Africa super basins (300 attendees). As of this writing AAPG's branding of super basins has occurred in multiple venues. This included a session on South American Basins for INGPET October 3, 2018 in Lima Peru (800 attendees); a session on Global Super Basins by Women Leaders in Major Companies October 29, 2018 (800 attendees); and a session on African and Middle East Basins November 5, 2018 for ICE Cape Town (Nosa Omorodion, co-chair).

Future events include a Jan 22-24, 2019 conference in Houston to feature a "deep dive" on the Permian Basin of West Texas, prototype for onshore unconventional super basin success (Mike Party president-elect and I, co-chairs) and a special session August 27-30, 2019 on Latin American super basins at ICE in Buenos Aires, Argentina (myself and Chandler Wilhelm, co-chairs).

Bulletin Articles

In March 2018, the AAPG Bulletin launched the Global Super Basin initiative. Global experts on the world's richest basins have been proactively recruited to submit articles to the *AAPG Bulletin*. We have 10-15 papers committed. These should appear in the months and years ahead. Thank you to AAPG Editor Barry Katz and the *Bulletin* staff for supporting this initiative.

The Work That Awaits

While many super basins are experiencing an energy renaissance, others are in "standby" mode. Technical commonalities, actionable intelligence of basins that look like other basins and the ability to spot opportunities will be the focus of future effort. And, perfecting techniques in re-energized basins is still in the early phases and far from over. Super basin programs are producing actionable insights on many areas awaiting investment and talent and AAPG geoscientists will pave the way!

Results Matter

Our FY 2018 goals were increased energy-relevant content, member engagement, and financial strength. A few words on financial strength. We have made difficult decisions reducing expenses by more than \$700,000 this year. Professional and headquarters travel budgets are down 45%. We also looked at ways to increase recurring revenues which included successful efforts to market AAPG intellectual property. We implemented a dues raise, retired long-term obligations (staff pension), eliminated programs that lacked good business plans, and worked to increase the profitability of ACE and ICE meetings.

Our leadership team made difficult choices. We focused on prioritizing programs and resources to those with the most positive membership impact. Our goal was to "pay it forward" so that AAPG would be financially sustainable with a budgetary surplus in the near future. Special thanks to Marty Hewitt, Dan Schwartz, Barry Katz, John Hogg, Paul Britt, Denise Cox and FY 2017-19 executive committees.

ICE 2017 London and ACE 2018 Salt Lake City

ICE October 2017 London was an outstanding technical program. Thanks to the organizers! My presidential address was "Geoscience Unites Us." While we may live in different parts of the globe and speak differing native languages, explorers all share the common language of maps and cross sections. <https://www.youtube.com/watch?v=oCLc-aDXbQk>

My hat is off to Michael Vanden Berg, Annual Convention and Exhibition (ACE) general chair, Lauren Birgenheier, technical program chair and their team for organizing the event around the theme "ACE 101: Bridging Fundamentals and Innovation." The meeting was held May 20-23, 2018 in Salt Lake City Utah. There



ACE 2019 Organizing Committee

were seven special sessions, all highly attended. Other highlights include 13 field trips, an incredible core display (massive in scale). Kudos to the committee for connecting Great Salt Lake microbialite outcrops as analogs to pre-salt reservoirs in Brazil and along the Atlantic conjugate margins.

AAPG's future lies in our younger members. Take a good look at the committee organizing this year's ACE. So extraordinary leaders with bright futures! I want to thank the entire team and I am proud of them all for stepping forward to lead.

New Resources for Explorers on AAPG Web Page: Never Stop Exploring!

An amazing video and archival celebration of AAPG's first 100 years is now available online, and it's a page that every member will want to visit again and again. AAPG's 100th Anniversary website, including the historic video interviews comprising the GeoLegends sessions, can be found either through a link on the AAPG homepage (under "Resources"), or by going directly to 100Years.aapg.org.

There you'll find the results of work that has been in progress for more than a decade, involving a large number of dedicated AAPG Members who helped provide content for a website that celebrates the past even as it inspires future generations of petroleum geoscientists. A personal note: I served as the founding chair of the committee that helped define the project's vision under the 100th Anniversary Committee, but the work you'll find was largely possible through the efforts of past AAPG president Paul Weimer and 2017 Michel T. Halbouty Outstanding Leadership Award recipient Ed Dolly.

The 100th Anniversary website includes video presentations from the wildly

successful Discovery Thinking Forums that have been offered at our ACE annual conventions and ICE international conferences. I've been personally involved in this part of the project and I know firsthand that the speakers who are featured are among the industry's most amazing explorers.

The century's "Top 100 Papers" is a list that includes the geoscience's seminal papers, overseen by past AAPG president Randi Martinsen. The "Top 100 Field Trips," were compiled by past AAPG president Steve Sonnenberg, and former AAPG executive director Rick Fritz.

And, perhaps the site's most impressive feature are the GeoLegends interviews, a series of 50 videos with 62 key geoscientists who made game-changing discoveries and significant scientific contributions to the profession and industry, all of whom describe their thinking and the efforts that brought success. Produced by Weimer and Dolly, those interviewed include 16 Sidney Power Memorial awardees, 4 Michel T. Halbouty Outstanding Leadership Award recipients and 8 winners of the Norman H. Foster Outstanding Explorer Award. The entire site is filled with information that is intriguing, inspiring, and, best of all, an important resource to help enhance your value as a geoscientist.

We also launched an exciting new *EXPLORER* website in December, which can be found at Explorer.AAPG.org. Additional multimedia resources include the following.

Discovery Thinking forums, 2008: They first appeared at AAPG's Annual Convention and Exhibition, then at the International Conference and Exhibition in 2012. Ten years ago, I (and others) made a promise, to spotlight 100 who made a difference with a sustained program of talks on the greatest discoveries by those who know them well. In retrospect, we were "way out over our skis," so to speak to

make such a bold promise. Today we have exceeded that promise with 115 authors and coauthors. Over the decade we estimate 10,000 total attendees and tens of thousands of video views. To see many of these talks for yourself, visit AAPG.to/DiscoveryThinkingVideos.

Playmakers (DPA), 2012: We have had 11 one day events – three times in Houston, twice in Midland, and in London, Calgary, Pittsburgh, Bakersfield, Denver, and Oklahoma City. We thank organizing chairs, who include AAPG past presidents John Hogg, Steve Sonnenberg, and AAPG president-elect Mike Party and about 140 presenters. To see previous Playmaker talks, visit AAPG.to/PlaymakerVideos.

Leadership Days

In November 2017, AAPG leaders met for a working weekend at the University of Houston campus. In addition to handling important aspects of AAPG's mid-year business, this was an opportunity to share best practices through committee cross talk, benchmark bright spots, and set goals to improve impact and profitability. This also was an opportunity for AAPG to "tune up" our content engines, which consist of 33 committees, 10 Special and Technical Interest Groups, 4 Divisions, 6 Sections, and 6 Regions. These are all content engines (CE) that need to optimize both impact and financial outcomes.

We selected the University of Houston because it is an energetic and forward-looking venue connecting AAPG to a larger multidisciplinary energy community with excellent public outreach opportunities. The AAPG program included more than 50 students. We thanked each of AAPG's committee chairs or representatives for sharing news and goals about their committees, highlights and new ideas on how we can work together. Alan Wegener of AAPG staff summarized "What's going right at AAPG!" This morale booster was informative, uplifting, and well timed. A positive tone was appropriate in light of all that has been accomplished by the remarkable men and women of AAPG staff.

Allyson Anderson Book (executive director of AGI), Steve Sonnenberg, (AAPG past president), and Denise Cox (AAPG president-elect) spoke on future work force trends. My remarks focused on how AAPG members help provide abundant and affordable energy that positively impacts our environment and economy. Super basins drive sustainability and security – an important part of AAPG's future. (Link to presidential comments:

<https://www.youtube.com/watch?v=15uFUySQjll>

HOD engaging membership recruit and retain

This year the EC voted to give the House of Delegates (HOD) responsibility for membership recruitment and retention efforts. House Leaders Dave Entzminger, Bill Houston, Bill Stephens, Cheryl Desforges, Mike Party and others are looking at ways to expand this important initiative.

AAPG already does a lot with membership. Imperial Barrel Awards, Student Chapters, Distinguished Lecture Program, and Visiting Geoscientist Program (10,000 visits a year!). I have spoken to thousands of students this year at many universities. My message: "Be a part of the energy solution; be a lifelong learner (AAPG education can help); and engage in your professional societies at a local and AAPG level". Say yes to membership and lifelong participation! I am pleased that AAPG Leadership Days summit was held on the U of H campus.

Section Meetings are the first contact many students and early career leaders have with AAPG. AAPG initiated well received leadership breakfasts at section meetings to help connect to future leaders. And, we are personalizing our messaging to reach out to the value AAPG provides to each age group.

Communicating the Value of AAPG Globally to the C-Suite

This year, in March 2018, as a result of our work with long term AAPG members Bob Fryklund and Pete Stark on super

basins (special thanks also to Dan Yergin), I was pleased to lead a delegation of current and future AAPG leaders at the CERA conference (Cambridge Energy Research Associates). An extended AAPG team presence at CERA Week was very important for our industry and included members of the AAPG Corporate Advisory Board. I am thankful to all and particularly appreciative of the thoughtful leadership of Bill Maloney, Rick Fritz, Susan Cunningham and Bobby Ryan.

AAPG needs to tell CEOs that geoscience is foundational. As I listened in on the CERA Week special topic sessions, I realized that all these investors, financial analysts, CEOs, engineers, regulators, government officials and policy advisers wouldn't be here discussing energy if it were not for the geoscientists who are the foundation of their industry. I would say to any CEO "that the application of geoscience to find, develop and produce oil and gas is the primary building block of any company. AAPG can offer your team knowledge-enhancing insights, constructive debate, a large and unique database plus access to one of the world's largest professional geological networks."

I thanked Houston mayor Sylvester Turner personally for his leadership during Hurricane Harvey, which affected many AAPG members in the Gulf Coast region last August. I was able shake hands with many of the CERA Week attendees and tell them about AAPG. I was interviewed by IHS vice president Bob Fryklund and I talked about the value of AAPG to geoscientists and I am pleased this video is publicly available on the CERA Week website (visit Ondemand/CERAWeek.com and search "Sternbach").

What Next?

During my year as AAPG president, my Executive Committee was used to hearing my common refrain, "What next?"

Enhanced focus on petroleum-based content in publications and conferences: I call this "Going Where the Energy is." Petroleum is our lifeblood. Where oil and gas flow so do the fortunes of our members. Our industry and way of life depend on hydrocarbons. We must lead the way in technology transfer needed to find and produce energy. AAPG can also innovate by combining with other commercial interests in nonexclusive ways to promote AAPG content on new commercial grade platforms. During FY 2018 we worked with several companies to promote commerce for AAPG's intellectual property.

More focus on commerce: The goal here is to reach out not only to our members but the many more customers who participate in AAPG products and services. Finances enable us to improve these services and improve member benefits. We have enhanced the *EXPLORER* Web Page. The focus extends to business plans and global business offices. We also need greater relevance in our current commerce centers: Houston and London. AAPG has a commercial customer list of about 70,000 individuals who use AAPG products, services, publications, and meetings. About 30,000 of these are AAPG members. We say that AAPG's goal is to be indispensable to the petroleum industry – our products and services must reflect this and so must our marketing. AAPG needs to focus on better products and services and communicating those opportunities to the entire petroleum industry, not just our members. By increasing commercial revenue AAPG can improve its core products and services and ultimately drive new members to AAPG. Thus, members AND customers are both vital to AAPG's success.

The value of Houston and global industry centers: In my February 2018 *EXPLORER* column I wrote about the vitality of Houston. I believe AAPG's future lies in enhancing our efforts, events, and presence in locations like Houston, London, and other global cities where our members, sponsors, and industry resources prosper.

101 + Thanks For Our 101st Year, and Beyond!

You may have noticed that throughout my president's columns in the *EXPLORER* this year, I have mentioned many



The AAPG team at CERA week. Linda Sternbach, Bill Maloney (member AAPG Corporate Advisory Board), Charles Sternbach (AAPG president), Rick Fritz (AAPG past executive director), Mike Canich (candidate for AAPG president-elect) and Mike Party (candidate for AAPG president-elect)



Keepers of the Flame

A “keeper of the flame” has a sufficient desire and passion to continue to keep focused no matter what occurs. They continually bring the attention of the individual or organization back to what they need to be doing to create what is desired. We all have a duty to be keepers of the flame. The flame is service to others, pursuit of useful science and professionalism, and a duty to pass on to others a geoscience heritage better than we found it. Let us continue to dedicate ourselves to this mission.

Special Thanks to Linda Sternbach, my spouse, fellow geoscientist, and lifelong field trip partner

**Charles A. Sternbach, President,
2017-2018**

volunteers by name and shown many photos. That is by design! I have always believed that if you are given a spotlight, shine it on the good deeds of others!

By my count, my columns were able to individually recognize well over 100 incredible men and women geoscientists and leaders. So, let's just call it 101-plus in recognition of AAPG beginning our second century.

Thanks to the Executive Committee, AAPG volunteers, headquarters staff,

and to all of you for allowing me the opportunity to serve our membership and profession. Congratulations to FY 2019 EC members: president Denise Cox, president-elect Michael Party, vice president of regions David Cook, vice president of sections Jeff Aldrich, secretary Laura Mauro Johnson, treasurer Richard Ball, editor Barry Katz, and HOD chair Bill Houston.

Treasurer

Fiscal Year 2018 was another financially challenging year for the Association as the downturn in the oil and gas industry continues to impact meeting attendance, sponsorship and exhibitors that support the geosciences. Despite these trends, AAPG's programs and events performed well during the year. The strong financial performance of many of our events, as well as our continued focus to optimize our operations allowed for AAPG to finish favorable to budget for the year. While our Association still incurred a financial shortfall for the year, it was not as great as had been anticipated when we began the fiscal year.

Revenues from dues, advertising, and educational activities were all lower than the prior year. Our flagship annual convention, ACE (Salt Lake City), while a very successful meeting, generated less revenue than the ACE 2017 (Houston), though that was expected as Houston is often our largest ACE events in terms of attendance and industry support. The ICE (London) generated more revenue in FY 2018 than we enjoyed in 2017 at the ICE (Cancun). URTec and Geo in Bahrain were very successful events that assisted in supporting our better than expected financial performance for the year.

In FY2018, AAPG continued to benefit from our cooperative partner events, including the NAPE Expo and our interests in the Offshore Technology Conference. The NAPE event was up slightly as was the OTC. There was no IPTC event held in FY 2018.



AAPG's presence and participation in these partner events remains an important aspect of our activities and sources of revenue.

We continue to challenge ourselves and headquarters staff to be good stewards of our members' resources while delivering a high level of member benefits. Despite cost saving and expense reduction efforts, overall expenses for the year were higher than budget with much of this increase related to an increase in expense in generating revenue related to the events whose revenue was described above.

The AAPG Budget Review Committee and Executive Committee are continuing to evaluate AAPG's programs and activities to determine which activities should continue to be supported in these challenging economic times. With the ongoing economic constraints facing our Association, along with the business uncertainties facing the oil and gas industry, we continue to not only focus on cost savings, but also invest in programs that provide value to our members and promote our profession. Tulsa headquarters staff continues to review ways to reduce costs and improve efficiencies in operations as doing more with less remains a byproduct of the continued industry downturn.

We are actively working to properly position the AAPG investment portfolio to help the Association with deal with future economic uncertainties. The growth in the Association's investment portfolio during the year provided a larger financial reserve.

Looking forward to FY 2019, your Executive Committee expects a nearly breakeven year. We will continue to be prudent with our members assets while AAPG continues to serve its members and the geoscience community.

Richard Ball, CPG

Editor

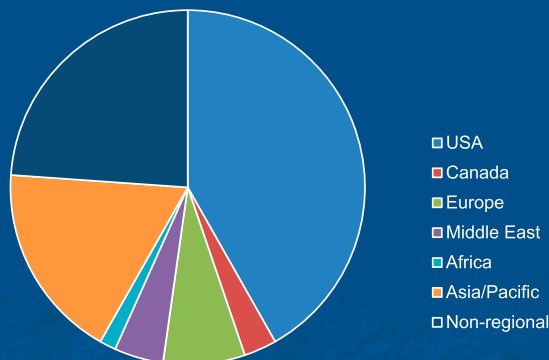
This was a record year for the *AAPG Bulletin*. We received 419 new manuscripts. For comparison purposes, 260 were received in 2016. A total of 2188 manuscript receiver requests were made and 829 reviews were completed. There were 616 individual reviewers. The average was 86.5 days to first decision, which breaks down to 66.6 days in review verses the 21-day target. Sixty-seven manuscripts were published, excluding the April 2017 issue (23 papers), which was part of the 100th

Anniversary present outcrop excursions special issue.

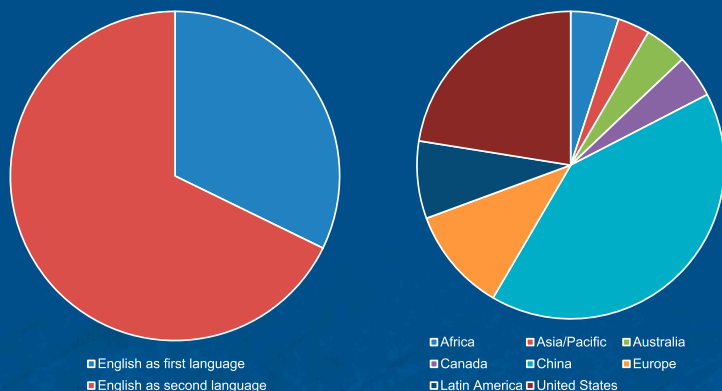
Special acknowledgment is given to the top 10 reviewers by number of reviews:

Jian Cao
Eugene Szymanski
Gary Muscio
Zhonghon Chen
Ian Ball
Lianbo Zeng
Dawei Lv
Jin Lai
Tongwei Zhang
Yuanjia Han

2017 Bulletin Coverage



Origin of Manuscripts



Advisory Council

Advisory Council Annual Report 2017-2018

Advisory Council members:

Paul Britt, Advisory Council chair and past president

John Hogg, 2nd past president

Randi Martinsen, 3rd past president

Jim McGray, HoD past chair

Jim Hill, DPA president

Douglas Wyatt, EMD president

Stephen Testa, DEG president

Stephen "Tony" Reid, Pacific Section

John Lorenz, Rocky Mountain Section

Craig Eckert, Eastern Section

Deborah Sacrey, Gulf Coast Section

Bill Whiting, Gulf Coast Section

Joe Davis, Southwest Section

Joel Alberts, Mid-Continent Section

Andrea Moscarillo, Europe Region

Ryan Lemiski, Canada Region

Mark Tingay, Asia-Pacific Region

Victor Vega, Latin America & Caribbean Region

Nosa Omorodion, Africa Region

Salim Al-Mahrouqi, Middle East Region

The Advisory Council is comprised of the three immediate past presidents of the Association, the three Division presidents, the past chair of the House of Delegates, and representatives from each of the Sections and Regions within AAPG. The past presidents serve three years on the Council renewable each year, Division presidents and HoD past chair serve one year, and the councilors have a three-year term. Of the 13 councilors, 8 were starting their first year, 2 were in their second year and 3 in their last year of their term.

This year we were supported by AAPG staff members Vicki Beighle and Karin Alyea, who put together our Honors and Awards and Officer Nominations books and assisted the chair and the secretary with minutes and agendas. On behalf of the entire Council I would like to thank them for their help and support throughout the year, along with director Vern Stefanic who was greatly engaged in the operations of the Advisory Council as well.

I would also like to recognize and thank the Alternates who sat in for councilors that were not able to make a meeting, Mick McWalter for Asia-Pacific and Anwar Al-Beaii for Middle East Regions. Their input was invaluable.

The Advisory Council formally met twice during the year: at AAPG president

Sternbach's mid-year business meeting in Houston, Texas in November 2017 and at the 101st ACE in Salt Lake City, Utah in May 2018. The mid-year business meeting was originally scheduled for early September in Houston, but Hurricane Harvey had other ideas and as a result the meeting was rescheduled to November.

At the mid-year business meeting, the Council reviewed and selected the 2018 officer candidates. The offices open for nominees at that time were president-elect, vice president sections and treasurer. Following approval by the Executive Committee, the officer candidates were announced on December 1st.

Other business at this meeting was the formation of a committee to review the stratigraphic and long-range plans of the Association and to incorporate the work done by the prior year committee and the Governance Committee report done the year before that. Councilor Ryan Lemiski offered to put together the framework of such a plan during coursework he was completing in an MBA program. That work was presented to the Council before the ACE meeting, and the committee review is ongoing into the current fiscal year.

Another proposal was put forth to review the Awards given at the annual honors and awards ceremony for style and cost considerations, as they have not been changed for many years. The Council as a whole reviewed the proposal and considered it for some time before choosing not to act on it this year, seeing more pressing matters.

One of last year's (2016-17) proposed bylaws change to limit the number of councilors from any one Section or Region to two rather than the current three, was approved by this year's Council, but did not make it onto the docket due to the large number of other bylaw proposed changes for the year coming from the EC and the HoD.

A review and update of the Advisory Council rules and procedures was commenced in the prior year under chair John Hogg. The R&P underwent considerable review and editing by the councilors and was presented and adopted by the Council at the mid-year meeting.

Per the procedural changes to the Council with last year's bylaws changes, president Charles Sternbach agreed to serve as the next AC Chair, and past presidents John Hogg and Paul Britt elected to continue to serve on the Council for the next year.

The meeting at ACE in Salt Lake City was primarily for the honors and awards selections. An exceptionally full book of nominees were considered, and the final slate was sealed, to be presented to the incoming 2018-19 Executive Committee for approval.

It was truly a privilege and honor to have served as chair of the Advisory Council this year. The councilors conducted a very busy agenda professionally, conscientiously and timely, and I thank each and every one of them for their time investment and commitment to the future of AAPG. The same goes to the staff, and I look forward to my remaining two years of service on the Council.

Paul W. Britt

Chair, Advisory Council, 2017-2018

House of Delegates

The AAPG House of Delegates (HoD) had a good year, thanks to the support of the delegates, committees, and leaders of the House. Our theme was "Make a Difference." Our goals included integrating membership into the House, establish a standing committee for membership and transform the Resolution Committee to the Affiliated Committee that would focus on building a connection with the Affiliates, Sections and Regions. The focus for Governance was to address the known remaining Bylaws issues and conflicts, in addition to addressing numerous Rules & Procedure opportunities.

We worked to leave AAPG in a better place that goes along with our theme. This year, the Executive Committee passed the duties of membership, recruitment, and retainment to the House. Membership has always been one of the responsibilities of delegates so coming to the House seemed natural. It was the HoD leadership's goal to focus more on membership this year and less on governance. To make this change, we geared two of the seven standing committees (Affiliate Societies & Membership) on Membership. For the last two years we have prepared for this transition, and the House officially voted to embrace membership at the annual meeting.

We had hoped to minimize our efforts on governance during this year, but as the caretaker of AAPG's governance, the House was forced to spend a significant amount of effort on bylaws.

At the Annual Meeting, the HoD voted “yes” for the following bylaws:

Editorial Changes

1. Member vs member corrections
2. Executive Committee Quorum update
3. Executive Committee Ballot approval update

At the Annual Meeting, the House voted “no” against the following bylaws:

1. Dues update
2. Nomination change for Editor

The Delegate term proposal was referred back to the Constitution and Bylaw Committee (CBLC). The incoming

chair was tasked to have CBLC to investigate how to seat alternate at the annual meeting.

The House of Delegates voted for all the rules and procedure changes that included some editorial fixes, adding Membership as a standing committee, changing the name of Resolution Committee to Affiliate Societies Committee, and adding a Debate and Voting section.

The Affiliated Society Committee initiated a survey to investigate ways that AAPG can better work with our Affiliates. The initial work has already provided some

insights for AAPG to address. There is much more to come from that committee in the future.

John Kaldi and Maren Blair were voted as the incoming House officers. John will be the chair-elect and Maren will be the secretary-editor. Bill Houston, 2018-19 chair, along with his leadership team have been left with a number of tasks. We wish them well.

David Entzminger, Chair

Report of the Foundation

The AAPG Foundation was established to support programs that benefit the geologic profession and the general public. Our purpose is to encourage a better understanding and advancement of the geosciences and to establish programs and fund projects that support the education, training and career enhancement for earth scientists.

My report will provide an update on the Foundation's activities and preliminary financial results for the past fiscal year which ended on June 30, 2018. Please be aware the Foundation is currently in the midst of its annual financial audit, and the financial information presented here is unaudited and is subject to change.

Contributions and Program Support

Contributions to the Foundation this past fiscal year (July 1, 2017–June 30, 2018) were \$1.469M, and awards and grants amounted to \$1.05M. Contributions to the Foundation for FY 2017 were \$766K. (During the year a bequest from the estate of Frank Adler was received in the amount of \$530,639.)

As is typical, 96% of the donors and 78% of total contributions are from AAPG members. Eighty-six percent of the contributions were from individuals with 14% coming from corporations.

The Trustee Associates support has been and continues to be a critical and important factor in the growth and development of the Foundation.

During the past year, the Foundation continued to support many of the important geological programs it has supported previously including: (in \$ thousands)

• Grants-In-Aid	\$ 280
• Imperial Barrel Award	\$ 102
• Bulletin Fund	\$ 141
• Pickens Fund	\$ 30
• L. Austin Weeks Undergraduate	\$ 115
• Visiting Geoscientists Fund	\$ 20
• Distinguished Lecture	\$ 31
• Deana & Paul Strunk Military Veterans	\$ 20

In addition, the AAPG Foundation Trustees approved proposals for funding for the following:

- Interactive Geology Program, University of Colorado
- YMCA Threet Quarry Project

- AAPG Foundation-OSU GIS Consortium Program
- Geoscientist without Borders
- Newly Released Publications
- Teacher of the Year Award
- The Halbouty Lecture
- The Inspirational Geoscience Award
- AGI Earth Science Week Poster
- Holland Award of Excellence
- Educator Day at ACE
- AGI Earth Science Week
- AAPG Honors and Awards
- Foundation Awards
- GeoLegends Video Project
- Houston Museum of Natural Science Educational Programming
- Friends of Dinosaur Ridge
- Texas Tech University, George B. Asquith Scholarship for Excellence in Petroleum Geology
- Kansas Geological Foundation
- University of Michigan Earth Science Camp
- Teacher Workshop & Field Excursion at ACE 2018 in Salt Lake City

The U.S. Military Veterans Scholarship Program was renamed the Deana and Paul Strunk Military Veterans Scholarship Program. The MVSP committee awarded \$20K to 10 veterans from across the country. You can learn more about the veteran scholarship recipients by visiting <http://foundation.aapg.org/programs/mvsp-recipients.cfm>. Named scholarship opportunities exist for a gift of \$50K, using the current spending rate this would payout an annual grant of \$2,000.

At this time, \$1.094 Million has been raised for this important program, which was created to promote educational advancement and career opportunities in the geosciences for United States veterans.

AAPG Foundation Investment Portfolio

The investment portfolio is conservatively invested and well diversified and includes public and private equity investments, fixed income mutual funds, international investments and real estate. Last fiscal year, the Foundation's investment portfolio showed an increase net of withdrawals of 1.0%, with an ending balance of \$48.5 M as of June 30, 2018. This compares to \$47.9 M as of

June 30, 2017, \$45.0 M as of June 30, 2016, \$46.5 M on June 30, 2015, and \$42.3M on June 30, 2014. The Foundation continued to utilize a 4% spending rate on endowed funds in support of programs.

Governance

John Amoruso stepped down serving on the Board of Trustees after 31 years. The board at the end of June 2018 consisted of Jim Gibbs (chairman), Ray Thomasson (vice chairman), David Worthington (secretary), Lee Backsen (treasurer), Larry Jones, and Mike Wisda.

As of July 1, 2018, Jim McGray was elected as a trustee replacing David Worthington.

Jeff Lund and Marty Hewitt were elected to serve on the Regular Member of the Members of the Corporation at the meeting in Salt Lake City.

Trustee Associates Membership

The AAPG Foundation would like to thank the Trustee Associates Officers David Hawk (chair), Pete MacKenzie (vice chair) and Bill Monroe (secretary-treasurer) for their service.

There are currently 284 Trustee Associates members.

Other Highlights

A few of this year's highlights include:

- John J. Amoruso was awarded the L. Austin Weeks Memorial Medal (posthumously)
- Paul H. Dudley, Jr. was awarded the Chairman's Award at the Trustee Associates annual meeting in Sun Valley, Idaho

The Trustee Associates' support has been and continues to be a critical and important factor in the growth and development of the Foundation. Your support is essential to the growth and future of AAPG Foundation programs. We thank each of you for your dedication and commitment.

**James Gibbs, Chairman
Board of Trustees**

Reports of the Divisions

Energy Minerals Division

The Energy Minerals Division (EMD) is the largest AAPG Division. Our mission is to serve AAPG members by advancing the science of geology related to unconventional and alternate energy resources. This report summarizes EMD activities since our last annual report published in 2015 on behalf of EMD past presidents Anne Draucker (2016-2017) and Doug Wyatt (2017-2018).

Membership

Our membership declined 16% in 2016 due to industry staff reductions in response to the drop in average annual oil price to \$48/bbl in 2015. Since then our main focus has been on retaining and attracting new members. Responding to the membership decline, we updated our webpage to provide a platform to easily access information that is available to all AAPG members. As of May 2018, EMD had approximately 3,000 members worldwide with 455 average monthly website views. Most of our members are employed by oil companies, or as consultants and independents. Data from 2016 show student members represent an encouraging 11%, the third highest member employment category. EMD represents six domestic and six international sections. The majority of our members are represented by the Gulf Coast, Rocky Mountain, Eastern, Southwest, and Mid-Continent Sections, reflecting the continued interest in domestic unconventional energy resources in these regions. Members from the Asia-Pacific and European Regions represent our largest international membership.

Activities

One of our main technical contributions are the annual commodity reports representing Coalbed Methane (chair, Brian Cardott), Gas Hydrates (chair, Timothy Collett), Tight Gas Sands (chair, Dean Rokosh), Bitumen/Heavy Oil (chair, Timothy Bata), Oil Shale (chair, Justin Birdwell), Shale Gas & Liquids (chair, Ursula Hammes), Coal (chair, William Ambrose), Geothermal Energy (chair, Karl Osvald), Uranium (chair, Michael Campbell), and Energy Economics and Technology (chair, Jeremy Platt). We also submitted our 2017 biannual report for the

Natural Resources Research Journal (in review).

In 2017, EMD celebrated our 40th and AAPG's 100th anniversary during ACE in Houston, Texas with a special EMD-DEG joint forum, titled, "The Next 100 Years of Global Energy Use: Resources, Impacts and Economics." This forum was open to the public (a first for AAPG), with discussions from a panel of industry and academic experts facilitated by Scott Tinker and Wayne Camp. EMD sponsored 171 oral and poster presentations in 18 sessions, plus a short course during the 2018 ACE in Salt Lake City, Utah. EMD was pleased to sponsor Rikki Hrenko-Browning who gave a presentation on Oil Shale during our joint EMD-DEG luncheon meeting. The Unconventional Reservoir Research Group also continues to provide lively discussions during their meetings held in conjunction with the ACE meetings under the leadership of EMD members Andrew Pepper and Harris Cander.

Leadership

The candidates for the 2018-19 EMD Officer election have been submitted to the AAPG Executive Committee for review and approval, with the expectation of holding our delayed election in September 2018. Current officers are Wayne Camp, president; Douglas Wyatt, Jr., past president; and Diane Keim, AAPG Staff Liaison.

Awards

EMD Honorary Membership: Arthur Johnson (2017)

EMD Distinguished Service Award: Steven Schamel (2017)

EMD Past President Award: Anne Draucker (2017)

EMD Certificate of Merit: Wayne Camp (2017)

Frank Kottowski Memorial Award for Best Paper: David Blood (2017)

President's Certificate for Excellence in Oral Presentation: Gregory Frebourg, Stephen Ruppel and Harry Rowe (2017)

Lloyd Carlson Memorial Award for Best Poster: Niels Schovsbo, Thomas Goode, Jack Beuthin, Emmanuel Derbez, and Kate Parkin (2017)

President's Certificate of Excellence in Poster Presentation: Stephen Gardner, Katie-Joe McDonough, Robert Lieber, Ray Vogler, Scott Cook, and Michael Pollacheck (2017)

Future

Our future goals are to continue to improve our service to AAPG members by (1) increasing member engagement and communication and (2) providing easily accessible, relevant, high-quality technical content. We also strive to mentor and develop the next generation of leaders from our pool of talented early career members.

Wayne K. Camp, President (2018-2019)

Division of Professional Affairs

Membership Changes, Provisional Member Status

The focus for this year has been our new Division of Professional Affairs (DPA) member status for young professionals, Provisional Member. This level of membership is focused on those AAPG members who currently meet the requirements for membership but do not yet have the required years of experience for certification. This level of membership, although nonvoting and uncertified, will have all the benefits of full membership including discounts to DPA events and access to the website content. Provisional members can be members of committees and I hope their participation will add a new level of energy to our committees. When the required years of experience are reached, these provisional members must apply for certification or their membership will be terminated. Dues for the new level are only \$25 per year. The application for membership is available on the DPA website. We made a very strong push at the ACE meeting in Salt Lake City to advertise and sign up as many young professionals as possible. David Wavrek and his team did an amazing job with our DPA events and have even secured a 36-foot-long, Salt Flats race car for display in the AAPG Center as an attraction. The recruiting theme for the Provisional Membership is "Turbocharge your Career with the DPA." This theme promoted the idea that as geoscientists we have a career path with our employers and another path within the AAPG. Joining the DPA as a Provisional Member is outlined as an important step in that AAPG path for YP's to build their networking and knowledge

base early, with certification being the goal when they reach the required years of experience in the industry.

DPA Events

Even with the cost-cutting efforts we are currently living with, the division continues to keep and even increase our support for important events to our members and the AAPG community.

The DPA luncheon this year at ACE featured Tim Rynott speaking on "Global Natural Gas Markets: Their rapid expansion and the implications to the Southern Rockies."

The DPA is also sponsored a special forum on "The Future Energy Geoscientist," which was held in the morning session on May 23. Topics

discussed included: "What types of opportunities and career paths are available to current and future energy geoscientists?" "What digital skills will be essential to the future energy geoscientist's career?" The moderators were Laura Birgenheier and Lee Billingsley.

The division also sponsored a luncheon at ACE featuring professor Dr. Carlee Beth Hawkins, speaking on "Unconscious Bias in the Workplace." About 200 people attended this event and the DPA was proud to be a sponsor. This event should be of significance to many young professionals entering the workplace.

I attended almost every section meeting during my presidency. Many of the section meetings I attended included a formal DPA-sponsored luncheon at which I was

given the opportunity to give a short update on DPA activities and an explanation of our new provisional membership level. I was pleased to see that younger members are now showing more interest in joining the DPA. Our organization is facing some critical times ahead and I believe we need the input and energy these young professionals will contribute.

Future events will continue to focus on promoting the new DPA Provisional Member status to young professionals. We plan to expand the DPA education courses by developing new and reviving old short courses that will bring value to our members.

Jim Hill
President (2017 – 2018)

Reports of the Regions and Sections

Africa Region

The Africa Region was very active in the 2017-2018 fiscal year, continuing on several very successful years of expanded programing and strong involvement of a diverse membership spanning the continent. An early event of the year was the first ever Geoscience Technology Workshop (GTW) to be conducted in Morocco. "Paleozoic Hydrocarbon Potential of North Africa" was held in Marrakech on November 1-2, 2017 and was then followed by a well-attended field trip to the High and Anti-Atlas Mountains. Collaboration with the National Oil Company and Geologic Society of Morocco in this endeavor has helped strengthen AAPG ties in both Morocco and Northwest Africa.

Our next major event to participate in was the annual Nigerian Association of Petroleum Explorationists (NAPE) ICE in Lagos from November 19-23. AAPG, NAPE and EAGE co-sponsored an all-conference technical session entitled "Application of New Technologies to Exploration in Africa." This was given the distinction of being the lead technical session of day 1 of the conference and plans are underway to repeat this format in November 2018. Also at the NAPE ICE a Young Professional Leadership Forum was organized by AAPG YP's and attended by over 500 students. The theme was "Future of Oil and Gas in the Rapidly Changing Global Energy Mix." I was asked to make a presentation on prospects for careers in our industry in this dynamic environment. This was followed after the forum by discussions between AAPG and NAPE YP's and the AAPG Africa Region leadership team members who were in attendance (there were several of us) that lead to the new Africa Region Mentor-Mentee initiative. The goals of this region-wide program are to help put students and very early professionals directly in touch with more experienced members of our industry. The program officially kicked-off on May 4, 2018 after design of the necessary website and registration procedures were complete.

The biggest activity in late 2017 and into the spring of 2018 was the Imperial Barrel Award Competition, as is the case in all years. Eighteen universities from Egypt, Nigeria, Uganda, and the Ivory Coast initially registered for the event. Regional semifinals were held in Cairo and Lagos on March 6 in order to minimize travel

expenses, with four teams participating in each meet. A virtual internet final was held several days later between the top two north and south semifinalists, and in the end the University of Lagos came out on top and represented our region in Salt Lake City at ACE.

The Africa Region was in strong attendance at ACE where we held our annual business meeting and general assembly on May 22. We were well represented at the House of Delegates meeting, and also were fortunate enough to be recognized at several of the awards ceremonies where two of our Region past-presidents received the inaugural Vlastimila Dvořáková International Ambassador Service Award and one of our YP's was recognized with the Young Professional Exemplary Service Award. The Suez University Student Chapter was also awarded Outstanding Student Chapter of the Year.

We finished out our year with another first – the first AAPG GTW to be held in Nigeria. This workshop occurred in Lagos on June 6-7 and was followed by a core workshop that received extremely positive comments from all of the attendees. Considering the past two fiscal years we have now successfully conducted GTWs in Egypt, South Africa, Morocco, and Nigeria and GTWs have become a mainstay of our overall program. Later this year on November 4-7 the Africa Region will host the 2018 AAPG ICE in Cape Town. This promises to be a very exciting and important event and is being held co-located with Africa Oil Week.

In addition to the strong performance of the AAPG Africa Region in the sectors of technical meetings and our YP events, this was also a great year for a record number of our Student Chapters, our Visiting Geoscientist and Outreach Programs, interaction with Affiliated Societies, and the activities of the AAPG Publications Pipeline Committee. A well-qualified new team of officers was elected in a timely fashion and has taken over the reins of the Region. For the immediate future our primary objective is to hold a technically and financially successful ICE in Cape Town. We are also planning for new GTWs in early 2019, once again in Egypt and a first in Tunisia. On a somewhat longer time frame the Africa Region would like to repeat the successful Africa Energy and Technology Conference that was held in

Nairobi on December 4-7, 2016. We are also actively pursuing new membership initiatives across our region.

Bill Bosworth, President 2016-2018

Asia Pacific Region

Council Line-Up

Michael McWalter: president
Mark Tingay: vice president
Andre Coffa: treasurer
Jonathan Conti: secretary

Membership

AAPG Asia Pacific Region membership numbers have fallen drastically. We currently have 4,320 members 28 countries. FY 2016-17 saw 5137 members. Membership status is as follows (January 2018 statistics):

Member	844
Emeritus	29
Honorary	3
Life	1
Sub-Total Voting:	877
Associate	905
Student	1,607
Student YP	931
Sub-Total NON-Voting	3,443
Grand Totals	4,320

The countries with largest membership are India, Indonesia, China, Australia and Malaysia. Council is actively working on ways to increase membership.

Student Chapters

Our Asia Pacific Student Chapters continue to be very active and successful. We have 66 student chapters. Several have gone inactive due to reports not being submitted and the effort is ongoing to revive them.

The University of Padjajaran in Indonesia took the best video award at Salt Lake City ACE 2018. The Indonesian chapters continue to do well because they have guidance from a student oversight committee headed by Dwandari Ralanarko. Dwandari himself used to be a chapter president and recently was awarded Outstanding Young Professional. He collected his award in Salt Lake City. The Region is most proud of him.



Events Held During FY July 2017 – June 2018

Geosciences Technology Workshops (GTWs): Technical Symposium: "Hidden Potential in Mature Basins : Play Analogs and Best Practices"
Bandung, Indonesia September 13-14, 2017"

110 Delegates

Co-convenors: Stalwart Herman Darman and Young Professional Dwandari Ralanarko.

GTW: "Oil and Gas Deposits of India: Exploration and Production Challenges and Opportunities," Mumbai, India, December 6-7, 2017

102 Delegates

Convenor: Vinay Sahay, our SC Coordinator for India/Pakistan/Bangladesh and Peter Grant, immediate Past President, Asia Pacific Region

GTW: "Pore Pressure and Geomechanics: From Exploration to Abandonment," Perth, Australia, June 6-7, 2018

Convenor: Region vice president Mark Tingay

Sincere thanks to all those people who have either been associated with the organizing or have contributed to these events; without that support, these events would not be possible.

Future regional events are currently being planned for this FY

GTW Bangkok, Thailand (September 27-28, 2018): "Back to the Future – the Past

and Future of Oil and Gas Production in the Asia Pacific Region"

4th AAPG/EAGE/MGS conference in Myanmar (November 13-15, 2018)

"Myanmar: A Global Oil & Gas Hotspot: Unleashing the Petroleum Systems Potential"

GTW Auckland, New Zealand (April 16-17, 2019): "Gas Hydrates – From Potential Geohazard to Carbon-Efficient Fuel?"

GTW Brisbane, Australia (November 19-21, 2019): "Advancements and Challenges in Coal Seam Gas in the Asia-Pacific Region." On the drawing board is a plan to convert this GTW into a URTEC-branded event; with collaboration of SPE and SEG.

Japan: An attempt to have a GTW in Japan proved unsuccessful for now. Attempts will be made to have one there in the future.

Distinguished Lecturer Tour

A planned DL tour with Steve Begg of the University of Adelaide, who was to visit six Indonesian schools within a two-week period, did not materialize, due to health reasons. We wish Dr. Begg all the best.

Council is working on having our own Lecturer program; but as costs for a physical tour are prohibitive, we are discussing the feasibility of having webinars.

Imperial Barrel Award (IBA)

For this FY, our IBA 2018 regional competition welcomed 10 schools after several withdrawals for various reasons. Our regional winner was again the Institute of Technology, Bandung, in Indonesia. Runner up was Chulalongkorn University of Thailand. We are very proud of them.

Young Professionals in the Region

We have also had some success in building up our Young Professionals network in the region and are continuing to have more networking sessions. Region coordinator Reetu Ragini has agreed to handle just India/Pakistan/Bangladesh, while Ms. Low Wan Ching (Malaysia) and Dwandari Ralanarko (Indonesia) have taken on a joint coordinator role. We have active participation from a YP in ONGC, Sankahadip Bhattacharya.





We are working hard to get more events done and to build up our success in the Asia Pacific region.

Michael (Mick) McWalter
President, AAPG Asia Pacific Region

Canada Region

2017-2018 Canada Region Officers

The Canada Region Officers for 2017-2018 were the following: president: Maren Blair; vice president/treasurer: Anne Hargreaves; secretary/foreman: Peter Bauman; and Advisory Council member: Ryan Lemiski

Canada Region Events

The Canadian Society of Petroleum Geologists (International Division) and the AAPG Canada Region cohosted a series of talks over the winter and spring months including topics such as "Shale Gas and Shale Oil Basins around the World" presented by Scott Gardiner, "Cuba – 26 years and 225 Million Barrels Later" presented by Curtis Evert, "Three-dimensional GAI: Virtual Reality for the Oil Industry" presented by Claudia Ruiz-Graham, and "Petroleum Geology of the Levant Basin, Southeast Mediterranean Sea: A Successful Exploration History" presented by Craig Bolland.

The Canada Region Annual General Meeting was held on June 21, 2018 in Calgary, Alberta.

Imperial Barrel Award Competition

The 2018 Imperial Barrel Award (IBA) competition for the Canada Region was held on April 6, 2018 in Calgary. Unfortunately, this year only one team elected to complete in the IBA for the Canada Region. A mock judged presentation was held instead of a regional competition to help prepare the team for the global IBA competition in Salt Lake City. The team competing was from the University of Calgary, and the Canada Region was proud to have the students from the University of Calgary team represent Canada at the global competition.

Student Chapters

The Canada Region currently has eight active student chapters across the country. The University of Western Ontario was voted Best Student Chapter in the Canada Region – their activities included AAPG Visiting Lecturer Fred Schroeder, a field trip to the Niagara Escarpment, and CSPG guest lecturer John Weissenberger. Other student chapter activities included the following, a 10 talk lecturer series at Mount Royal University, Ottawa-Carleton hosted 3 visiting geoscientists, Dalhousie hosted

an AAPG Distinguished Lecturer, University of Alberta traveled to the Bay of Mont Saint-Michel, France for a field trip, and the University of Calgary planned a field trip to Great Falls, Montana.

Visiting Geoscientist Program

This year geoscientists from around the world made visits to schools across Canada including the University of Calgary, Mount Royal University, McMaster University, Queen's University, and University of Ottawa/Carleton University.

Young Professionals

AAPG Canada Region Young Professionals presented a speaker series over the fall and winter that included topics such as "The Traits of a Great Petroleum Geologist" presented by Patricia Cowan, and "Me and My G: Geology and Geophysics a Match made by Earth" presented by Faye Warrington and Shannon Hiebert.

The Young Professionals also cohosted social networking events with other societies, with one networking event occurring right before Christmas and another networking event occurring in the spring time.

The Young Professionals hope to continue to promote speaker series, social networking events, and a fall field trip.

Future Recommendations

The Canada is working on securing more external industry funding to allow us to expand our programming within Canada. The Canada Region is working to organize a joint Young Professional/Professional field trip for fall 2018. The Young Professional group will look to expand its speaker series and networking events and the IBA organizers are working to promote the IBA competition to Canadian schools. The Region looks to further collaborate and strengthen our relationships with our affiliated societies here in Canada.

Maren Blair
President (2017-2019)

Middle East Region

The AAPG Middle East Office and Region had a highly successful FY2017-18, with a number of highly successful Geoscience Technology Workshops (GTWs), GEO Conference, Imperial Barrel Award (IBA)

Middle East Regional Competition and the pleasure of hosting one of AAPG's best programs: the Distinguished Lecturer Tour.

GTWs

AAPG Middle East was able to deliver a number of highly successful GTWs, both independent as well as jointly with other societies from October 2017 to June 2018. We had a total of nine GTWs, which included strong technical papers, diverse participation and attendance.

GEO 2018

The 13th Middle East Geosciences Conference and Exhibition (GEO) was held on March 5-8, 2018 in Bahrain. It included 51 technical sessions, 3 plenary sessions, and 192 e-posters as part of a highly successful, highly welcomed technical program. The conference welcomed a little over 4,000 attendees from the Middle East Region and beyond.

IBA 2018

The 2018 competition proudly attracted 9 universities from the region, with a first-time participation from Lebanon. The competing universities were as follows:

1. Hashemite University, Jordan
2. German University of Technology
3. King Abdulaziz University
4. King Fahd University of Petroleum and Mineral Resources
5. Kuwait University
6. Lebanese University
7. Sultan Qaboos University, Oman
8. University of Jordan, Jordan
9. Yarmouk University, Jordan

The competition was held in Bahrain, a day prior to the GEO Conference and the winning team was announced and celebrated as part of the AAPG Middle East Reception.

AAPG Middle East Awards

Also held in conjunction with the GEO Conference, the Middle East Regional Council hosted the AAPG Middle East Reception, inviting members and colleagues to attend an exciting half day event during which the IBA winning team was announced and awards were handed out to a number of AAPG members, in recognition of the dedicated service to AAPG and the geosciences community.

Distinguished Lecturer Tour:

The Middle East Region had the pleasure of hosting Rachel Wood who had the opportunity to tour the Middle East and include locations such as Abu Dhabi, Beirut, Dhahran, and Muscat as part of her travels. She was able to present to both professionals and students during her tour.

Gulf Coast Section

Annual Convention Preparation

The 68th Annual Gulf Coast Association Geological Societies (GCAGS) Convention will be held in Shreveport, Louisiana, from September 30 to October 2, 2018, at the Shreveport Convention Center with accommodations at the attached Hilton Hotel. This year's meeting is being sponsored by the 13 local societies which make up the GCAGS and the 188 members of the Shreveport Geological Society. The theme this year is "Energy-Ready for Another Round." This focus will prove that Gulf Coast geologists are adaptable and readily embrace new methods and technologies in the quest to supply the nation with reliable sources of energy.

This year the GCAGS is returning to its traditional schedule of Saturday Short Courses and Field Trips followed on Sunday with the opening/awards ceremony along with the icebreaker that evening. Monday and Tuesday will feature 68 oral presentations and 43 poster displays. The session titles will be Regional Geological Studies and Depositional Facies Analysis, Deep Water Gulf of Mexico, Seismic Attributes and Modern Geophysical Technology, Current Thinking and Assessment of Climate Change, Advanced Studies in Geology, Studies of the Lower Cotton Valley-Bossier Formations, Ground Water and Environmental Studies, and a special session centered on Shale Resource Plays after 10 years of Production. These technical sessions have been arranged by chairman Kurt Ley and assisted by Zach McDonald.

Planning for the Convention in 2018 has been underway for two years under the able and remarkable supervision of general chairman Alan Brittain. All who attend will return to their jobs better informed scientists and business leaders.

The GCAGS will continue being the largest section of the AAPG but the convention in the future will be renamed

"GeoGulf." So, this is the last meeting of the GCAGS Convention. The meeting in Houston in 2019 will be the first GeoGulf Convention. This change shows that the organization is emphasizing knowledge and study of the on-shore environment from Florida to southern Mexico as well as off-shore in the Gulf of Mexico.

Publications

The 2018 Convention will publish its annual GCAGS *Transactions* edited by James Willis. This is a compilation of the oral talks presented at the meeting along with extended abstracts which are studies of regional geological subjects. The organization will also present the peer reviewed *GCAGS Journal* edited by Robert K. Merrill which is now in its 7th year of existence.

Financial Status

The finances of the GCAGS are strong but changes are being made to adapt to new challenges. Our treasurer, Daniel Sutton, has proposed a reduction of expenditures over the next few years which will come mostly in savings from the annual convention. This will be accomplished by carefully monitoring expenditures and having the meetings in cities which have adequate facilities removed from the central business district. Plans are also being put together to make safe investments in more aggressive investment strategies.

Constitution and Bylaw Review

Former president Thomas Ewing is overseeing ways to restate the Constitution of the organization and to modernize the bylaws and articles of Incorporation. This study will enable the GCAGS to streamline procedures and thus to make it more efficient and economical.

Awards and Honors

The GCAGS actively seeks to recognize its own society members for their outstanding work for our profession. Thomas Ewing will receive the Don Boyd award while Dawn Bissell, Jeff Spencer, and James Willis will be recognized for their Distinguished Service, and Christopher McLindon will receive the Statesman Award. Other community leaders such as Teacher of the Year are made when a worthy candidate is nominated.

Ralph Richardson, President

Mid-Continent Section

The 2017-2018 fiscal years have been relatively busy for the Section. The Section convention was hosted by the Oklahoma City Geological Society (OCGS) from September 30 to October 3. That program was followed by the Mid-Continent Student Expo held on the campus of the University of Oklahoma in March, along with the Section Imperial Barrel Award competition in Oklahoma City. Finally, the Mid-Continent Section (MCS) held the Section council meeting at the AAPG Annual Convention and Exhibition in Salt Lake City, Utah, in May of 2018.

The Section convention was well attended with 994 registrants, which included professionals, spouse/guests, and students. The convention profited \$100,900 for the four-day event. These profits are divided 65% to OCGS and 35% to MCS.

The MCS Student Expo was held March 16, 2018 on the campus of the University of Oklahoma. Of the 115 participants, there were 53 geology posters and 17 geophysics posters presented from 12 universities. There was \$4600 awarded to three in geology and three in geophysics. This year's expo resulted in three interns and two permanent positions.

The Imperial Barrel Award competition was held at the campus of Chesapeake Energy Corporation in Oklahoma City. Participation was down with only five schools. The universities included Wichita State – 1st, Oklahoma State – 2nd, and Oklahoma – 3rd. Kansas State and Arkansas also participated.

This year the MCS received grant requests for over \$31,000 from the 8 member societies representing 17 students and 1 museum. The Section awarded \$15,800 in matching grants and aid.

This MCS is having its Fourth Biennial Field Conference hosted by the Nebraska Geological Society. It is being held on the campus of the University of Nebraska-Lincoln, October 12-14.

Our next convention will be held at the DoubleTree Hilton in Wichita. It will be hosted by the Kansas Geological Society on October 4-8, 2019. The title is "Revitalizing the Mid-Continent." The General Chair is Toby Eck.

Hope to see everyone in at ACE in San Antonio in May, 2019

Douglas V. Davis Jr.
President 2018-2019

Pacific Section

The Pacific Section of AAPG (PSAAPG) hosted its Annual Convention in Bakersfield, California, in April 2018, in conjunction with the PS-SEPM and the PCS-SEG. Three hundred were in attendance for 49 technical oral technical presentations and 20 poster presentations. The convention was very profitable, reversing the trend of recent years during the industry downturn. Honors and awards were given to eight recipients at the convention: two Distinguished Service awards, two Honorary Lifetime Member Awards, one Distinguished Educator Awards, two Young Professional Service Awards, and one Teacher of the Year Award. Ten college students were awarded Van Couvering Scholarships for registration fees in order to attend the convention this year.

The PSAAPG continued to fund educational programs during the fiscal year, including the annual West Coast Imperial Barrel Award competition, the annual Student Chapter Leadership Summit, and the annual Student Recruiting College Expo. In addition, PSAAPG continued to fund university student scholarships through seven affiliated geological societies in the amount of \$20,000. For the membership, PSAAPG maintained its bimonthly *Pacific Petroleum Geologist* newsletter, improved the website capabilities for initiation and renewal of membership, and added members-only features to the website. The members-only section includes access to the membership database, free publication downloads, and archived newsletters. A new membership category of Associate Member was created to encourage membership by all those interested in PSAAPG who are not petroleum geology professionals. The Pacific Section expanded its publications outreach with a pilot program of making 10 PSAAPG publications for sale online with GeoScienceWorld. The forward plan is to add 10 publications per year. The PSAAPG sponsors 10 student chapters in California, Alaska, and Oregon.

The Pacific Section ended the year in a financially strong position and will be able to expand its financial support next year for convention activities, scholarships, honors and awards, membership services, publications, and outreach. An outstanding group of volunteers made it possible for PSAAPG to successfully conclude the 2017-18 fiscal year.

Mike Nelson, President

Rocky Mountain Section

The AAPG Rocky Mountain Section (RMS) includes 11 affiliate societies in Arizona, Colorado, Idaho, Montana, Minnesota, Nevada, New Mexico, North Dakota, South Dakota, Utah, and Wyoming. As of January 2018, there were 2,800 members in the section, including 208 student members.

The AAPG Annual Convention and Exhibition was held in Salt Lake City on May 20-23, 2018. The general chair was Mike Vanden Berg, who led an outstanding team that hosted an excellent meeting with more than 4,000 attendees. The meeting was profitable for both AAPG and the Utah Geological Association, which is looking forward to supporting even more educational events and scholarships with these proceeds. The RMS hosted "A Night at the Natural History Museum of Utah," which also served as our venue for the annual RMS awards. The 2018 winners were Nathan La Fontaine for Best Student Presentation, Justin Ahern for Best Poster Presentation, and Christopher Fielding for Best Oral Presentation 2017 RMS Meeting. Jerry Walker was awarded the RMS-AAPG Distinguished Service Award; Don Stone received the Robert J. Weimer Lifetime Contributions Award; Terri Olson received recognition for *AAPG Memoir 112: Imaging Unconventional Reservoir Systems* (2017) by receiving the John D. Haun Landmark Publication Award; the Julie A. Lefever Memorial Award was presented to Rich Bottjer. This is a new award for those who have done an exceptional job at sharing geoscience knowledge. Anita Thapalia received the Outstanding Young Professional Award. To cap off the evening, the RMS and AAPG Teacher of the Year, Debbie Morgan (from South Sevier High School in Monroe, Utah), jammed with the band by singing her rendition of the "Periods of Time." Special thanks to Stephanie Carney, the local chair for the event, who arranged many of the logistics.

The next RMS section meeting is in September 2019 in Cheyenne, Wyoming. This meeting is being hosted by the Wyoming Geological Association and is themed "Back to the Rockies – An Epoch Adventure of Cretaceous Proportions." Future section meetings are scheduled for Grand Junction and Denver.

There is a strong community of student chapters. There are currently 18 active student chapters. The 2017 Local Student Leadership Summit brought together student leaders from the section's active chapters for networking and discussions. The RMS had one new student chapter in 2017-2018 and three

new ones in 2016-2017. In 2018, there were five teams that competed in the RMS Imperial Barrel Award (IBA) competition. New Mexico Tech represented the section in Salt Lake City. Funding for student chapters is through the RMS Foundation, and funding for IBA is through the section.

The RMS directs monies into the RMS Foundation, which exists for the purpose of making grants or loans to the member societies and other organizations. Student chapters are given \$1000 grants every year, with \$18,000 given during the fiscal year. Over \$11,000 in additional grants was distributed during the 2017-2018 fiscal year.

Going forward, RMS plans to continue fostering relationships with its affiliates and with students in the section. We look forward to seeing everyone in Cheyenne, Wyoming.

Julia Lemaster, President 2017-2018

Association Group Insurance

The function of the Committee on Group Insurance is to maintain a liaison with the broker and administrator of the Association's group insurance programs, to audit the broker's annual report and to supervise management of dividends that accrue. The committee reviews existing programs and requests new insurance plans to meet the changing needs of the membership.

The GeoCare Insurance Benefits Program has been providing a valued service to AAPG members for more than 50 years and will continue to do so into the future.

Including AAPG, the following societies are members of the Group Plan: Society of Petroleum Engineers, American Association of Professional Landmen, Association of Environmental and Engineering Geologists, American Institute of Professional Geologists, Council of Petroleum Accounts Societies, Environmental and Engineering Geophysical Society, Geological Society of Washington, Society of Exploration Geophysicists, Society for Sedimentary Geology, and the Society of Economic Geologists.

The GeoCare Program currently offers the following plans for the benefit of our membership: (1) GeoCare benefits insurance exchange (a private medical insurance exchange); (2) life plans (term life, first-to-die life, guaranteed term life, 10-year level term life, and high limit accidental death and dismemberment); (3) disability income plan, (4) supplemental insurance plans (cancer expense plan, dental plan, in-hospital plan, long term care plan and the Medicare supplement plan); (5) property and casualty insurance plans (auto and motorcycle, home, and personal liability umbrella coverage); (6) annuities; (7) best benefits discount medical plan; (8) GeoCare international program; and (9) ID theft assistance. Additional programs are being investigated for possible addition in the future.

Association Group Insurance Administrators serves the committee as the general administrator for most of our programs as well as our broker.

Although recently showing signs of stabilization, a weak business climate in the industry has affected the GeoCare Program significantly these past few years with low prices for oil and job insecurity having negative impact on program

growth. In addition, political uncertainty revolving around the Patient Protection and Affordability Act of 2010 adds uncertainty to the insurance marketplace. Recently, a US Department of Labor ruling may permit association health plans thus allowing GeoCare to again offer major medical health insurance to their members. The committee will continue to monitor this development.

GeoCare continues to offer several introductory programs to new members (under the age of 50 who are residents of the United States) on an opt-in basis. The first is a one-year \$30,000 term life plan (at no cost for their first year) and the second is a disability income plan (at no cost for their first 6 months) which provides \$600/mo for 24 months. New members may extend either plan at prevailing rates.

The GeoCare International Program was developed to meet the needs of expatriate members who are living or working overseas including United States members working and/or residing overseas, those residing outside the country in which they have citizenship or a passport, and key local nationals living in countries other than the United States or Canada.

The personal lines plans include insurance for a member's automobile, home, motorcycle, and/or condominium as well as a personal liability umbrella coverage, which provides protection for members in the event of a claim for damages exceeding the limits of an existing policy.

As of the end of June 2018, the GeoCare program had 6385 certificates in force with a total annual premium of \$5,063,787.

Past and future changes in the insurance marketplace create many challenges to the GeoCare program. However, the overriding promise of the GeoCare Insurance Program is to provide the best benefits available for our members. Complete information on all of the insurance plans provided can be found on the AAPG web site under Services/GeoCare Insurance or at www.geocarebenefits.com.

Robert L. Countryman, Chair

Astrogeology

Objectives

The primary objective of the AAPG Astrogeology Committee is to present

potential benefits and issues in space exploration for the AAPG membership. Other objectives include organizing symposia at AAPG and professional meetings, recommending speakers for distinguished lectures, publications, technical sessions, and astrogeology field trips, and acting as liaison with groups having similar interests such as NASA. All who are interested in astrogeology, planetary science, and their applications to energy and resource issues are invited to join the Astrogeology Committee.

Relevance

The Astrogeology Committee supports the development of space resources. Comet composition provides a starting point for understanding the origin and evolution of Earth's oceans. Recent interest in mining rare earth elements and platinum group metals from asteroids and helium-3 on the moon is facilitated by our understanding of the origin and economics of terrestrial ore deposits.

Major Goal in 2018-2019

This goal is to establish partnerships with the private space industry to promote exploration and development of space energy resources. Institutional and private space-related products and services are estimated to include 120,000 full-time-equivalent positions, generating \$150 billion annually. Private space companies comprise a \$10 to \$17 billion industry per year with 8-15% annual growth rates. SpaceX has developed the Falcon 9, Dragon cargo and crew capsules, and Dragon Heavy launch systems. Other prominent firms involved in resource development, human-habitation facilities and transportation systems include Boeing, Lockheed Martin and Bigelow Aerospace, Deep Space Industries, and Planetary Resources.

Other activities include the following.

- (1) Arranging symposia at AAPG conventions that emphasize astrogeology and off- world exploration for energy resources.
- A field seminar associated with the total solar eclipse of August 21, 2017 was successfully conducted in Casper, Wyoming, with 35 registered attendees. This seminar included geology field work on dinosaurs, the K-T Boundary, and newly discovered Permian impact craters. Class sessions discussed solar

system resources, feasibility of humans working in deep space, and local petroleum geology. Harrison Schmitt and James Reilly attended as VIP astronaut/geologists (ret.) Astrogeology Committee Liaisons.

- Douglas Cook and William Ambrose gave presentations in the Astrogeology Technical Session "Future of Energy: New Discoveries in the Solar System: Implications for Energy and Mineral Resources" at the 2018 ACE in Salt Lake City, Utah. Topics included proposed missions to the Moon as a stepping-stone to Mars, the threat and future exploitation of near Earth asteroids, near surface water ice on Mars, and using regolith for agriculture on Mars and the Moon. Attendance for these presentations exceeded 150 persons. The 2018 Astrogeology Committee Business Meeting at ACE SLC discussed the following.

- The proposed technical session at ACE 2019 in San Antonio. The technical session is titled "Resource Characterization and Human Settlement in the Solar System."
- Preparation for the 2020 ACE meeting in Houston to include a field trip to Houston Space Center. The event will be cohosted by VIP Astrogeology Committee Liaison James F. Reilly (director USGS and NASA astronaut-geologist on shuttle missions STS-89 in 1998, STS-104 in 2001 and STS-117 in 2007).
- A Hedberg Conference on space exploration, transportation, and resource-development technology is being organized and tentatively scheduled for 2019. This conference is intended to be summarized in a special publication invited by Elsevier.

(2) Establishing a series of AAPG

Astrogeology student chapters in conjunction with the AAPG Student Chapter. Their goal is to link interested students with professionals in the aerospace and planetary science community. Activities include technical meetings with guest speakers and astrogeology projects. Darwin Boardman, Astrogeology Committee student chapter vice chair, leads these efforts.

Astrogeology Committee Membership and Leadership

Douglas Cook and William Ambrose are serving as chair and vice chair, respectively, for 2017-2019. Harrison Schmitt and James Reilly serve as astronaut/geologist (ret.) liaisons. Darwin Boardman III is Student Chapter vice chair, Laura Zahm is

committee manager, and Heather LaReau is AAPG EC liaison.

Website

The Astrogeology Committee's website includes mission statement, goals, business plan, committee member information, calendar of events, convention activities, abstracts, presentations, calls for papers, and PowerPoint presentations. We appreciate the services of Bogdan Michka at AAPG who designed, created, and updates the website: <https://www.aapg.org/about/aapg/overview/committees/details/ArticleId/564/committee-astrogeology>

Douglas J. Cook, Chair

William A. Ambrose, Vice-Chair

Distinguished Lecture

In late 2017/2018, at the request of AAPG HQ staff, a plan was put in place to increase the lead time for Distinguished Lecture (DL) organizing tours. The practice had been for the DL Committee to build a master list at the committee meeting at ACE and to then select speakers by voting on that list in the summer. Especially in the case that the ACE meeting occurred in the later spring, HQ staff had found it increasingly challenging to arrange tours for fall starting from a late summer selection process. They requested that a slate be chosen in the fall for the year following, giving HQ staff essentially a year to arrange the tours. A shift to this methodology would require that the DL Committee select two slates in 2018: one to begin touring in fall 2018 and a second to begin in fall 2019. We undertook to make this shift, filling out the master list via email discussion and voting prior to the ACE meeting in Salt Lake.

Before second, post-ACE vote could be taken however, HQ staff proposed a more substantial change to the program (Appendix 1). In essence this proposal sought to reduce program costs, both in terms of travel costs and HQ staff resources. At the same time, the goal was also to increase the impact of the program by making high-quality videos of each DL presentation that are archived for future delivery and greater access by a larger audience.

It is important to note that at the time of this latter proposal, the most recent staff member in charge of the DL program had left AAPG abruptly, leaving HQ without any staff members having knowledge of DL program operation, just as the fall tour organizing was about to begin.

The proposal to focus the program on video presentations and to greatly curtail speaker travel was put before the DL committee for discussion (Appendix 2). With this input from the Committee, the co-chairs conferred and based on the consensus that (1) Promotion of a high-quality digital presentation is a reasonable thing to try, with many potential benefits, and (2) In-person visits have a value that is hard to replace, we proposed the following to AAPG HQ for the 2018-2019 tour.

1. Proceed with making high-quality videos for each speaker.
2. Put the international program on hiatus while we evaluate the best way to schedule these tours with only six available speakers.
3. Ask each DL to tour for one week (up to five places) and to also attend one-three regional or section meetings (arrangements coordinated with the meeting organizers).
4. Place only universities on the one-week schedule and actively recruit larger departments in a given region to participate.
5. Send three DLs to east coast and central United States and Canada, and three to west coast and central United States and Canada.
6. Collect metrics: by early summer of next year, how many people have engaged with each type of presentation? What feedback can we gather about the program impact in various modes of presentation?

Discussions followed with AAPG president Denise Cox and regions vice president David Cook and it was agreed with HQ to conduct the 2018-2019 tour following these protocols.

Selected speakers and topical areas for the 2018-2019 DL Program are as follows.

Ashley Harris, Chevron, Future Trends in Energy Geology

Sophie Warny, Louisiana State University, Geological Record of Climate

Irene Arango, Chevron, Integrated Hydrocarbon Systems

Lisa Stright, Colorado State University, Geoscience and Engineering

Susan Cunningham, retired, Case Studies

Mike Hudec, Bureau of Economic Geology, Structure/Tectonic

The necessity of putting the International program on hiatus springs from two issues: (1) recent difficulty experienced by HQ in scheduling the international component (the 2017-2018 international speaker was unable to coordinate any travel dates), and (2) lack of a clear plan for integrating the international tours in the context of a program that has been reduced to only

six speakers a year and has now also been further modified to emphasize recorded lectures and a greatly reduced travel schedule (one week versus the former four). The value of an international component to the DL program is undeniable, but a clear mechanism for organizing it needs to be established. Comments received from DL Committee Member Chris Elders were particularly relevant.

- DL tours are highly valuable in some parts of our region. For example, we have large student chapters in Indonesia, they put a great effort into hosting DLs, attendance is in the hundreds, and students will make trips of several hours from neighboring universities to attend a DL where it is not possible for the DL to go to both institutions. We have a strong program of Geosciences Technology Workshops, but there are not many other AAPG activities that members can engage with within the region.
- The way in which DL tours are currently organized is not really appropriate to a massive region like Asia Pacific. It is not the same as organizing a tour in North America for example, but the model used is the same. We are a region that spans eight time zones and two hemispheres. Many locations that request DLs are remote, difficult to get to, and to travel between. A recent tour that encompassed Japan, Australia, Indonesia, and China was a logistical nightmare for staff in Tulsa to organize, and very expensive no doubt. The DL tours could be much more efficiently organized and cost much less if they focused on specific parts of the region (e.g., southern Asia on one occasion, Southeast Asia on another), and made better use of local knowledge in organizing the itinerary.

Possible elements of a reorganized international DL program might include the following.

1. Establishing a systematic rotation for sending speakers to different international regions and to subregions within those areas. With only one international speaker per year, any one region will only receive a speaker every few years.
2. A DL committee process for nominating and selecting speakers specifically for the international part of the program. Historically, when 12 speakers (12 topical areas) were selected, 1 or 2 would be designated international speakers. With only six speakers and increasing time pressures that impact speaker travel there is a greater need to specifically select

speakers who can perform well on the international circuit.

3. The required travel commitment for international speakers may need to be greater than for domestic speakers.

Development of new procedures for the international portion of the program is a goal for the remainder of 2018 and early 2019. We welcome ideas addressing how this program component might be organized.

Janok Bhattacharya, co-chair

Kitty Milliken, co-chair

Education

The function of the Committee is to stimulate and guide a viable education program by setting goals, guidelines, and directions which satisfy changing needs in continuing education; by recommending subjects for the changing needs in continuing education; by recommending subjects for the Association's catalog of short courses, schools, field seminars, training seminars, course note series, and related education activities; recommending speakers and program leaders and their fees; advising AAPG leadership on education matters, reviewing proposals relating to continuing education.

Education offerings in 2017-2018 reflected the ongoing efforts of the Association to contain costs, generate revenue, and develop new methods for providing educational content. International Geosciences Technology Workshops (GTWs) were among the most successful Education offerings for 2017-2018, particularly when held in conjunction with regional conferences. Examples of program topics included New Play Opportunities in Mature Basins (Bandung, Indonesia), Oil and Gas Resources of India (Mumbai, India), Pore Pressure and Geomechanics (Perth, Australia), Paleozoic Hydrocarbon Potential of North Africa (Marrakech, Morocco), Optimizing Exploration and Development in Thrust Belts (Santa Cruz, Bolivia), and Deepwater Exploration in the Columbus and Guyana Basins (Georgetown, Guyana).

Other offerings included the Playmaker forum series, which continued in partnership with the AAPG Division of Professional Affairs. This year's forum was held in May 2018 in Houston and focused on the Haynesville, Eagleford, and Austin Chalk resource plays of the Gulf Coast Region. Education also sponsored a successful GeoTour to Wyoming in August 2017 to view the total solar eclipse.

The success of that tour led to the development of a new GeoTour to Iceland, planned for the summer of 2019 as a combined geo-cultural experience. An additional tour to the geothermal regions of the Western United States is in the preliminary planning stage.

A novel partnership with AAPG's Deep Learning Technical Interest Group and Halliburton led to the first AAPG-Halliburton Hackathon, which provided a hands-on experience with hacking Python code in order to predict reservoir flow. The event attracted more than 120 geoscientists, engineers, and data scientists who worked together in teams that competed against each other and were judged by a panel of experts.

The exploration of new ways to deliver continuing education will continue in the future. Recommended for 2018-2019 is an effort to develop more formalized mechanisms for translating Education opportunities provided at regional conferences, international GTWs, and other venues (e.g. URTEC) more broadly to Association members.

Lori Summa, Chair

Field Safety

In the past year, the AAPG Field Safety Committee has accomplished the following.

1. We have reached the point where field trip participants are proactively asking about the safety aspects of trips, indicating that our ongoing efforts in field safety education are improving awareness and generating a "pull" for the field safety process.
2. The Committee completed the checklist to be used by peer reviewers of safety preparations for AAPG field seminars and ACE field trips. A checklist was constructed with input from various energy companies, universities, geological surveys, and safety organizations. The peer review is intended to assist the trip leader in ensuring that significant risks have been considered and reasonable preparations have been made. The peer reviews are volunteers who have been trained in the AAPG field safety course. The review concentrates on key aspects of technical, logistical, and safety preparations.
3. A continuing challenge is communicating expectations for field trip safety preparation to the field trip committee chairs for ACE meetings, because of the ever-changing roster of those serving in those positions.

Working with AAPG HQ support staff to clarify and communicate expectations to local ACE committees.

4. Trained 12 people in one session of Field Safety Leadership course in conjunction with the Geological Society of America. Attendees came from a variety of organizations: energy companies, other industries (mining), academia (primary, secondary, university), and the Children's Museum of Indianapolis. The session for AAPG in the spring was postponed due to change in personnel status at ExxonMobil; work continues apace to conduct the next session in March 2019.
5. Welcomed two new members to the Field Safety Committee.
6. Continued revisions and preparations for second edition of popular *Field Safety in Uncontrolled Environments* book.
7. Initiated collaboration with Geological Society of America on establishing a field safety interest group, to share common approach and lessons among programs. Began plans for a town hall session on emergency response plans and establishing an ongoing method for sharing safety lessons.

Kevin M. Bohacs, Chair

Geophysical Integration

The function of the Geophysical Integration Committee (GIC) is to promote and support the integration of geophysical data with geological and reservoir data by working with the Research Committee, Education Committee, Publications Committee, and with other professional societies in proposing, designing and conducting technical sessions, workshops and short courses at meetings and conferences, in preparing proposals for Hedberg Conferences and special publications, and seeking authors for technical papers for the *Bulletin* demonstrating the importance of geophysical integration. Geophysical Integration Committee also recommends candidates for editor for the Geophysical Corner published in the *EXPLORER*, works with the Geoscience Data Preservation Committee and Education Committee in preparing a listing of public domain geophysical data to promote the preservation of geophysical data; and facilitates inter-society cooperation with other geophysical societies, such as Society of Exploration Geophysicists (SEG), European Association of Geoscientists and Engineers (EAGE), and

American Geophysical Union (AGU). To accomplish these goals, the GIC is organized into three subcommittees: (1) AAPG/SEG joint sessions, (2) publications, (3) symposia and workshops.

Member Updates

At the Annual Meeting 2017, GIC welcomed three new members to the committee, Carmen Dumitrescu (president of Terra IQ, Calgary, Canada), Shahzad-Uhaq (Saudi Aramco, Saudi Arabia), Manoj Vallikkat Thachaparambil (Schlumberger, Houston).

In addition to that, after the Annual Meeting, GIC welcomed a new member, Conor Ryan (Tullow Oil), who is serving as SPE Ireland chairman and SPE International EPC. Besides the key members listed officially in the AAPG website, GIC has many other extended members, who always have innovative ideas and make great contributions for GIC successes.

GIC/AAPG had a big loss when Randy Ray passed away in the past year. Randy was one of the founders of GIC and a former leader in AAPG. We would like to express our deepest sympathy to Randy's family for the loss of their beloved husband and father.

AAPG ACE 2017-2018 Meetings - Awards

In the past few years, GIC has done tremendous works and been in charge of organizing all Geophysics Technical Sessions at AAPG ACE meeting. Here are some highlights of 2017-2018 activities of the Geophysical Integration Committee.

1. AAPG 2017 Meeting in Houston, GIC created Theme 9 – Geophysics “Integration of the Technology across the Business” with three full days of technical sessions with selected papers from more than 170 submitted abstracts (Theme 9 co-chairs: David Johnston, Huyen Bui). All the GIC's members and extended members have helped to review the submitted abstracts and to chair technical sessions. GIC also recruited some volunteers from universities and welcome some new members in the past year.
2. AAPG 2018 Meeting in Salt Lakes, due to some disconnection of the Technical Program Committee with AAPG Committees, most of the themes were organized by local committees. This issue was brought up during the AAPG Leadership Meeting in November

2017. The GIC could have some minor inputs to Theme 6 – Geophysics with total of four oral technical sessions and four poster technical sessions.

During the AAPG Leadership Meeting in November 2017, AAPG president Charles Sternbach agreed that the Technical Program Chair should contact AAPG committees for better organizing the themes and technical sessions.

3. GIC will nominate some members for AAPG Distinguish Service Awards: Steve Getz.

AAPG/SEG Collaboration

The GIC members play key roles in AAPG/SEG:

1. Robert Wiener the co-chairman of the Houston Geological Society's (HGS) North America group (2014-2017) and HGS vice president (2017-2018) organized two talks from prominent SEG members.
2. Joe Davis, AAPG Southwest advisory counselor
3. Hongliu Zeng is the deputy editor-in-chief for *Interpretation* journal.
4. Hongliu Zeng, David Johnston, Donald Herron, and Huyen Bui are on the editorial board of *Interpretation* journal.
5. Huyen Bui is member of SEG Earth Model Committee and Offshore Technology Conference (OTC) technical program committee.
6. Welcome to new GIC's member Conor Ryan is the SPE Ireland Chairman and SPE International EPC. We hope with the presence of Conor on the GIC, we can create a good collaboration between SPE and AAPG.

The GIC members and extended members are very active and play key roles not just in AAPG but also SEG and OTC, in which they are in the technical program committee for OTC (Huyen Bui http://2017.otcnet.org/Content/OTC-Committees/1020_1054/) and SEG annual meetings (Hongliu Zeng, Bob Hardage, David Johnston, Huyen Bui).

Publications – Journals

In terms of publications, the GIC members play key roles on the AAPG/SEG joint journal *Interpretation* editorial board: Kurt Marfurt is editor-in-chief; Hongliu Zeng is deputy editor-in-chief; and Donald Hearon, David H. Johnston, Tracy Stark and Huyen Bui serve on the staff.

<https://seg.org/Publications/Journals/-Interpretation/Editors-and-Staff>

Most of the AAPG's GIC members are also the active members in SEG and play

	SESSION TITLE	SESSION TYPE	Date & Time
1	Theme 9: Reservoir Characterization and Deep Water Exploration: Case Studies (AAPG)	Oral	Monday AM April 03, 2017
2	Theme 9: Non-Seismic Methods, Time Lapse Seismic and Rock Physics: Techniques, Integration Approach and Case Studies (AAPG)	Oral	Wednesday AM April 05, 2017
3	Theme 9: Integration of Geophysics With Geology: Theory, Workflow and Case Studies (AAPG)	Oral	Tuesday PM April 04, 2017
4	Theme 9: Seismic Attributes Interpretation and Integration in Exploration: Advanced Techniques and Worldwide Case Studies (AAPG)	Poster	Tuesday AM April 04, 2017
5	Theme 9: Rock Physics, Non-Seismic, 4-D Time Lapse and Microseismic: Integration and Applications (AAPG)	Poster	Monday AM April 03, 2017
6	Theme 9: Integration of Geophysics and Geology for Reservoir Characterization: Case Studies (AAPG)	Poster	Wednesday AM April 05, 2017
7	Theme 9: Seismic Stratigraphy - Techniques and Interpretation: Case Studies in Deepwater, Subsalt, Carbonates and Conventional Plays (AAPG)	Poster	Tuesday AM April 04, 2017

key roles in SEG's earth model, research, and technical program committees.

Below are some highlights of upcoming Special Sections in *Interpretation* Journal that the GIC members are involved in the organizing: <https://library.seg.org/page/Interpretation-special-sections>

1. Call for papers on Special Section: Geohazards and their Impact on Drilling and Development: Risks, Challenges, Assessment, and Real-time Best Practices. Organizers are Huyen Bui, Daniel Bean, Bill Berger, Eric Cauquil, Andy Hawthorn, Brett Judy, Andreas Laake, William Sager, Craig Scherschel, Niall Slowey, Fabian Vera, and Steve Wardlaw (will be published November 2019).
2. Call for papers on Special Section: Near-field Exploration and Development: Concepts, methodologies, challenges, and case studies. Organizers are Huyen Bui, Vivian Lee Cathey, Phil Christian, Wenceslau Gouveia, Michael Putnam, Conor Ryan, Mark Smith, Steven Tobias, Rune Wold (will be published August 2019).
3. Shale Oil and Gas Enrichment Mechanisms and Effective Development: Concepts, Methodologies, and Case Studies. Organizers are Dengliang Gao, Zhijun Jin, Taizhong Duan, Hongliu Zeng, Satinder Chopra, Tim Carr, Kurt Marfurt, Jamie Rich (published November 2018).

4. *Interpretation* pitfalls. Organizers are Don Herron, Bill Abriel, Eric Ekstrand, Bob Wegner (published November 2018).
5. Recent Advances in Geology and Geophysics of Deep-Water Reservoirs. Organizers are Shu Jiang, Hongliu Zeng, Lorena Moscardelli, Grant Wach, Flávio J. Feijó, Michael Gardosh, Tao Jiang, Hongtao Zhu, Sverre Henriksen, Sudeep Kanungo (published in November 2018).
6. Gas Hydrates in South China Sea. Organizers are Guangfa Zhong, Hongliu Zeng, Shengxiong Yang, Jinqiang Liang, Xuewei Liu, Xin Su, Xiujuan Wang, Changling Liu, Ming Su (published in August 2017).
7. Computer-assisted Seismic Interpretation Methods. Organizers are David Johnston, Geoffrey Dorn, Sergey Fomel, Jesse Lomask, Murray Roth, Tracy Stark (published in August 2017).
8. Seismic Inversion - Conventional Seismic Impedance Inversion and Advanced Seismic Inversion Techniques: Developments, Workflow, and Case Studies. Organizers are Huyen Bui, Arthur Weglein, Oswaldo Davogusto Cataldo, Sunil Kumar, Scott Singleton, Malleswar Yenugu, Samarjit Chakraborty, Ramses Meza (published August 2017).
9. Source-to-Sink System Analysis of Petroliferous and other Sedimentary

Basins. Organizers are Hongtao Zhu, Lesli Wood, Ron Steel, Xiaomin Zhu, Zaixing Jiang, Cornel Olariu, Keyu Liu, Hongliu Zeng (published November 2017).

10. Geocellular Models. Organizers are Sharma Dronamraju, Michael Pyrcz, Michael King, Kurt J. Marfurt (Call for abstracts deadline in August 2017).

Proposed Upcoming Activities and Recommendations to AAPG

The GIC organized two meetings on May 18 and June 22, 2016, to propose upcoming activities for 2018-2019 and long-term planning of the committee with the attendance of GIC key and extended members.

Attendees:

- AAPG-GIC members: Hongliu Zeng, Manoj Thachaparambil, Conor Ryan, Tom Moon, Joe Davis, Rob Wiener, Shahzad-Uhaq, Steve Getz and Huyen Bui.
 - SEG: Bill Barkhouse, Bill Abriel
- During the meetings, we looked back at some of the achievements of the GIC in FY 2017-2018 with some successful outcomes can be summarized below.
- Publications in *Interpretation* journal
 - Successfully organized technical sessions on geophysics for 100 years at the AAPG ACE meeting 2017 in Houston.
 - Successfully reviewed submitted papers and organized technical sessions in OTC 2018.

- GIC has strong collaboration with sister societies such as SEG, SPE through OTC that has been well recognized by both AAPG and SEG.
- GIC's integration intention and collaborative ideas through its key member Rob Wiener has led to great collaboration and joint sessions of the local societies in Houston (HGS and GHS).
- Recruited new members that can bridge AAPG with SPE.
- Involved the students in GIC's activities (e.g., reviewing and chairing technical sessions).

We have discussed AAPG ACE and have some recommendations as below.

- GIC needs help from AAPG liaisons Dan Schwartz and Susan Nash to get in touch with the technical program chair of ACE in advance to have control and input on geophysics theme and geophysics technical sessions.
- Organize geophysics special sections at ACE to promote a cross discipline integration approach, geophysical techniques and technology to understand and solve geological problems, such as (1) special section on the evolving role of seismic in reserves and resources estimation and classification; (2) special section on four-dimensional seismic applications.
- Invite at least one keynote talk for the geophysics technical sessions at ACE.

The GIC's proposed 2018-2019 activities by continuously to keep up all ongoing activities during the past years. In addition to that, the Committee also proposed to expand collaboration with SPE in publications, continuously strengthen collaboration with OTC and SEG.

The GIC would like to have support from AAPG for the Distinguish Award for Steve Getz, the former chair of GIC for his excellent contributions to AAPG.

We would like to express our acknowledgements to AAPG for continuous support to our Geophysical Integration Committee, especially thanks to all of our GIC's members for their great efforts and contributions for successful outcomes of the Committee and of AAPG.

Huyen Bui, Chair

History of Petroleum Geology

A summary of the committee's activities is included below.

1. Historical Highlights were included in AAPG *EXPLORER* issues throughout the year. This effort was headed by Hans Krause.

2. The History of Petroleum Geology (HoPG) special session was held at AAPG ACE 2018 in Salt Lake City in May 2018. Fourteen abstracts were submitted; two were accepted for special sessions; nine were presented in HoPG session. The special session was co-chaired by Matt Silverman and Drielli Peyerl.
3. A HoPG special session is planned for AAPG ACE 2019 in San Antonio. Co-chairing this session is Matt Silverman and Amanda Haddad. Nine abstracts were submitted.
4. Members of the HoPG committee also participated in the 2018 Petroleum History Institute meeting. Robbie Gries was given the "Keeper of the Flame" award for her work on the *Anomalies* book and *Rock Stars* documentary.
5. Co-Chair Amanda Haddad is working with AAPG to build an online blog for the committee on the AAPG website. Topics will vary but will include advertisements and recaps of AAPG events, *EXPLORER* highlights, historical tidbits, summaries of trips, biographies of petroleum geologists, etc.
6. "Friend" of the HoPG committee Rog Hardy is working on tightening up and cleaning up the historical references on the AAPG site and a searchable database.

Amanda Haddad, Co-Chair

Erika Davis, Co-Chair

Investments

The AAPG portfolio started the fiscal year with \$16,166,546 and ended with \$16,304,797. During the year, AAPG withdrew \$1,000,000 resulting in a return of 7%. The excess funds of \$2,678,695 are invested in exchange traded funds and mutual funds so that we will have ready cash for anticipated requirements. The current allocation of the portfolio is as follows.

United States Equity	54.6%
Non United States Equity-Developed	19.9%
Non United States Equity-Emerging	5.2%
REITs	2.2%
MLPs	4.4%
Money Market funds	15.9%

We are planning to change to Vanguard as a new investment advisor. We also are debating the allocation under the new advisor.

John A. Brock, Chair

Preservation of Geoscience Data

The Committee met in Salt Lake City at the AAPG Annual Conference and Exhibition on Tuesday May 22, 2018. Thirteen members of the Committee were in attendance. Ten met in person and three called in.

Beverly DeJarnett, a long serving member of the Committee, recapped the successful Core Display prepared by Committee members for the 100-year celebratory ACE meeting in Houston in 2017. It established a precedent that was also followed in 2018 at the Salt Lake City ACE meeting of having a very nice Core Display in the exhibit hall during the meeting.

The Committee had extensive discussions among the members about numerous aspects of geoscience data and core and sample preservation. Considerable discussion focused around making more data available digitally. Several efforts were recognized in the area of core photography. The Bureau Economic Geology at The University of Texas has done some trials with core photography and the US Geological Survey has numerous well cores already online. The Kentucky Geological Survey investigated had a commercial service photograph the cores, but the cost seems to be prohibitive.

Discussions also focused on providing public listing of all the data and sample preservation facilities throughout the United States. The US Geological Survey has such a document on their National Geological and Geophysical Data Preservation Program website and would allow us to link to that. Bev DeJarnett also indicated that she has compiled a similar list that also included some international repositories. The Committee plans to have this information accessible on its web site.

William B. Harrison, III, Chair

Publication Pipeline

Goals

The Committee's primary goal is to be a "pipeline" of donated geo-technical publications to requesting and qualified overseas universities. This entails an efficient process for intake, inventory, and shipping. We also most often obtain industry sponsors for shipments, a win-win proposition.



Noble Energy & Publication Pipeline volunteers preparing pallets for shipment. We are having a “Wrap Party”... Shrink wrap that is. Location: AAPG warehouse NE Houston, TX.

The Committee encounters ongoing logistics challenges, especially about coordinating shipments with recipients and donations of generous sponsors. Therefore we have no set timetable for sending a certain tonnage but are confident that we can keep fulfilling our mission. We continue to make good progress in identifying recipient universities, and in most cases finding sponsors for shipments to new countries. In order to minimize storage costs we strive to match incoming and outgoing volumes.

Activities Update

We held 10 committee meetings in Houston from July 2017 through June 2018; in addition we had many work sessions at our warehouse to sort, inventory, box, and palletize publications - most often on Saturdays, but we who can have worked occasional weekdays. Our warehouse, Unit #306 at 6830 Eldridge in western Houston, has a small office space for use when we are working.

Over the past 12 months we have received a steady stream of publication

donations from individuals, for which lists are available and letters of acknowledgement are being sent. We also have been offered sizable donations of publications from various institutions, including the University of Houston and AAPG.

This year, we prepared and shipped 35 pallets, amounting to approximately 26 tons of books and journals in two major lots, one to the Democratic Republic of Congo (DRC), another to Cameroon. The most recent shipment was sponsored by Noble Energy and went to the Ministry of Education, Cameroon. These 15 pallets left Houston May 20, 2017, and were scheduled to arrive in Douala, Cameroon July 6, 2018. We were very happy to have had assistance from a volunteer team of 10 Noble employees preparing the pallets for shipment. The other actually started its journey late in the previous fiscal year near the end of June 2017. The 20 pallets traveled from Houston by sea to Dar es Salaam, Tanzania, then overland through Malawi and Zambia, finally arriving at their destination, the Geology Department, University of Lubumbashi (DRC) in late September 2017 – quite an accomplishment. Several photographs from recipients show their appreciation and happiness at the arrival of the donations which we facilitate on AAPG members’ and sponsors’ behalf.

Currently we are preparing to make shipments to several universities around the world. Also, we have a new set of officers who will serve terms of three years.

Additional Volunteers Needed

We have had the pleasure of welcoming new members to the Committee, and yet we would like to have more. What we need you for is this: (1) participate in our monthly meetings; (2) help find donors, recipients, and sponsors; and (3) work in the warehouse moving boxes, assisting in the inventory process, and palletizing in preparation for shipment. Oh, we also like to go out to lunch after our meetings and work sessions and gather to celebrate our successes!

Art Browning, Chair

Regions

Purpose

The Regions Committee was established to assist and advise the leaderships of the six AAPG Regions by providing an interface with the AAPG Regions Vice President, Sections, HOD and AAPG staff and to



provide representation of the Region leadership if required. This is, in part, a recognition that Regions differ from Sections in many critical ways since Regions do not operate independently and are therefore reliant on the society for funding and management.

FY 2017/2018

During the fiscal year 2017/2018 the Regions Committee was active in the following.

- Hosting a monthly Region presidents call with the AAPG Region vice president, AAPG president, headquarters managers and directors, and invited guests
- Interfacing with the GEVo Committee to assist AAPG assess and understand the viability of international locations for the annual ICE events. Also, help assess regional joint conferences or technical workshops with other societies such as SPE, EAGE, and SEG.
- Advise and coordinate with Region's efforts with membership, Distinguished Lectures, Visiting Geologist Program, and other programs
- Region specific sessions held under
- Assist and help coordinate International sessions during ICE 2017 in London
- Assist the Region's vice president compile each Region's best practices – see "Region Best Practices" section below.
- Assisted Regions with Imperial Barrel Award as needed
- Proposal put forward for each Region president to host the monthly Region call on a rotational basis.

Notable Region events

Africa Region

■ Region hosting the 2018 International Exhibition & Conference (ICE) in Cape Town, South Africa during the period November 4 – 7, 2018. This ICE will be held in conjunction with Africa Oil Week. The first-ever joint panel session between AAPG and the AIPN (Association of International Petroleum Negotiators) will be held during the Cape Town ICE.

■ A Geosciences Technology Workshop focused on the Paleozoic Hydrocarbon Potential of North Africa was held in Marrakesh, Morocco during November 2017.

Asia Pacific Region

■ Hidden Potential in Mature Basins: Play Analogs and Best Practices. Bandung, Indonesia, September 2017

■ Oil and Gas Deposits of India: Exploration and Production Challenges

and Opportunities, Mumbai, India, December 6-7, 2017

■ Pore Pressure and Geomechanics: From Exploration to Abandonment, Perth, Australia; June 6-7, 2018

■ Looking at China as a country with enormous potential for membership growth. China contributes bulletin papers far exceeding their membership footprint.

■ Other initiatives are possibly working with SEAPEX for a conference in PNG and reaching out to PESA for future joint events.

Canada Region

■ Canadian Society of Petroleum Geologists (International Division) and the AAPG Canada Region cohosted a series of talks over the winter and spring months including topics such as "Shale Gas and Shale Oil Basins around the World" presented by Scott Gardiner, "Cuba – 26 years and 225 Million Barrels Later" presented by Curtis Evert, "3D GAIA: Virtual Reality for the Oil Industry" presented by Claudia Ruiz-Graham, and "Petroleum Geology of the Levant Basin, Southeast Mediterranean Sea": A Successful Exploration History presented by Craig Bolland.

■ AAPG Canada Region Young Professionals presented a speaker series including topics such as "The Traits of a Great Petroleum Geologist" presented by Patricia Cowan, and "Me and My G: Geology and Geophysics a Match Made by Earth" presented by Faye Warrington and Shannon Hiebert

■ AAPG Canada Region has eight currently active student chapters across the region. The student chapters hosted a variety of lecture series and field trips over the past year

■ University of Calgary represented Canada in the global IBA competition held during ACE in Salt Lake City, Utah

European Region

■ Initiative underway to cooperate with the PESGB on events.

■ Various GTWs held as well at hosting the Global APEX in London in March 2018.

■ The Region hosted ICE 2017 in London during October 2017.

Latin America

■ Successful GTWs in Guyana and Bolivia

■ Student & YP leadership summit in Bogota, Colombia

■ Preparation for ICE in 2019 to be held in Buenos Aires, Argentina

■ First Energy Opportunities Conference in Cartagena, Colombia

Middle East

■ GTWs held in Lebanon, Oman, and other locales

■ GEO2018 held in Bahrain during March 2018. Successful event co-hosted by AAPG, SEG, and EAGE.

Region Best Practices

The following compilation of recommendations and proposals for the Regions were discussed at the Leadership Days and business meeting held in Houston in October 2016 and November 2017, in subsequent meetings with Region and Section leadership, program managers, AAPG Region vice president Peter Lloyd and David Cook, DPA and select committees as well as AAPG headquarters directors.

- Consider Region representation on all AAPG Committees and Division councils.
- Standardize the Region Councils and provide a template for putting together a business plan. In addition, involve the Council in budget planning.
- Consider organizing a Corporate Advisory Board for each region with representation from major operators, IOCs and NOCs, as well as mid & small cap companies and service providers.
- What is the true value of affiliated societies and how to best ensure close cooperation.
- Regions are well positioned to partner with "sister societies" so how best to determine the value to AAPG.
- Consider whether all Region IBA semi-finals be conducted in virtual reality.
- Evaluate and provide estimates of the cost benefits of a China region or at a minimum greater alliance with Chinese universities, institutions, and industry companies.
- Continue to share each Region's best practices and document for circulation to Region Leadership, Sections, AAPG staff, committees, and Executive Committee.
- Some of the most successful recent Region events have emphasized the business aspects of the oil and gas and energy business. Regions should consider convening more business-oriented meetings, GTWs, and other events in the future.
- Lock in a three-year rotation for ICE so as to avoid conflict with other regional meetings and maximize planning efficiency.

David Blanchard, Co-Chair
Victor Vega, Co-Chair

Research

Following submission of a revised mission statement and reorganization discussions with the AAPG Executive Committee, the Research Committee (RC) focused on revitalizing the Hedberg

Research Conference process in the 2017-2018 fiscal year. Hedberg Conferences have clearly been challenged by the difficult industry environment of the last several years. Given a mandate to focus on economic viability as well as scientific significance of future Hedbergs, the Research Committee developed a new set of standard guidelines and criteria for proposing and evaluating Hedberg Conferences. During the 2017-18 fiscal year, the RC received four proposals. One of these had been submitted in the 2016-17 fiscal year but was revised under the new guidelines and provisionally accepted in the 2017-18 fiscal year. A key provision in the new guidelines is that AAPG maintains the right to limit its financial liability to a prospective Hedberg by withdrawing its monetary backing and staff support if the conference fails to show sufficient registration/participation and/or corporate sponsorship prior to the meeting. This was invoked for the "Geology of Middle America – The Gulf of Mexico, Yucatan, Caribbean, Grenada and Tobago Basins and Their Margins" Hedberg Conference that was scheduled for July 2018 in Sigüenza, Spain. Despite withdrawing financial backing, AAPG allowed the use of its and the Hedberg names for the meeting, which went forward without our active support.

Three proposals for new Hedberg conferences were received by the RC during the 2017-18 fiscal year, all of which were sent back for revision according to the new guidelines. The revisions and evaluations thereof stretched past the 2017-2018 fiscal year, but all have been favorably reviewed and accepted. Should the registration and sponsorship results merit, there will be three Hedberg Conferences in 2019, two of which are currently scheduled for the 2018-2019 fiscal year:

- The Evolution of Petroleum Systems Analysis: Changing of the Guard from Late Mature Experts to Peak Generating Staff, scheduled for Houston, March 2-4, 2019
- Hydrocarbon Microseepage: Recent Advances, New Applications, and Remaining Challenges, scheduled for Houston, June 18-20, 2019
- Geology and Hydrocarbon Potential of the Circum-Gulf of México Pre-Salt Section, scheduled for Mexico City at a time still to be determined in 2019.

Part of the AAPG RC mission is to provide resources for technical program organization and abstract review for AAPG conferences. The RC is available to assist

with conference planning and abstract review as requested. Internal RC discussions on expanded tasks which have received generally favorable response from the AAPG EC are ongoing. The Research Committee reduced its membership substantially during the 2017-18 fiscal year by the simple expedient of removing those nominal members who never attended meetings, never evaluated a Hedberg Conference proposal, or never responded to emails. New membership is being sought.

John R. Suter, Co-Chair

Jean Yves Chevallier, Co-Chair

Reserve Evaluation

The Committee on Reserve Evaluation (CORE) provides a vital service for the AAPG membership. We are the AAPG's voice on resource and reserve assessment with the organization, CORE also provides opinion and advice to sister societies and other entities such as the US Geological Survey (USGS).

This past year has seen the resurgence of CORE with a reduced committee membership. As of this writing, it is a six-person committee with a decidedly international leaning, as that is the origin of significant.

Activity 1

The CORE is currently involved with the validation and support of the USGS resource aggregation methodology. Our involvement resulted at the request of an AAPG member who pointed out that the "AAPG approved" aggregation method cited by USGS is no longer current. Review of the method confirmed statistical and aggregation errors. As such CORE has asked USGS to temporarily refrain from citing "AAPG approved" on their assessments.

CORE members met with USGS personnel at their Denver facility and plan to support and advise the USGS on aggregation methods with a planned joint review at ACE 2019.

Activity 2

One of the CORE members was selected by the AAPG Executive Committee to chair a special committee and represent AAPG at the PRMS revision. CORE members were offered the opportunity to provide comments on the potential revisions and the process.

Activity 3

The CORE members are participating in the potential rejuvenation of JCORET with an eye to the potential establishment of Certified Reserves Assessor under the oversight of the Division of Professional Affairs. This effort is in its initial stages.

AAPG has had CORE as well as the DPA's Reserves Committee. As there seems to be a duplication of services provided to membership, the current CORE chair is also the current DPA Reserves Committee Chair. The recommendation has been made to combine the two entities within the Division of Professional Affairs.

The CORE has no budgeted funding from AAPG. Members' travel and accommodation expenses are paid by the member.

William Haskett, Chair

Sections

During the 2017-2018 reporting period, the section presidents and their president-elects, AAPG leadership, and invited guests participated in monthly conference calls. The goals of these "Sections Calls" are to (1) communicate AAPG programs, initiatives, and upcoming events and (2) promote collaboration and best practices across Sections. The calls were moderated by Dallas Dunlap (Section Committee chair, 2017-2019) and Dan Shultz (vice president of Sections, 2016-2018) and administered by Karin Alyea (AAPG Programs). The majority of calls hosted at least one representative from each of the sections, with the exception of Pacific often having a scheduling conflict. The Section Calls gave the Section's leadership the opportunity to promote annual section meetings and make inquiries of AAPG programs directly to AAPG staff. In addition to the monthly calls, the VP of Sections and Committee Chair act as primary contact points/liaisons between Section presidents and AAPG.

This past year we initiated two enhancements to the traditional monthly program. First, we added additional mechanisms to better articulate best practices that could be communicated to other Sections. This included having more opportunities to discuss subjects such as profitability and components of annual meetings and trends within the E&P industry. Second, we asked section presidents to highlight an affiliated society for each section during their Section reports to promote understanding of the concerns and motivations of membership

and mechanisms to add value from AAPG to the affiliated societies. While a valuable exercise, these two agenda changes only showed marginal improvements to call involvement. The presidents typically only knew much of the local dynamics of their specific home affiliated societies, which along with best practices, were typically reflected in their section reports that were often reiterated many times throughout the year. The most influential components of the call tended to come from the interjection of AAPG program knowledge and HOD updates from AAPG, HOD leadership, and staff. There is often a disconnect between activities in Tulsa and what is heard at the affiliated society and section level, suggesting that AAPG involvement in the call is critical for membership awareness.

Going forward, we identified two primary areas of improvement to be addressed: lack of call involvement and interaction and repeated Section reporting with little broadly applicable impact. To address these concerns, Jeff Aldrich (vice president of Sections, 2018-2020) and the Committee chair will remove the section reports from the active meeting and have short written Section reports be made available to all attendees prior to the call for review. While these section reports are an opportunity to promote activities within Sections, the most significant and relevant information were often not highlighted or overlooked within the oral reports. While removing the section report component of the program, we will expand the discussion section of the monthly agenda with the goal to single out the most pertinent key elements to be introduced for discussion. This addition of time in the agenda will allow for deeper discussions of existing and new AAPG programs and more knowledgeable guest speakers. One of the fundamental weaknesses identified this year was a lack of synergy between AAPG programs particularly at the section and affiliated society level, for one example, affiliated societies and university student chapters not communicating and coordinating speakers from DL, VGP, or outside of Sections. The approach with more emphasis on AAPG programs will hopefully produce a more informative call, identify areas of collaboration, and promote more targeted and fruitful discussions. We intend to have 10 monthly calls with the first call beginning August 21. We look forward to working with the EC and AAPG leadership this upcoming year and promoting the theme of sustainable resource recovery.

Dallas B. Dunlap, Chair

Student Chapters

The Student Chapters Committee held monthly conference calls to engage liaisons and improve communication of the committee. A student chapter reception was held at ACE and there was recognition of the student chapters via yearly reports and a YouTube competition. The Region and Sections held local student chapter leadership summits as they were able.

New proposals or items that were considered included no new additions implemented during the fiscal year. Recommendations for the present and future were a proposal Global Student Chapter and Young Professional Leadership summit, which was carried out in 2018. Continuation of monthly conference calls for transparency across the committee was also recommended.

Liaison transitions happened smoothly and the Committee have filled all the Section and Region spots. The Committee also focused on encouraging all liaisons and students to spread the word on getting more involved with AAPG at their chapter.

Ali Sloan, Co-Chair

Scott Douglas, Co-Chair

Visiting Geoscientists

The 2017-2018 Visiting Geoscientists Program (VGP) Special Interest Group (SIG) continued its critical role to engage and inspire student and emerging earth scientists across the globe. The program reaches out to schools receiving less industry interaction and supports their programs with timely technical presentations, tools for building lasting careers in the industry, and insights on the types of work for which they may expect in a fast-moving energy future. This year was one of the strongest yet; Robbie Gries and Piotr Krzywiec led a team of 203 dedicated Visiting Geoscientists who at the conclusion of 2018 presented over 200 talks and over 30 online modules. With this strong number of campus visits, the SIG was able to present to a total of 10,829 students over the year. If the number from online seminars is included, it is over 25,066 individuals. These visits and online seminars are often the first exposure of AAPG to undergraduate geoscience students and represent a critical role in expounding on the benefits of a career in the industry and the relationships built at AAPG. Although not every VG was able to present in 2017-2018, there were several that were able to give an exorbitant amount

of time to this effort, this included 4 who visited 10 or more schools. They included Fred Schroder in the United States and Canada, Dwandari Ralanarko from Asia-Pacific, Samir Adbelmoarty from North Africa, and Herman Darman from Asia-Pacific.

Fred Schroder led an effort in the spring of 2018 to initiate and evaluate the effectiveness of virtual presentations (independent of his popular online seminars) in Europe and Sub-Saharan Africa. Fred presented a one-hour presentation in March to schools in Romania, Hungary, and Poland with a total attendance of 61 and in April presented to more than 100 students across three schools in Nigeria. The test went off extremely well with little or no financial cost and only some lessons learned with regard to audio interactions. The feedback was universally positive! We feel that this is a priority tool for future program growth especially in geographically remote locations. Dr. Schroder will complete a best practices document and begin efforts to broaden this initiative further.

Dallas Dunlap will be joining Piotr Krzywiec as co-chair for the SIG in 2018 and they both have numerous goals for the upcoming year. Firstly, the program will finalize the procedure for the virtual visits and begin to accelerate the deployment of those talks across sections and regions. AAPG technical support is critical to make this program a success. In addition, with the rapid growth of the program over the recent years, the SIG will be working with AAPG to modernize the online reporting procedures for VGs and school liaisons to better capture the performance of the program and update the web tools so schools can more easily locate VGs and specific subject matter that interests their student membership. Also, we would like to publicize that the SIG members are available to other AAPG programs such as regional meetings or expos where student focused content is requested and we hope to encourage schools without a student chapter to look to the VG program to populate their technical seminar series.

The SIG continues to actively recruit new VGs and encourage existing VGs to refine presentations with evermore-timely content and with broad science for schools with different geologic foci to draw from. In 2017-2018 we further recruited several new section and region coordinators to help manage the number of requests from schools and supply the VGs with logistical or AAPG support. The coordinators work closely with AAPG region staff liaisons to synchronize programs across the regions. We greatly thank all of the VGs, coordinators and AAPG staff for a job well

done. Lastly, this program would not be possible without the financial support of AAPG and with that support; we are able to make a contribution to tomorrow's geoscience and engineering workforce.

Dallas Dunlap, Co-Chair

Piotr Krzywiak, Co-Chair

Young Professionals

This annual report of the Young Professionals Special Interest Group (YP SIG) aims to provide a high-level overview of the activities that were organized during the 2017-2018 fiscal year. For further details, feel free to contact the SIG leadership committee chairs.

The 7th Young Professionals Leadership Summit was hosted in Houston, Texas, on November 17, 2017. Seven YPs from Houston discussed the way forward for YP initiatives in AAPG. Although this YPLS was of much lower attendance and did not comprise representatives from AAPG's diverse membership, it was attended by some of the organizations most dedicated to young professionals. The meeting consisted of breakout sessions where YP attendees reviewed and discussed the four major focus areas of the YP SIG (Technical Excellence, Membership Recruitment/Retention, External Partnerships, and Development) that were established at the 2015 YPLS. The participants also discussed the decision by AAPG HQ to halt funding of the YPLS. During the Sunday wrap-up of AAPG Leadership Days, YPs voiced their concerns regarding this funding decision, and recommended that AAPG reinstate the YPLS as this event has helped to create and train some of AAPG's rising stars.

At the Annual Convention and Exhibition in Salt Lake City on May 20-23, 2018, the Young Professionals organized a packed program. Sunday, the popular meet-and-greet drew a crowd of several hundred people prior to the opening ceremony and icebreaker reception. Later that evening, the YP Networking Reception, generously sponsored by Noble Energy and Shell, drew over 100 people for lively discussions with new and old friends. Finally, on Wednesday, a special session was hosted by the YPs and Division of Professional Affairs. The session, "The

Future Energy Geoscientists," brought together a rich collection of career-oriented talks for a packed audience. Overall, this session was well attended. The interactive feature that allowed meeting participants to question the panel using their mobile phones was a particular hit, with anonymous (and rather tough) questions creating very important dialogue.

Communication with the membership is another key task of the SIG leadership committee which we accomplish through our monthly ProTracks article in the AAPG *EXPLORER*, as well as by maintaining an active online presence on Facebook, LinkedIn, Twitter, Instagram and the AAPG website. This year, the committee has focused on updating the membership on the SIG's major focus areas. ProTracks articles like "YPs and Students Enjoy Rich Program at GEO 2018," "The YP and Student Experience at ICE," and "YPs Enter a New Era with SIG, Leadership Team," directly address the many initiatives coming from the YP SIG to grow, engage, and retain members. Additionally, the YPs have been very proactive in alerting not only the YP SIG members, but the entire AAPG membership, of the newly established mechanism for joining the SIGs and TIGs.

Last but not least, the committee has an important role as a conduit for sharing information between the Sections and Regions about the activities that are organized by the global network of YP Chapters, as well as at Section, Region and local society events. The YP chapters have been extremely busy engaging their members and furthering the mission of the YPs. Here is a taste of the activities that our groups have engaged in this fiscal year:

- Africa Region – Leadership series in conjunction with NAPE interviewing a variety of high-profile industry and professional leaders; online technical peer discussions to share key technical ideas; outreach program with high school students to introduce geology.
- Asia/Pacific Region – Mubarak career talk series; YP technical workshop and short course for near surface geology; YP joint convention meeting; field trip to

Krakatau to examine petroleum geology of the Sunda Strait.

- Canada Region – Speaker series program in partnership with SEG Canada and CSPG; multiple volunteer and social events.
- Europe Region – Multiple field trips and short courses in London, Bucharest, and the Netherlands; career talk series at multiple universities.
- Latin America Region – Revamp of the Visiting Geoscientist program in the Region; plans to create new YP chapters in Ecuador and Guyana; multiple field trips and lectures, particularly in the Trinidad and Tobago chapter.
- Middle East Region – Multiple combined student events in partnership with EAGE and SEG.
- Eastern Section – Multiple networking events.
- Gulf Coast Section – Multiple networking events.
- Mid-Continent Section – Multiple social events in conjunction with the Oklahoma City Geological Society; 7th Annual Energy Forum with AAPG YP and SPE YP chapters attracted more than 350 YPs.
- Pacific Section – YPs attended the annual PSAAPG Convention in Bakersfield; introduction of Erica Rubino as the new YP lead for the Section.
- Rocky Mountain Section – Speaker series and networking events; introduction of Maggie Silvertooth and Nico Kernan as the new YP co-leads for the Section
- Southwest Section – Numerous networking events and lunch-and-learns, including hosting the Dallas Geological Society Crawfish Boil and attending a Midland Rockhounds baseball game; introduction of Lauren Dietzel as the new YP lead for the Section.

Moving forward, the YP SIG will continue to concentrate on the four focus areas that were revisited and revised from the 7th annual YPLS, as well as to continue to meet the needs of our members in a challenged economic and membership retention environment.

Robynn Dicks, Co-Chair

Ryan Lemiski, Co-Chair

Association Awards

Sidney Powers Memorial Award

The Sidney Powers Memorial Award (AAPG'S most distinguished award) is a gold medal given in recognition of distinguished and outstanding contributions to, or achievements in, petroleum geology.

1945 — Wallace E. Pratt
1947 — Alexander Deussen
1948 — A. I. Levorsen
1950 — Everette L. DeGolyer
1951 — Max Steineke
1952 — K. C. Heald
1953 — Frederic H. Lahee
1954 — George Martin Lees
1956 — William Embry Wrather
1957 — J. P. D. Hull
1958 — Paul Weaver
1959 — Raymond C. Moore
1960 — Henry V. Howe
1961 — Clarence L. Moody
1962 — Lewis G. Weeks
1963 — Hollis D. Hedberg
1964 — Edgar W. Owen
1965 — Victor Elvert Monnett
1966 — William B. Heroy, Sr.
1967 — Carey Croneis
1968 — Maurice Ewing
1969 — Ira H. Cram, Sr.
1970 — Frank R. Clark
1971 — Frank A. Morgan
1972 — Morgan J. Davis, Sr.
1973 — Gordon I. Atwater
1974 — G. Moses Knebel
1975 — Dean A. McGee
1976 — W. Dow Hamm
1977 — Michel T. Halbouty
1978 — Kenneth H. Crandall
1979 — William Hirst Curry, Jr.
1980 — Kenneth K. Landes
1981 — Mason L. Hill
1982 — Daniel A. Busch
1983 — Grover E. Murray
1984 — Robert J. Weimer
1985 — J. Ben Carsey
1986 — Merrill W. Haas
1987 — James E. Wilson
1988 — Rufus J. LeBlanc, Sr.
1989 — Hugh Neumann Frenzel
1990 — John T. Galey
1991 — John E. Kilkenny
1992 — Sherman A. Wengerd
1993 — Robert R. Berg
1994 — William L. Fisher
1995 — John D. Haun
1996 — Bernold M. Hanson

1997 — Robert D. Gunn
1998 — Albert W. Bally
1999 — Norman H. Foster
2000 — Gerald M. Friedman
2001 — Robert M. Sneider
2002 — James L. Wilson
2003 — Peter R. Vail
2004 — Lawrence W. Funkhouser
2005 — Kenneth W. Glennie
2006 — Robert M. Mitchum, Jr.
2007 — Arnold H. Bouma
2008 — Fred F. Meissner
2009 — Marlan W. Downey
2010 — L. Frank Brown, Jr.
2011 — John W. Shelton
2012 — Koenraad J. Weber
2013 — Dietrich H. Welte
2014 — Ernest A. Mancini
2015 — Paul M. "Mitch" Harris
2016 — Paul E. Potter
2017 — Lawrence D. Meckel, Jr.
2018 — Michael C. Forrest

Michel T. Halbouty Outstanding Leadership Award

Michel T. Halbouty Outstanding Leadership Award (AAPG's second most distinguished award, second to the Sidney Powers Memorial Award) is given each year by the Association in recognition of outstanding and exceptional leadership in the petroleum geosciences.

2007 — John J. Amoruso
2008 — James A. Gibbs
2009 — M. Ray Thomasson
2010 — Patrick J. F. Gratton
2011 — Daniel L. Smith
2012 — Robbie R. Gries
2013 — Stephen A. Sonnenberg
2014 — Peter R. Rose
2015 — Alfredo Eduardo Guzmán
2016 — Scott W. Tinker
2017 — Edward D. Dolly
2018 — Hans H. Krause

Honorary Member Award

Honorary membership is bestowed upon persons who have distinguished themselves by their service and devotion to the science and profession of petroleum geology and the Association.

2018 Recipients

Jeffrey B. Aldrich
Edward A. (Ted) Beaumont
Gretchen M. Gillis
Jeffrey W. Lund
David G. Rensink
Paul Weimer

Katharine "Lee" Avary, 2017
Mahmoud Abdul-Baqi, 2003
Adekunle A. Adesida, 2012
Adebayo O. Akinpelu, 2010
Ibrahim A. Al-Jallal, 2012
Hussain M. Alotaibi, 2016
Abdulahman Alsharahan, 2015
John Armentrout, 2014
Albert W. Bally, 1986
William J. Barrett, 2015
István Bérczi, 2014
Lee T. Billingsley, 2012
Richard S. Bishop, 2006
George R. Bole, 1999
Dudley W. Bolyard, 2012
Louis C. Bortz, 1988
James "Jim" Brooks, 1993*
John R. V. Brooks, 1997*
Martha Lou Broussard, 2004
David G. Campbell, 1995
Elizabeth B. Campen, 2009
Paul A. Catacosinos, 2000
Donald D. Clarke, 2014
Stewart Chuber, 2004
James M. Coleman, 2002
David R. Cook, 2017
Robert L. Countryman, 2011
Robert D. Cowdery, 1987
Brenda K. Cunningham, 2001
Edward K. David, 2005
Herbert G. Davis, 1986
Gerard J. Demaison, 1995
Rebecca Lee Dodge, 2016
Edward D. Dolly, 2007
Wallace G. Dow, 2015
Bernard C. Duval, 1995*
George Eynon, 2008
William L. Fisher, 1990
Peter T. Flawn, 1983
Michael Forrest, 2016
Lawrence W. Funkhouser, 1984
Lee C. Gerhard, 1997
James A. Gibbs, 1995
Ned (E. E.) Gilbert, 2001
Robert N. Ginsburg, 1991
William E. Gipson, 1991
Kenneth W. Glennie, 2003
Steven M. Goolsby, 2017
Claus Heinrich Graf, 1996*
Patrick J. F. Gratton, 2002
Willard R. Green, 1998

*Distinguished Achievement Awardee

Robbie Rice Gries, 1998
 Walter P. Grün, 2003*
 Robert D. Gunn, 1983
 Jeanne E. Harris, 2013
 Paul M. Harris, 2012
 Frank W. Harrison, Jr., 1986
 John D. Haun, 1984
 David H. Hawk, 2015
 Christopher P. M. Heath, 2005
 Martin D. Hewitt, 2014
 G. Warfield "Skip" Hobbs, 2005
 John R. Hogg, 2010
 Terry L. Hollrah, 2006
 Myron K. Horn, 1997
 Robert R. Jordan, 1993
 John G. Kaldi, 2009
 Barry J. Katz, 2011
 John R. Kerns, 1993
 Hans H. Krause, 1998*
 Susan M. Landon, 2000
 Roberto A. Leigh, 1996*
 Donald W. Lewis, 2008
 Desheng Li, 1994*
 Robert G. Lindblom, 1999
 Peter M. Lloyd, 2008
 John C. Lorenz, 2015
 Leslie B. Magoon, 2017
 Ernest A. Mancini, 2008
 Anibal R. Martinez, 1983*
 James S. McGray, 2014
 Lawrence D. Meckel, 2016
 Marcio Rocha Mello, 1998*
 Daniel F. Merriam, 1996
 Richard F. Meyer, 1987
 Robert M. Mitchum, Jr., 2000
 Raul Mosmann, 2002
 D. Keith Murray, 1988
 J. Michael Party, 2009
 Douglas G. Patchen, 2004
 Alain Perrodon, 1995*
 Kenneth E. Peters, 2013
 M. Dane Picard, 1994
 George B. Pichel, 1991
 Edward B. Picou, Jr., 2002
 Lewis S. "Stan" Pittman, 2001
 Kay L. Pitts, 2015
 W. C. "Rusty" Riese, 2017
 James P. Rogers, 2017
 Peter R. Rose, 2002
 Wolfgang Schlager, 1999*
 Harrison Hagan Schmitt, 2006
 Nahum Schneidermann, 1994
 Valary L. Schulz, 2016
 John W. Shelton, 1990
 Roger M. Slatt, 2003
 Carl J. Smith, 2001
 Daniel L. Smith, 2007
 Stephen A. Sonnenberg, 2008
 Bill St. John, 1988
 Philip H. Stark, 2012
 Charles A. Sternbach, 2011
 Donald Sherwood Stone, 1994
 M. Ray Thomasson, 2003

Jack C. Threet, 2008
 Scott W. Tinker, 2015
 Bernard P. Tissot, 1987
 Harrison Lee Townes, 1997
 Peter R. Vail, 1991
 Arthur M. Van Tyne, 1996
 Steven L. Veal, 2011
 Koenraad Weber, 2004*
 Robert J. Weimer, 1982
 Larry D. Woodfork, 1990
 Pinar O. Yilmaz, 2010

Deceased Honorary Members with Year of Election or Year of Award

John Emery Adams, 1966
 Abdulla Al-Naim, 2013
 John J. Amoruso, 1987
 Gordon I. Atwater, 1969
 Fritz L. Aurin, 1960
 Andrew D. Baillie, 1990
 Thomas D. Barber, 1997
 Leonidas T. Barrow, 1959
 N. Wood Bass, 1961
 Ted L. Bear, 1988
 B. Warren Beebe, 1966
 Alfred H. Bell, 1962
 Allan Parnell Bennison, 1999
 Robert R. Berg, 1985
 D. L. Blackstone, Jr., 1990
 Richard R. Bloomer, 1987
 Arnold H. Bouma, 2007
 Leslie Bowling, 1975
 Don R. Boyd, 1989
 Carl C. Branson, 1973
 Jules Braunstein, 1980
 John M. Browning, 1985
 George S. Buchanan, 1965
 Daniel A. Busch, 1978
 H. P. Bybee, 1956
 M. R. Campbell, 1934
 Carlos Walter M. Campos, 1992
 Joe Cannon, 1994
 A. T. "Toby" Carleton, 2000
 Everett Carpenter, 1958
 J. Ben Carsey, 1966
 Arlo E. Childs, 1970
 H. Victor Church, 1987
 Frank R. Clark, 1958
 Leslie M. Clark, 1976
 Robey H. Clark, 1985
 George V. Cohee, 1963
 Frank B. Conselman, 1970
 Kenneth H. Crandall, 1972
 Ira H. Cram, Sr., 1964
 Carey Croneis, 1965
 William H. Curry, Jr., 1973
 Doris S. M. Curtis, 1983
 N. H. Darton, 1938
 Morgan J. Davis, Sr., 1964
 Ralph E. Davis, 1960
 L. Courtney Decius, 1975
 C. E. Decker, 1927
 Ronald K. DeFord, 1965
 Wallace de Witt, Jr., 1999

Thomas W. Dibblee, Jr., 1996
 E. L. DeGolyer, 1944
 Alex Deussen, 1953
 Parke A. Dickey, 1989
 Fred A. Dix, 1986
 Carroll E. Dobbin, 1957
 Charles F. Dodge III, 1999
 Robert H. Dott, Sr., 1962
 Marlan W. Downey, 2007
 E. T. Dumble, 1926
 John E. "Brick" Elliott, 1970
 Samuel P. Ellison, 1982
 Elmer W. Ellsworth, 1972
 W. H. Emmons, 1946
 Maurice Ewing, 1968
 Norman L. Falcon, 1973
 John L. Ferguson, 1969
 Norman H. Foster, 1993
 Hugh N. Frenzel, 1982
 Gerald Manfred Friedman, 1990
 H. B. Fuqua, 1983
 John T. Galley, 1980
 John E. Galley, 1983
 G. C. Gester, 1949
 George R. Gibson, 1973
 August Goldstein, Jr., 1981
 H. B. Goodrich, 1929
 C. N. Gould, 1943
 Howard R. Gould, 1979
 Cecil H. Green, 1993
 George C. Grow Jr., 1988
 Eduardo J. Guzmán, 1972
 Michel T. Halbouty, 1969
 Dollie R. Hall, 1963
 W. Dow Hamm, 1967
 Marcus A. Hanna, 1962
 Bernold M. Hanson, 1984
 Charles J. Hares, 1959
 G. D. Harris, 1935
 T. S. Harrison, 1956
 Merrill W. Haas, 1979
 James Austin Hartman, 1992
 Roy T. Hazzard, 1959
 John C. Hazzard, 1973
 Kenneth C. Heald, 1957
 Hollis D. Hedberg, 1967
 Thomas A. Hendricks, 1971
 William B. Heroy, 1957
 William B. Heroy, Jr., 2001
 Mason L. Hill, 1966
 Melvin J. Hill, 1979
 R. T. Hill, 1926
 John M. Hills, 1980
 William J. Hilseweck, 1969
 Harold W. Hoots, 1974
 Henry V. Howe, 1967
 J. V. Howell, 1956
 M. King Hubbert, 1974
 J. P. D. Hull, 1951
 George S. Hume, 1954
 V. C. Illing, 1960
 James R. Jackson, Jr., 1982
 H. R. Johnson, 1953

*Distinguished Achievement Awardee

Percy E. (Peter) Kent, 1976
 John E. Kilkenny, 1972
 Robert E. King, 1970
 Robert E. Klabzuba, 1992
 Robert M. Kleinpell, 1973
 Hugh Douglas Klemme, 1991
 G. Moses Knebel, 1965
 Samuel H. Knight, 1959
 Edward Koester, 1971
 Frank E. Kottowski, 1985
 Hans G. Kugler, 1968
 F. H. Lahee, 1947
 Kenneth K. Landes, 1962
 A. C. Lawson, 1937
 Rufus J. LeBlanc, 1981
 M. M. Leighton, 1950
 A. I. Levorsen, 1957
 James O. Lewis, 1986
 Ray C. Lewis, 1993
 Theodore A. Link, 1962
 John P. Lockridge, 1987
 E. R. Lloyd, 1950
 John David Love, 1995
 Charles J. Mankin, 2000
 John A. Masters, 1996
 Leonard F. McCollum, 1974
 Charles J. Mankin, 2000
 John A. Masters, 1996
 Dean A. McGee, 1989
 Duncan A. McNaughton, 1988
 Robert E. Megill, 1993
 Maurice G. Mehl, 1961
 Fred F. Meissner, 2001
 Lee Hillard Meltzer, 1983
 W. C. Mendenhall, 1935
 Willis G. Meyer, 1984
 Harry A. Miller, 1985
 Ralph LeRoy Miller, 1988
 Marcus E. Milling, 1998
 H. D. Miser, 1948
 V. E. Monnett, 1955
 Raul Mosmann, 2002
 Clarence L. Moody, 1956
 Graham B. Moody, 1962
 John D. Moody, 1972
 Raymond C. Moore, 1957
 Robert B. Moran, 1959
 Frank A. Morgan, 1961
 Harold T. Morley, 1968
 William R. Muehlberger, 1995
 Grover E. Murray, 1970
 Roelof J. Murris, 1995*
 Jerry Bowers Newby, 1967
 Arne R. Nielsen, 1992
 Gordon B. Oakeshott, 1981
 W. W. Orcutt, 1926
 Ezequiel Ordonez, 1935
 Edgar W. Owen, 1960
 Ben H. Parker, 1966
 John M. Parker, 1987
 James A. Peterson, 1996
 Thomas Hughes Philpott, 1993
 Max G. Pitcher, 1994
 Wallace E. Pratt, 1957

R. Randy Ray, 2011
 R. D. Reed, 1939
 Eugene F. "Bud" Reid, 1991
 John L. Rich, 1954
 David G. Roberts, 2001
 John W. Rold, 2006
 John T. Rouse, 1971
 David G. Roberts, 2001
 John W. Rold, 2006
 Edward C. Roy, Jr., 1993
 Eric A. Rudd, 1992*
 R. Dana Russell, 1976
 R. D. Salisbury, 1919
 E. F. Schramm, 1956
 Charles Schuchert, 1934
 E. H. Sellards, 1946
 C. L. Severy, 1958
 Laurence L. Sloss, 1981
 G. O. Smith, 1920
 Robert M. Sneider, 1994
 William C. Spooner, 1958
 Hans Stille, 1937
 Paul M. Strunk, 1999
 J. A. Taff, 1934
 Charles H. Taylor, 1961
 John A. Taylor, 1982
 Daniel J. Tearpock, 2013
 W. Taylor Thom, Jr., 1958
 Don F. Tobin, 1998
 Arthur C. Trowbridge, 1958
 Daniel Trumpy, 1964
 Edd R. Turner, 1982
 Marion O. Turner, 1984
 W. H. Twenhofel, 1946
 J. A. Udden, 1927
 E. O. Ulrich, 1936
 Martin Van Couvering, 1967
 W. A. J. M. van der Gracht, 1936
 F. M. Van Tuyl, 1949
 Walter A. Ver Wiebe, 1955
 H. H. von Hofer, 1924
 William A. Waldschmidt, 1979
 Robert F. Walters, 1987
 Theron Wasson, 1960
 Paul Weaver, 1956
 Lewis George Weeks, 1967
 Sherman A. Wengerd, 1977
 David White, 1919
 I. C. White, 1926
 James E. Wilson, Jr., 1977
 James Lee Wilson, 1987
 W. G. Woolnough, 1941
 W. E. Wrather, 1943
 Donald L. Ziegler, 1986
 Peter A. Ziegler, 2009

Norman H. Foster Outstanding Explorer Award

The Norman H. Foster Outstanding Explorer Award (formerly the Outstanding Explorer Award 2002–2011) is given in

recognition of distinguished and outstanding achievement in exploration for petroleum or mineral resources, by members who have shown a consistent pattern of exploratory success, and with an intended emphasis on recent discovery.

2002 — Richard W. Beardsley
 2003 — William J. Barrett
 2004 — Clayton H. Riddell
 2005 — John P. Lockridge
 2006 — Richard L. "Dick" Findley
 2007 — Dan B. Steward
 2008 — Dudley J. Hughes
 2009 — Michael J. Johnson
 2010 — John Amoruso,
 J. Denny Bartell Larry Bartell
 2011 — Douglas K. Strickland
 2012 — Dan A. Hughes
 2013 — William A. Zagorski
 2014 — Orion L. Skinner
 2015 — Hans Christen Rønnevik
 2016 — Richard K. Stoneburner
 2017 — Terry J. Mather
 2018 — Susan Morrice

Robert R. Berg Outstanding Research Award

2009 — Bradford E. Prather
 2010 — Martin P. A. Jackson
 2011 — Ole Jacob Martinsen
 2012 — Henry W. Posamentier
 2013 — Ronald A. Nelson
 J. Frederick Sarg
 2014 — Kevin M. Bohacs
 Robert G. Loucks
 2015 — Kitty L. Milliken
 Mark D. Zoback
 2016 — Michael D. Lewan
 Quinn R. Passey
 2017 — Julie A. LeFever
 2018 — Carlo Doglioni
 Mark G. Rowan

Michel T. Halbouty Memorial Human Needs Award

The Michel T. Halbouty Memorial Human Needs Award was given 1972–2004 as AAPG's third highest Award to honor an individual for outstanding application of geology to the benefit of human needs and to recognize scientific excellence.

1972 — Wallace E. Pratt
 1973 — Hollis Dow Hedberg
 1974 — Cecil H. Green
 1975 — Michel T. Halbouty

*Distinguished Achievement Awardee

1976 — Lewis G. Weeks
 1977 — Martin Van Couvering
 1978 — Vincent E. McKelvey
 1979 — M. Gordon Frey
 1980 — Creighton A. Burk
 1981 — Thomas W. Dibblee, Jr.
 1982 — David M. Evans
 1983 — Harrison H. Schmitt
 1984 — Dean A. McGee
 1985 — Leonard F. McCollum
 1986 — Eugene F. Reid
 1987 — Richard P. Sheldon
 1988 — Victor E. Oppenheim
 1989 — Guillermo P. Salas Guerra
 1990 — Hans D. Knipping
 1991 — Roy M. Huffington
 1992 — Donald F. Todd
 1993 — Gordon B. Oakeshott
 1994 — George P. Mitchell
 1995 — Gabriel Dengo
 1996 — Farouk El-Baz
 1997 — Raymond A. Price
 1998 — Robert S. Yeats
 1999 — Philip J. Currie
 2000 — Thomas L. Wright
 2001 — Robert Calvin Milici
 2002 — John A. Reinemund
 2003 — Rex Monahan
 2004 — Hugh Davies

Distinguished Service Award

The Distinguished Service Award is a walnut plaque that is presented annually to those who have distinguished themselves in service to AAPG.

1971 — August Goldstein, Jr.
 1972 — Howard R. Gould
 1973 — John D. Haun
 Leslie Bowling
 1974 — John T. Galey
 1975 — Jules Braunstein
 Robert J. Weimer
 1976 — James R. Jackson, Jr.
 1977 — George V. Cohee
 Samuel P. Ellison, Jr.
 1978 — Robert H. Dott, Sr.
 Frank Gouin
 1979 — George Copernicus Grow, Jr.
 Thomas C. Hiestand
 John C. Maher
 1980 — John E. Galley
 John W. Shelton
 1981 — Bernold M. Hanson
 Frank E. Kottowski
 Ralph L. Miller
 Marion Orville Turner
 1982 — Donald W. Axford
 Garth W. Caylor
 William L. Fisher

Herbert G. Davis
 Robert L. Fuchs
 Robert J. Gutru
 Richard F. Meyer
 1983 — Don R. Boyd
 Fred A. Dix, Jr.
 James O. Lewis
 D. Keith Murray
 George B. Pichel
 Donald L. Ziegler
 1984 — Dudley Harold Cardwell
 Robert H. Dott, Jr.
 John P. Lockridge
 Eric A. Rudd
 Grant Steele
 1985 — Thomas D. Barber
 Norman H. Foster
 George S. Galbraith
 James A. Hartman
 James S. MacDonald
 William R. Moran
 Anthony Reso
 1986 — Allan P. Bennison
 Louis C. Bortz
 Charles F. Dodge III
 Myron K. Horn
 Roscoe E. Shutt
 1987 — A. T. "Toby" Carleton
 James A. Gibbs
 John W. Harbaugh
 Daniel F. Merriam
 Bill St. John
 Larry D. Woodfork
 1988 — James M. Forgotson, Jr.
 Gerald Manfred Friedman
 Robert R. Johnston
 Robert R. Jordan
 John R. Kerns
 Jack P. Martin
 John A. Masters
 1989 — George R. Bole
 Martha Lou Broussard
 Clemont H. Bruce
 David G. Campbell
 Lee C. Gerhard
 Scott J. Lysinger
 William H. Matthews III
 1990 — James A. Helwig
 Michael E. "Mike" Hriskevich
 Lewis S. "Stan" Pittman
 William H. Roberts III
 Edward C. Roy, Jr.
 Nahum Schneidemann
 Richard Steinmetz
 1991 — Dudley W. Bolyard
 Robbie Rice Gries
 George C. Hardin, Jr.
 Jerome J. C. Ingels
 Edward D. Pittman
 Robert M. Sneider
 Don F. Tobin
 1992 — Edward A. Beaumont
 Steven H. Harris

Christopher P. M. Heath
 Robert G. Lindblom
 James A. Peterson
 Phillip E. Playford*
 1993 — Paul A. Catacosinos
 John C. "Jack" Dunlap
 Mateu Esteban*
 Gay L. Harmann Larre
 Hugh M. Looney
 Lucien Montadert*
 Wolfgang Schlager*
 George D. Severson
 Paul M. Strunk
 Thomas L. Wright
 1994 — Charles S. Hutchison*
 Murray Johnstone*
 R. Pratiyatna Koesoemadinata*
 Susan Longacre
 Edward McFarlan, Jr.
 G. A. S. Nayoan*
 Khalid Ngah*
 James P. Rogers
 John D. Sistrunk, Jr.
 Carl J. Smith
 Arthur M. Van Tyne
 1995 — Richard S. Bishop
 Brenda K. Cunningham
 Edward K. David
 Samuel Arthur Friedman
 Kenneth Jinghwa Hsu*
 Susan M. Landon A. John Martin*
 Charles R. (Chuck) Noll
 M. Ray Thomasson
 Peter A. Ziegler*
 1996 — Pablo Cruz-Helu*
 Ashton F. Embry
 George Eynon
 Jeffrey C. Greenawalt
 Gary E. Henry
 Gustavas Warfield Hobbs IV
 Maria Antonieta Lorente*
 Rafael Sanchez-Montes de Oca*
 Peter R. Rose
 Roger M. Slatt
 Carlos Maria Urien*
 1997 — Lee T. Billingsley
 Stewart Chuber
 Walter P. Grun*
 Terry L. Hollrah
 Frank Horvath*
 John George Kaldi*
 Susan M. Morrice
 Emiliano Mutti*
 David G. Roberts*
 Dan L. Smith
 Anthony Tankard
 1998 — Kevin T. Biddle
 Patrick J. F. Gratton
 C. Dennis Irwin, Jr.
 David A. L. Jenkins
 Brian D. Keith
 Hans H. Krause
 Celso Fernando Lucchesi*

*Special Commendation Awardee

Raul Mosmann*
F. Pierce Pratt
Edward G. Purdy*
1999 — Abdulla H. Al-Naim*
Jean Dercourt*
Richard Hardman*
Ed W. Heath
James A. Noel
Roy D. Nurmi
Douglas Gene Patchen
Edward B. Picou, Jr.
Stephen A. Sonnenberg
2000 — Edward D. Dolly
Peter M. Lloyd*
J. Michael Party
Robert T. Sellars, Jr.
Robert C. Shoup
Dietrich Welte*
Pinar Oya Yilmaz
2001 — Elizabeth B. Campen
Chuck Caughey
Ian Derek Collins
Robert L. Countryman
Ben D. Hare
Jean R. Lemmon
Tom Mairs
Wolfgang E. Schollnberger
2002 — Thomas S. Ahlbrandt
Jeffrey Aldrich
Donald D. Clarke
John R. Hogg
2003 — Norbert E. Cygan
Donald W. Lewis
Steven L. Veal
Paul Weimer
2004 — Royce P. Carr
Pete G. Gray
Jeanne E. Harris
Barry J. Katz
Lowell K. Lischer
Deborah K. Sacrey
2005 — Adebaya Akinpelu
Thomas C. Chidsey, Jr.
Thomas E. Ewing
Richard G. Green
Gerald E. Harrington
R. Randy Ray
Charles Alan Sternbach
Jack C. Threet
Scott W. Tinker
2006 — Martin D. Hewitt
Neil F. Hurley
John George Kaldi
Larry C. Knauer
Jeffrey W. Lund
2007 — Adekunle A. Adesida
Alfredo E. Guzman
Andrew Hurst
John C. Lorenz
Eric P. Mason
Valary L. Schulz
2008 — Katharine Lee Avary
John (Jack) D. Edwards
Barry A. Goldstein
Douglas C. Peters

2009 — Alistair R. Brown
Larry L. Jones
Mike J. Lakin
Dalton F. Lackman
Kenneth M. Mallon
Randi S. Martinsen
Robert C. Mummery
John E. Ritter
Stephen L. Shaw
Jack H. West
2010 — Martin M. Cassidy
Rebecca L. Dodge
Bob A. Hardage
Dwight "Clint" Moore
Terence G. O'Hare
Craig W. Reynolds
John W. Robinson
2011 — Deborah E. Ajakaiye
Herman Darman
Rick L. Ericksen
Gretchen M. Gillis
Gina B. Godfrey
Sigrunn Johnsen
Walter C. "Rusty" Riese
2012 — Edith C. Allison
Susan M. Cunningham
David A. Dolph
Paul F. Hoffman
Alain-Yves Huc
William A. Morgan
Adedoja R. Ojelabi
Victor H. Vega
Mark L. Wilson
2013 — Eugene L. Ames III
Mark J. Gallagher
Frances J. Hein
Joseph J. Lambiase
Stephen D. Levine
Brian E. Lock
Richard A. Lorentz, Jr.
William C. Stephens
Linda R. Sternbach
Laura C. Zahm
2014 — Hussain M. Al-Otaibi
Donna S. Anderson
William P. Bosworth
Peter Burri
Michael R. Canich Jr.
David R. Cook
Mark Cooper
Bret J. Fossum
Steven M. Goolsby
2015 — Ronald F. Broadhead
Ross A. Clark
Denise M. Cox
John Dolson
Meredith Faber
William S. Houston
Mark W. Longman
John A. Minch
James F. Reilly
Gabor C. Tari
Peter Wigley
2016 — Abdulkader M. Afifi
Sa'id Al-Hajri

Paul J. English
Peter Hennings
Arthur H. Johnson
Stephen E. Laubach
Geir Lunde
Terrylyn M. Olson
Debra Purifoy Osborne
2017 — Fowzia Hussain Abdullah
Anwar M. Al-Beajji
Sylvia M. C. Anjos
Mary Broussard
Richard D. Fritz
Creties D. Jenkins
Kurt Neher
Robert N. Ryan, Jr.
Lawrence H. Wickstrom
2018 — Peter William Baillie
Richard Ball
Steven Brachman
Cynthia Huggins
Jon R. Schwalbach
Michael L. Sweet

Grover E. Murray Memorial Distinguished Educator Award

The Grover E. Murray Memorial Distinguished Educator Award (formerly Distinguished Educator Award) is given to recognize distinguished and outstanding contributions to geological education including, but not limited to, teaching and counseling of students at the university level. Funded by Dr. and Mrs. Grover Murray, this award can also be given for education of the public and management of educational programs.

1995 — James Lee Wilson
1996 — Gerald M. Friedman
L. L. Sloss
Robert J. Weimer
1997 — George B. Asquith
Robert Louis Folk
Harold G. Reading
1998 — Gerard V. Middleton
Lloyd C. Pray
1999 — D. L. Blackstone, Jr.
Peter R. Vail
Roger G. Walker
2000 — Robert R. Berg
John D. Haun
Ernest A. Mancini
2001 — John W. Harbaugh
Clyde H. Moore
Charles R. Stelck
2002 — Zuhair Al-Shaieb
William R. Muehlberger
Paul E. Potter
2003 — Albert V. Carozzi
Frank G. Ethridge
2004 — Knut O. Bjorlykke
William E. Galloway

- Andrew D. Miall
Edward C. Roy, Jr.
- 2005 — Aureal T. Cross
Fred Franke Meissner
Paul Weimer
- 2006 — G. Randy Keller
Brian E. Lock
Roger M. Slatt
John Edward Warme
- 2007 — Janok P. Bhattacharya
A. Eugene Fritsche
Stephan A. Graham
- 2008 — Robert S. Gray
S. George Pemberton
- 2009 — J. Frederick Read
Finn Surlyk
- 2010 — Wayne M. Ahr
Eric A. Erslev
Murray K. Gingras
- 2011 — Lawrence D. Meckel
Ronald J. Steel
- 2012 — Andrew Hurst
Howard D. Johnson
- 2013 — Carlton E. Brett
John R. Underhill
- 2014 — Joseph A. Cartwright
Gregor P. Eberli
Charles Kerans
Donald R. Lowe
- 2015 — Samuel O. Akande
Donald Wilkin Boyd
James O. Puckette
V. Paul Wright
- 2016 — Brenda L. Kirkland
Xiaomin Zhu
- 2017 — Norman J. Hyne
Cari L. Johnson
- 2018 — Frank Ettensohn
Philip Steven Simony

Harrison Schmitt Award

The Harrison Schmitt Award recognizes individuals or organizations that, for a variety of reasons, do not qualify for other Association honors and awards. In 2011 the name of the award was changed from the Special Award to the Harrison Schmitt Award.

- 1973 — Harrison H. "Jack" Schmitt (for lunar exploration)
- 1974 — Marcel and Conrad Schlumberger (posthumously) (for development of electrical logging)
- 1990 — John F. Bookout (for excellence in exploration leadership)
- 1991 — Norman H. Foster and Edward A. Beaumont (for work on the Treatise of Petroleum Geology)
- 1995 — James Wood Clarke (for English translation/publication of geological information from Soviet Union and Russia)
- 1996 — Wesley G. Bruer (for adding Oregon to the list of producing

- states with the 1979 discovery of the 70 bcf Mist gas field)
- 1996 — Norman D. Newell (for paleoecological studies of Permian Reef complex of W. Texas and organic evolution)
- 1997 — Marsha A. Barber (for development of K-12 curricula and teacher training to improve public understanding of energy issues)
- 1997 — Eugene M. Shoemaker (for transforming meteor impacts into an accepted geologic process with implications for terrestrial geology and evolution)
- 1997 — Paul G. Benedum, Jr. (for leadership of the Claude Worthington Benedum Foundation)
- 1997 — Robert E. Megill (for showing petroleum geologists how to express their ideas and cope with their science through the use of petroleum economics)
- 1998 — Fred A. Dix, Jr. (for dedicated leadership of the AAPG from 1973 to 1996)
- 1999 — Isaac J. Crumbly (for leadership in creating a technical workforce for the nation's energy industry)
- 1999 — Sarah G. Stanley (for leadership in the development of public centers for workstation training)
- 2000 — Arthur R. Green (for visionary work to develop integrated geoscience and commitment to deliver these products to the geoscience community)
- 2000 — William T. Smith (for outstanding achievement as a working petroleum geologist and oil industry executive)
- 2001 — Kenneth Dale Owen and David L. Rice (for their efforts in restoring the 19th century New Harmony scientific community in Indiana)
- 2001 — Richard Warren (for his commitment to the oil industry while facing personal affliction with fortitude)
- 2001 — J. C. "Jay" Gallagher (posthumously) (for the successful evolution of the International Pavilion)
- 2002 — Emmanuel Tamesis (for contributions to the education of geologists and for achievements in Philippine petroleum exploration)
- 2003 — Waverly Person (for contributions to the field of earthquake studies and establishment of the

- National Earthquake Information Center)
- 2004 — Dietrich H. Welte (for contributions in petroleum geochemistry and numerical modeling of petroleum systems)
- 2005 — John W. Gibson, Jr. (for his contribution to AAPG's legacy on ethics)
- 2006 — Jorge Ferrer (for efforts to improve international communications)
Roy H. Gabrielsen (for leadership of academic and industrial petroleum research)
- 2007 — Richard D. Fritz (for visionary leadership and stalwart management of AAPG's scientific and business activities) Marcus E. Milling (posthumously) (for leading the American Geological Institute to national prominence in earth science education, public geoscience outreach and government relations.
- 2008 — Nikolai V. Lopatin (for recognizing his lifelong contribution to petroleum geochemistry and establishing some of the most important principles of petroleum maturation and migration)
Steven L. Veal (for contributing to the AAPG over the past two decades, including service to HoD, DEG, Conventions and the Executive Committee)
- 2009 — Alexi E. Kontorovich
Akif Ali Narimanov
- 2010 — Robert W. Allen
George P. Mitchell
- 2011 — Anthony Doré
Myron K. Horn
- 2012 — Jill Stevens
- 2013 — George B. Asquith
Martin G. Lockley
- 2014 — No Award
- 2015 — Anita Harris (For her contributions to geology and petroleum exploration through her work in conodont biostratigraphy and the development of the color alteration index (CAI).)
- 2016 ? Gary Burchfeld (For flawlessly documenting AAPG and its members, volunteers, leaders, and honorees as they advance the science of geology, promote technology, and inspire high professional conduct)
- 2016 — William Aubrey Cobban (Bill Cobban was an exceptional field collector, geologist, paleontologist, biostratigrapher, mapmaker, mentor who made

the biostratigraphy of the Western Interior marine Cretaceous clear and understandable)

- 2017 — Julia Gardner (Julia Anna Gardner was a remarkable and avid explorer, a brave warrior, and deeply humane human being whose expertise in multiple areas was profoundly utilized) Zhongjian Qiu (For pioneering work leading to numerous major oil and gas discoveries and outstanding leadership in petroleum exploration in China for over six decades)

Public Service Award

The Public Service Award is a walnut plaque bearing the recipient's name, the date, and citation. It is given to recognize contributions of members to public affairs and to encourage geologists to take a more active part in public affairs.

- 1971 — Dewey F. Bartlett
1972 — William T. Pecora
1973 — Ian Campbell
1974 — Dean A. McGee
1975 — Lee C. Lamar
1976 — No Recipient
1977 — William J. Sherry
1978 — George T. Abell
1979 — A. V. Jones, Jr.
1980 — G. Frederick Shepherd
1981 — Wilson M. Laird
1982 — Wallace W. Hagan
Richard A. Jahns
1983 — Daniel N. Miller, Jr.
John B. Patton
1984 — John Wesley Rold
Joseph J. Simmons III
1985 — James A. Barlow
1986 — Robert D. Gunn
Cliff J. Nolte
1987 — Jack G. Elam
Fred L. Smith, Jr.
1988 — Charles J. Mankin
1989 — John A. Taylor
James W. Vanderbeek
1990 — Cyril J. Perusek
1991 — John David Love
1992 — John H. Gray
1993 — Virgil E. Barnes
Charles W. Spencer
1994 — William Kennon McWilliams, Jr.
Thomas Walsh Rollins
1995 — Norbert E. Cygan
Gerald G. L. Henderson
1996 — Alan L. DeGood
Robert G. H. Reynolds
E. Gerald Rolf
1997 — Samuel T. Pees
1998 — Mary Elizabeth Dowse
David G. Rensink

- 1999 — James E. Brooks
John Robert Dewey
Randy A. Foutch
2000 — John Harris Marshall, Jr.
Alvin L. Schultz
2001 — Patty Holyfield
H. Leighton Steward
John S. Wold
2002 — M. Lee Allison
Lawrence H. Skelton
2003 — Charles E. Brown II
2004 — John C. Dolson
2005 — John W. Hickenlooper
2006 — Edward C. Roy, Jr.
2007 — Peter T. Flawn
Lee C. Gerhard
Edward M. Warner
2008 — Ashton F. Embry
Douglas C. Rateliff
2009 — Owen R. Hopkins
2010 — Thomas C. Bergeon
Ahmed N. El Barkooky
William B. Harrison, III
Tako Koning
2011 — Mark J. Doelger
2012 — No Recipient
2013 — AlexS. Broun
Jerome J. Cuzella
Donald S. Van
Nieuwenhuise
2014 — John B. Curtis
2015 — Logan MacMillan
Timothy M. Ryan
2016 — Lawrence Anna
David F. Martineau
2017 — Friends of Dinosaur Ridge
W. Lynn Watney
2018 — Thomas C. Chidsey, Jr.

Pioneer Award

The Pioneer Award is an oak plaque bearing the recipient's name, date and place to be given, and year of membership. It is given to long-standing members who have made significant contributions to the association but have been unrecognized.

- 1997 — Elliott H. Powers
1999 — Elizabeth Anne Elliott
2000 — Willam C. Gussow
Frank P. Sonnenberg
2001 — No Recipient
2002 — Craig Ferris
2003 — Rushdi Said
Robert M. Sanford
2004 — No Recipient
2005 — Philip W. Choquette
2006 — Frank Royse, Jr.
2007 — William H. Hunt
2008 — L. Frank Brown, Jr.
2009 — James D. Lowell
2010 — Thomas D. Barrow
2011 — J. Myles Bowen
John S. Wold

- 2012 — Tim T. Schowalter
2013 — Robert E. Fox
Paul R. Lamerson
2014 — Vincent Matthews III
Thomas L. Thompson
2015 — Ben Law
2016 — Lawrence A. McPeck
2017 — John Oty
2018 — Ian David Maycock

Geosciences in the Media Award

Geosciences in the Media Award (formerly Journalism Award) is given each year to a person in recognition of notable journalistic achievement in any medium which contributes to public understanding of geology, energy resources, or the technology of oil and gas exploration. The recipient need not be a member of the Association.

- 1972 — James A. Clark
1973 — No Recipient
1974 — Max B. Skelton
1975 — William D. Smith
1976 — No Recipient
1977 — Philip H. Abelson
1978 — No Recipient
1979 — No Recipient
1980 — Walter Sullivan
1981 — No Recipient
1982 — John McPhee
1983 — Ron Redfern
1984 — James A. Michener
1985 — No Recipient
1986 — David Attenborough
Richard Gore
1987 — John McPhee
1988 — No Recipient
1989 — Horst Heise
Stephen Schwochow
1990 — William Rintoul
1991 — Robert T. Bakker
1992 — Richard F. "Rick" Williamson
Daniel Yergin
1993 — Stephen Jay Gould
1994 — John R. Homer
1995 — Wallace R. Hansen
1996 — Lee C. Gerhard
Linda Davis Harrar
1997 — Donald L. Baars
John Paul Pitts
1998 — Walter Alvarez
1999 — Sarah Andrews
2000 — Walter Youngquist
2001 — Mountain Press
2002 — No Recipient
2003 — Ron Redfern
Simon Winchester
2004 — Halfdan Carstens
Halka Chronic
2005 — Bill Bryson
2006 — Michael Crichton
2007 — Michael J. Economides

2008 — Tyler Priest
 2009 — No Recipient
 2010 — No Recipient
 2011 — Ronald C. Blakey
 Tom Zoellner
 2012 — Nick Eyles
 2013 — Kirk Johnson
 Ray Troll
 2014 — Harry Lynch
 Scott W. Tinker
 Scott D. Sampson
 2015 — Iain S. Stewart
 2016 — Ben Gadd
 Kirk Johnson Ian Miller
 2017 — Michael Collier
 2018 — Wayne Ranney

Vlastimila (Vlasta) Dvořáková International Ambassador Service Award

The Vlastimila (Vlasta) Dvořáková International Ambassador Service Award is given to members who have promoted growth, awareness of AAPG internationally, and created opportunities for the Association to reach a wider audience of geoscientists.

2018 — David C. Blanchard
 Gilbert Erelumhe Odior

Young Professionals Exemplary Service Award

Young Professionals Exemplary Service Award is given to members who have promoted growth, awareness, and expanded opportunities within the organization for young professionals. The award will help recognize the importance of AAPG volunteers dedicating themselves to helping inspire, retain and recruit future geoscientists within the Association as well as to the organization and profession in general. Funding for the award is provided by AAPG.

2017 — Aisha A. Al-Bulushi
 Catherine E. Campbell
 Nick Lagrillière
 Ryan Lemiski
 2018 — Ola Adly Fakhry Mohamed
 Dwandari Ralanarko

Wallace E. Pratt Memorial Award

The Wallace E. Pratt Memorial Award (formerly a category of the President's

Award) is to honor and reward the author(s) of the best AAPG Bulletin article published each calendar year. The cash award is \$1500.

1982 — Roelof J. Murriss
 1983 — James K. Crouch
 1984 — William E. Galloway
 David K. Hobda
 Kinji Magara
 1985 — Carr P. Dishroon, Jr.
 Dave Russell Kingston
 Philip A. Williams
 1986 — Tod P. Harding
 1987 — Tod P. Harding
 1988 — Shankar Mitra
 1989 — Bernard P. Tissot
 Regis Pelet
 Philippe Ungerer
 1990 — Charles D. Winker
 Richard T. Buffler
 1991 — David Richard Dawson Boote
 Robert Bruce Kirk
 1992 — David Trowbridge Lawrence
 Mark A. Doyle
 Tom Aigner
 1993 — Gerard J. Demaison
 Bradley J. Huizinga
 1994 — Kevin T. Biddle
 Wolfgang Schlager
 Kurt W. Rudolph
 Terry L. Bush
 1995 — Carlos A. Dengo
 Michael C. Corey
 1996 — Charles Kerans
 F. Jerry Lucia
 Rainer K. Senger
 1997 — F. Jerry Lucia
 1998 — Ulisses Thibes Mello
 Garry D. Karner
 1999 — John W. Robinson
 Peter J. McCabe
 2000 — Karla E. Tucker
 Paul M. "Mitch" Harris
 Richard C. Nolen-Hoeksema
 2001 — Robert G. Loucks
 2002 — John S. Bridge
 Robert S. Tye
 2003 — Roger J. Barnaby
 Stephen C. Ruppel
 2004 — Donald S. Stone
 2005 — Hongliu Zeng
 Charles Kerans
 2006 — Keith W. Shanley
 Robert M. Cluff
 John W. Robinson
 2007 — Shankar Mitra
 Gerardo C. Figueroa
 Jesus H. Garcia
 Antonio M. Alvarado
 2008 — Graham R. Davies
 Langhorne B. Smith, Jr.
 2009 — Joe Cartwright
 Mads Huuse
 Andrew Aplin
 2010 — David R. Pyles

2011 — William A. Ambrose
 Tucker F. Hentz
 Florence Bonnaffee
 Robert G. Loucks
 L. Frank Brown, Jr.
 Fred P. Wang
 Eric C. Potter
 2012 — Robert H. Lander
 Linda M. Bonnell
 2013 — Andrew C. Aplin
 Joe H. S. Macquaker
 2014 — Sonja Spasojevic
 Michael Gurnis
 2015 — Kitty L. Milliken
 Mark D. Rudnicki
 David B. Awwiller
 Tongwei Zhang
 2016 — Christopher A.-L. Jackson
 Daniel T. Carruthers
 Seshane N. Mahlo
 Omieari Briggs
 2017 — Keith Shanley
 Robert M. Cluff
 2018 — Benjamin Kneller
 Mason Dykstra
 Luke Fairweather
 Juan Pablo Milano

Robert H. Dott, Sr. Memorial Award

The Robert H. Dott, Sr. Memorial Award (formerly the President's Award) is to honor and reward the author/editor of the best Special Publication dealing with geology published by the Association. The cash award is \$500.

1945 — William E. Wallace
 1946 — Horace G. Richards
 1947 — Robert F. Walters
 1948 — L. L. Sloss
 W. M. Laird
 1949 — Sherman A. Wengerd
 1950 — F. M. Swain
 Frank Reedy, Jr.
 1951 — Walter B. Spangler
 Jahn J. Peterson
 1952 — Raymond Siever
 1953 — Donald F. Towse
 1954 — Charles C. Bates
 1955 — Paul V. Smith, Jr.
 1956 — J. Law
 Robert H. Dott, Jr.
 1957 — Robert H. Parker
 1958 — John C. Ludwick
 William R. Walton
 1959 — John M. Andrichuk
 1960 — Robert L. Folk
 1961 — Richard W. Fetzner
 1962 — J. G. C. M. Fuller
 1963 — P. G. Temple
 L. J. Perry
 1964 — James M. Forgotsen, Jr.

1965 — Harry V. Spooner, Jr.
 1966 — Dietrich H. Welte
 1967 — No Recipient
 1968 — Ghansham D. Sharma
 1969 — Leo F. LaPorte
 1970 — Ernst Cloos
 1971 — Peter Lehner
 1972 — Hollis D. Hedberg
 1973 — Mason L. Hill
 1974 — Rufus J. LeBlanc
 1975 — Ronald E. Wilcox
 Tod P. Harding
 Donald R. "Don" Seely
 1976 — Daniel A. Busch
 1977 — Edgar W. Owen
 1978 — Tod P. Harding
 1979 — Robert M. Mitchum, Jr.
 Peter R. Vail
 John B. Sangree
 1980 — *Bulletin*
 Brian D. Evamy
 Jean Haremboure
 Peter Kamerling
 William A. Knapp
 Felix A. Molloy
 Paul H. Rowlands
 Special Publication
 Peter A. Scholle
 1981 — *Bulletin*
 Michael A. Arthur
 Seymour O. Schlanger
 Special Publication
 Peter A. Scholle
 1982 — *Special Publication*
 Robert J. Cordell
 William H. Roberts, III
 1983 — Michel T. Halbouty
 1984 — George B. Asquith
 1985 — Albert W. Bally
 1986 — Gerard Demaison
 Roelof J. Murriss
 1987 — Orville Roger Berg
 Donald G. Woolverton
 1988 — James A. Peterson
 1989 — Albert W. Bally
 1990 — Peter A. Ziegler
 1991 — Anthony J. Tankard
 Hugh R. Balkwill
 1992 — John C. Van Wagoner
 Robert M. Mitchum, Jr.
 Kirt M. Campion
 Victor David Rahmanian
 1993 — Kevin Thomas Biddle
 1994 — Roger W. Macqueen
 Dale A. Leckie
 1995 — Diana Morton-Thompson
 Arnold M. Woods
 1996 — Leslie B. Magoon
 Wallace G. Dow
 1997 — Anthony Tankard
 Ramiro Suarez Soruco
 Herman J. A. Welsink
 1998 — Martin P. A. Jackson
 David G. Roberts
 Sigmund Snelson

1999 — Ronald C. Surdam
 2000 — Ben E. Law
 Gregory F. Ulmishek
 Vyacheslav I. Slavin
 2001 — John F. Jordan
 Richard A. Schatzinger
 2002 — Marcio R. Mello
 Barry J. Katz
 2003 — Marlan W. Downey
 William A. Morgan
 Jack C. Threet
 2004 — Alan R. Huffman
 Glenn L. Bowers
 2005 — Peter A. Scholle
 Dana S. Ulmer-Scholle
 2006 — G. Michael Grammer
 Gregor P. Eberli
 Paul M. (Mitch) Harris
 2007 — Amos Salvador
 2008 — P. M. (Mitch) Harris
 L. J. (Jim) Weber
 2009 — Tor H. Nilsen
 Roger D. Shew
 Gary S. Steffens
 Joseph R. J. Studlick
 2010 — Stephen P. Cumella
 Keith W. Shanley
 Wayne K. Camp
 2011 — Claudio Bartolini
 Juan Rogelio Roman Ramos
 2012 — M. Poppelreiter
 C. Garcia-Carballido
 M. A. Kraaijveld
 2013 — K. McClay
 J. H. Shaw
 J. Suppe
 2014 — John A. Breyer
 2015 — Dengliang Gao
 2016 — Lisa Marlow
 Christopher C. G. Kendall
 Lyndon A. Yose
 2017 — Dana S. Ulmer-Scholle
 Peter A. Scholle
 Juergen Schieber
 Robert J. Raine
 2018 — Claudio Bartolini
 Paul Mann

J. C. "Cam" Sproule Memorial Award

The J. C. "Cam" Sproule Memorial Award is to honor and reward the younger authors of papers on petroleum geology. It is awarded to a member of the Association, 35 years of age or younger at the time of submittal, whose paper, published in any publication of the Association or an affiliated society, division, or section, is sufficiently outstanding and is judged to be the best contribution to petroleum geology by a person of those qualifications during that year. The cash award is \$500.

1974 — Aston F. Embry III
 1975 — Clifton F. "Cliff" Jordan, Jr.
 1976 — Paul Hoffman
 1977 — W. R. Moore
 1978 — Myron W. Payne
 1979 — Peter A. Scholle
 1980 — Richard S. Bishop
 1981 — Tim T. Schowalter
 1982 — Douglas W. Waples
 1983 — Marc B. Edwards
 1984 — Judith Totman Parrish
 1985 — Martin P. A. Jackson
 Steven J. Seni
 1986 — Martha O. Withjack
 Daryl Jill D. Pollock
 1987 — Stephan Alan Graham
 Loretta Ann Williams
 1988 — Shankar Mitra
 1989 — David W. Houseknecht
 1990 — Richard John Hubbard
 1991 — Donald A. Medwedeff
 1992 — Paul Weimer
 1993 — Bradford E. Prather
 1994 — Bradford E. Prather
 1995 — Robert D. Walters
 1996 — Isabel Patricia Montañez
 1997 — Laurel B. Alexander
 Peter B. Flemings
 1998 — Scott W. Tinker
 1999 — Andrew David Hindle
 2000 — Sebastian Galeazzi
 2001 — Antony Reynolds
 2002 — Lesli J. Wood
 2003 — No recipient
 2004 — Tobias H. D. Payenberg
 2005 — No Recipient
 2006 — No Recipient
 2007 — No Recipient
 2008 — Alejandro Escalona
 2009 — David R. Pyles
 2010 — David R. Pyles
 2011 — David M. Dutton
 Bruce D. Trudgill
 2012 — Alexei V. Milkov
 2013 — Peter E. K. Deveugle
 Klaas Verwer
 2014 — Joseph M. English
 2015 — Mark R. P. Tingay
 2016 — Robert J. Heller
 John Vermynen
 2017 — Joseph M. English
 Luke Ferreira
 2018 — Jinyu Zhang

SEG/AAPG Best Paper in Interpretation Journal Award

2015 — Bruce S. Hart
 2016 — Dave Hale
 Richard H. Groshong
 2017 — Roderick Perez Altimar
 Kurt J. Marfurt

2018 — Krzysztof M. (Chris) Wojcik
Irene S. Espejo
Adebukonla Kalejaiye
Otuka Umahi

John W. Shelton Search and Discovery Award

The John W. Shelton Search and Discovery Award is given at the Annual Convention of the Association each year in recognition of the best contribution to the "Search and Discovery" website in the past year. It is awarded for the outstanding contribution to Search and Discovery for originality of concepts and/or techniques, applicability to, and impact on, exploration for and/or development of hydrocarbon resources and/or energy-mineral resources, clarity in presentation, and quality and added value of illustrative material. The cash award is \$500.

2009 — Award established
2010 — Paul M. (Mitch) Harris
2011 — Dwight M. "Clint" Moore
Robert O. Brooks
2012 — Katherine Giles
2013 — Anne Grau
Robert H. Sterling
2014 — Neil K. Basu
Gervasio J. Barzola
Hector Bello
Paul R. Clarke
Oswaldo Viloria
2015 — Konstantin Sobornov
2016 — Ronald C. Blakey
2017 — Mike Blum
Kristy T. Milliken
John W. Snedden
William E. Galloway
2018 — Andrew Miall

George C. Matson Memorial Award

The George C. Matson Award is made to the speaker presenting before the annual convention of the American Association of Petroleum Geologists that paper which is judged to be best. Papers are judged by the Matson Award Committee on the basis of both scientific quality of content and excellence in presentation. The name of the Matson Award winner is engraved on a large, beautiful silver cup provided by the Matson family. The recipient also receives a plaque on which an engraved miniature replica of the silver cup is displayed. Anyone named as Matson Award winner at three annual conventions is given

permanent possession of the large silver trophy.

1957 — John A. Masters
1958 — James W. Gwinn
1959 — Daniel A. Busch
1960 — Harold W. Owens
1961 — Horace D. Thomas
1962 — Eric A. Rudd
1963 — John Drummond Moody
1964 — William R. Muehlberger
1965 — Gordon I. Atwater
1966 — Lloyd C. Pray
1967 — Max G. Pitcher
1968 — Charles A. Biggs, Jr.
1969 — Arthur A. Meyerhoff
1970 — Douglas J. Shearman
1971 — H. O. Woodbury
1972 — H. E. Cook
R. P. Nixon
1973 — Leigh C. Price
1974 — N. A. Anstey
1975 — Leigh C. Price
1976 — Curtis C. Humphris, Jr.
1977 — Stephen G. Franks
1978 — Colin Barker
1979 — Philip H. H. Nelson
1980 — Robert G. Todd
Peter R. Vail
1981 — Roger K. McLimans
1982 — Colin Barker
1983 — Clemont H. Bruce
1984 — Thomas J. Schull
1985 — Ralph S. Kerr
1986 — Lisa M. Pratt
1987 — James Francis Dolan
1988 — Jon F. Blickwede, Sr.
1989 — Ian E. Hutcheon
1990 — Martin P. A. Jackson
1991 — Michael D. Lewan
1992 — John Richard Underhill
1993 — P. Joe Hamilton
1994 — Steven G. Henry
1995 — Kenneth J. Thies
1996 — James P. DiSiena
1997 — Mark B. Allen
1998 — Joachim E. Amthor
1999 — Martha Oliver Withjack
2000 — Wafik Beydoun
2002 — Henry W. Posamentier
2003 — Mark Cooper
Richard G. Harris
2004 — Frank J. Peel
2005 — Marian J. Warren
2006 — Michael R. Hudec
2007 — Steven H. Brachman
2008 — Cathy L. Farmer
2009 — Mark Knackstedt
2010 — Barbara J. Tilley
2011 — Santinder Chopra
2012 — Lars Wensaas
2013 — Jonathan Allen
2014 — Stephen Holtkamp
2015 — Peter Hennings
2016 — Jeremy Jameson
2017 — Martin J. Kennedy
2018 — Paul G. Lillis

George C. Matson Memorial Award Top 10 Oral Presenters at the 2017 Annual Meeting in Houston, Texas

Scott Jordan

Sverre Henriksen

Faward Chuhan
Hilde Marie Goldstein
Sabrina Solymar

Michael A. Abrams

Changrui Gong
Carole Garnier
Mark Sephton

Christopher P. Ross

Sean Connell

Andrew S. Maldorf

Michael Hudec

Philip H. Stark

David Anastasio

Kenneth Kodama
Josep Parés

Mark G. Rowan

Kyle R. Reuber

Paul Mann
Jim Pindell

Jules Braunstein Memorial Award

The Jules Braunstein Memorial Award recognizes the author(s) of the best AAPG poster session paper presented at the annual convention. Funded by the Gulf Coast Association of Geological Societies to honor Mr. Braunstein, who recommended and arranged for the first poster session at the 1976 AAPG Annual Meeting, it is an attractive engraved walnut plaque and a cash award of \$500.

1984 — Dale S. Sawyer
1985 — Richardson B. Allen
Jeffrey Feehan
Jeff Gernand
Miguel Giraut
Bruce H. Nickelsen
1986 — John R. Suter
Henry R. Berryhill
1987 — Alan Ronald Daly
Janell Diane Edman
1988 — John C. Lorenz
Sharon J. Finley
David I. Norman
1989 — Alan C. Kendall
Gill M. Harwood

1990 — L. M. "Mike" Grace
Paul Edwin Potter
R. Gordon Pirie

1991 — Kate S. Weissenburger

1992 — Erik R. Lundin

1993 — Jesus Maguregui Solaguren

1994 — Rob B. Leslie

1995 — John R. Sutter
Kevin M. Bohacs

1996 — Cynthia L. Blankenship
Douglas A. Stauber
David S. Epps
Chuck Guderjahn
John D. Oldroyd

1997 — James C. Niemann

1998 — Hege Mait Nordgård Bølas
Christian Hermanrud
Eirik Vik
Britta Paasch

1999 — Eloise Doherty
Stephen E. Laubach

2000 — Brad E. Prather
Joseph R. Straccia

2002 — Martin K. Dubois
Alan P. Byrnes
W. Lynn Watney

2003 — Vitor Dos Santos Abreu
Thomas David De Brock
Kendall Meyers
Dag Nummedal
Steven L. Pierce
William A. Spears

2004 — Alan P. Byrnes
Martin K. Dubois
Evan K. Franseen
W. Lynn Watney

2005 — Mark Allen
Eric J-P. Blanc
Clare Davies
Adrian Heafford
Robert A. Scott
Stephen J. Vincent

2006 — Hege Marit Nordgård Bølas
Christian Hermanrud
Gunn Mari Grimsmo Teige

2007 — George W. Shurr
Thomas N. Haggard
Sarah A. Chadima

2008 — Jose I. Guzman
Rod Sloan
Shengyu Wu
Shaoqing Sun

2009 — Tim Dooley
Michael Hudec
Martin Jackson

2010 — Nikki Hemmesch
Nicholas B. Harris

2011 — Eddy Lee
R. Craig Shipp
Willem Hack
J. Larry Gibson
Fa Dawn

2012 — Roger M. Slatt
Younane Aboalsleiman

2013 — Simon Campbell
Stanislaw Mazur
Nicola Henshaw
Ahmed Salem
Adriano Sebastiao
Jane Saweka
Artur Oliveira

2014 — Satinder Chopra
Ritesh Sharma

2015 — Rosanne McKernan
Julian Mecklenburgh
Ernest Rutter
Kevin Taylor
Stephen J. Covey-Crump

2016 — Xuejun Wang
Lirong Dou
Yuguang Zhao
Demin Mao
Qunwei Zhang
Xiaodong Wei

2017 — Jenna M. DiMarzio
Svetoslav V Georgiev
Holly Stein
Judith Hannah

2018 — Katie-Joe McDonough
Kenneth McDermott
Elisabeth Gillbard
Kyle Reuber
Jim Pindell
Brian W. Horn

Jules Braunstein Memorial Award Top Poster Presentations at the 2017 Annual Meeting in Houston, Texas

Stephen P. Gardner
Katie-Joe McDonough
Robert Lieber
Ray Bogler
Scott Cook
Michael Pollachek

Dustin T. Dewett

Yongbin Quan

Antara Goswami
Ed Haire
James Pindell
Brian W. Horn

John Decker
Dan Orange
Philip Teas
Daniel Pryne

Yajun Li
Zhenglong Jiang
Shu Jiang
Kangning Xu

Elizabeth Elum
Michael Grammer
Matthew Pranter

Eric J. Peavey
Michael J. DeLuca

Bronwyn Moore
Matthew P. Wehner
Brent V. Miller
Michael C. Pope
Arthur D. Donovan
T. Scott Staerker

A. I. Levorsen Memorial Award

The A. I. Levorsen Memorial Award was established as the result of contributions from many individuals and societies who wished to contribute a lasting memorial to A. I. Levorsen. A plaque is given at the regional meetings of the sections of the American Association of Petroleum Geologists for the best paper, with particular emphasis on creative thinking toward new ideas in exploration. The papers are judged by committees established for each meeting and are presented through the local A. I. Levorsen Memorial Award Committee.

Only the authors presenting winning papers are recipients of the Levorsen Award. Their names are shown below in bold type, with their co-authors listed in regular type.

Eastern Section

1972 — **Sigmund Snelson**

1973 — **C. F. Upshaw**

1974 — **Douglas G. Patchen**
Richard Smosna
H. Buchanan

1975 — **B. Charlotte Schreiber**
R. Catalano
E. Schreiber

1976 — **G. R. Keller**
R. K. Soderberg
M. L. Ammerman
A. E. Bland

1977 — No Recipient

1978 — **Richard Smosna**
Douglas G. Patchen

1979 — **Mark W. Presley**

1980 — **Robert M. Cluff**

1981 — **A. B. Watts**
M. S. Steckler

1982 — **Vance P. Wiram**

1983 — **Howard R. Schwalb**

1984 — **Robert A. Sedivy**
Ralph Burwood
Gary A. Cole
Richard J. Drozd
Henry I. Halpern

1985 — **Helen M. Sestak**

1986 — **Karen Rose Cercone**

1987 — **Brian D. Keith**

1988 — **Richard Smosna**
J. M. Conrad
T. C. Maxwell

1989 — **Dennis R. Swager**
Neil F. Hurley

1990 — **Bruce V. Sanford**
A. C. Grant

1991 — **James W. Castle**

1992 — **Lisa K. Goetz**
J. Gary Tyler
Roger L. Macarevich
David L. Brewster
Jagadeesh R. Sonnad

1993 — **Robert E. Davis**

1994 — **Stephen F. Nowacxewski**

1995 — **Nicholas B. Harris**

1996 — **James A. Drahovzal**

1997 — **Robert Marc Bustin**
C. R. Clarkson

1998 — **T. Joshua Stark**
Lawrence H. Wickstrom

1999 — **David G. Morse**

2000 — **John R. Hogg**

2001 — **James A. Drahovzal**
Lawrence H. Wickstrom
Timothy R. Carr
John A. Rupp
Beverly Seyler
Scott W. White

2002 — **Albert S. Wylie, Jr.**

2003 — **Langhorne B. (Taury) Smith**
Richard Nyahay

2004 — **Langhorne B. (Taury) Smith**
Richard Nyahay

2005 — **J. Fred Read**

2006 — **Frank R. Ettensohn**

2007 — **Frank R. Ettensohn**

2008 — **Langhorne B. (Taury) Smith**

2009 — **Stephen T. Whitaker**
Bruce Schonert
Jon Brenizer
Bryan Clayton

2010 — **Christopher D. Laughrey**
Herman Lemmens
Tim Ruble
Alan R. Butcher
Greg Walker
Jaime Kostelnik
Wayne Knowles

2011 — **Anne Oudinot**
Karine Schepers
Nino Ripepi

2013 — **Hannes Leetaru**
Robert J. Finley

2014 — **Joseph P. Fagan, Jr.**

2015 — **Thomas M. (Marty) Parris**

2016 — **David R. Blood**

2017 — **Thomas (Marty) Parris**
Paul Hackley
Steve Greb
Cortland Eble

2018 — **Patrick Rutty**

Gulf Coast Section

1966 — **B. J. Sloane, Jr.**

1967 — **Hunter Yarborough, Jr.**

1968 — **John D. Myers**

1969 — **James K. Rogers**

1970 — **John J. Amoruso**

1971 — **Hunter Yarborough, Jr.**

1972 — **Robert R. Berg**

1973 — **James M. Coleman**
L. D. Wright

1974 — **Donald H. Kupfer**

1975 — **John D. Myers**

1976 — **Arthur R. Troell**
J. D. Robinson

1977 — **David K. Davies**
William R. Almon

1978 — **Charles T. Siemers**

1979 — **Robert R. Berg**

1980 — **Ernest A. Mancini**

1981 — **Edward C. Roy, Jr.**
Mark Eidelbach
Nancy Trumbly

1982 — **Thomas E. Ewing**
S. Christopher Caran

1983 — **John W. Cagle**
M. Ali Khan

1984 — **Gary L. Kinsland**

1985 — **William E. Galloway**

1986 — **Shirley P. Dutton**

1987 — **Shirley P. Dutton**
Robert J. Finley
Karen L. Herrington

1988 — **Ian Lerche**
John J. O'Brien

1989 — **Peter J. Hutchinson**

1990 — **Michael P. Prescott**

1991 — **Andrew J. Davidoff**

1992 — **Harry H. Roberts**
Douglas J. Cook
Mark K. Sheedlo

1993 — **Wayne Carew**
Glenn L. Krum
Paul F. Ostendorf

1994 — **John A. Rhodes**

1995 — **Mary J. Broussard**
Brian E. Lock

1996 — **David J. Hall**

1997 — **Brad A. Robison**
Roco Detomo, Jr.
R. David Garner
Arie Speksnijder
Michael J. Styzen

1998 — **Thomas E. Ewing**

1999 — **William C. Dawson**
William R. Almon

2000 — **Fuping Zhu**
Richard L. Gibson, Jr.
Joel S. Watkins Sung H. Yuh

2001 — **Kevin B. Hill**

2002 — **Steven T. Knapp**

2003 — **William A. Ambrose**
Juan Alvarado
Mario Aranda
L. F. Brown, Jr.
J. C. Flores
Khaled Fouad
Edgar Guevara
Ulises Hernandez
David C. Jennette
Gerardo Lopez
Eduardo Macias

Shinichi Sakurai
F. Sanchez
Daniel Velez
Tim Wawrzyniec

2004 — **Roger A. Young**
Robert D. LoPiccolo

2005 — No Recipient

2006 — **Mary L. Barrett**
John P. Goodson, Jr.

2007 — **Angela McDonnell**
Mike Hudec
Martin P. A. Jackson

2009 — **John B. Wagner**

2010 — **Robert Loucks**
Robert Reed
Stephen Ruppel
Ursula Hammes

2011 — No Recipient (meeting canceled)

2012 — **Michael R. Hudec**

2013 — **Jonathan P. Parker**
Claudia Montoya
Richard Uden
Oleg Yakovlev
Michael Murat

2014 — **John Snedden**
Ian O. Norton
Gail L. Christeson
Jason C. Sanford

2015 — **Elizabeth A. Watkins**
Julio Tamashiro
Nicholas Martin
Eldar Guliyev
Renato Leite
Nhom (Vince) Nguyen
Abayomi Aina
Mauro R. Becker
Marcelo Cristian Torrez Canaviri

2016 — **Duncan Bate**
Cian O'Reilly
James Keay
Alex Fick
Alex Birch Hawkins
Dario Chisari
Jason Kegel
Brad Torry

2018 — **Arish Kumar**
Josselin Kherroubi
Florent Bringer
George Richard Kear
Robert Laronga
Juan Herrera

Mid-Continent Section (Biennial Meetings)

1967 — **Philip C. Withrow**

1969 — **Thomas R. Cambridge**

1971 — **Terrence J. Donovan**

1973 — **Thomas W. Amsden**

1975 — **W. J. Ebanks, Jr.**

1977 — **D. W. Stearns**

1979 — **Donald C. Swanson**

1981 — **David W. Houseknecht**
Anthony T. Iannacchione
Mark A. Kuhn
Albert P. Matteo
David J. Steyaert
John F. Zaengle

1983 — **David Gagliardo**
 1985 — **J. Reed Lyday**
 1987 — **David W. Houseknecht**
 Lori A. Hathon
 1989 — **Edward D. Pittman**
 Laura L. Wray
 1991 — **William A. Miller**
 Gregory L. Brown
 Emily M. Hundley-Goff
 Steven L. Veal
 1993 — **Robert J. Weimer**
 1995 — **R. Nowell Donovan**
 1997 — **Jerry G. McCaskill, Jr.**
 1999 — **Kenneth S. Johnson**
 2001 — **Michael Bruemmer**
 Monica Turner-Williams
 Wan Yang
 2003 — **Allen K. Chamberlain**
 2005 — **Raymond P. Sorenson**
 2007 — **Timothy R. Carr**
 D. F. Merriam
 2009 — **Shane Matson**
 2011 — **Shane E. Matson**
 Charles W. Wickstrom
 Gregory B. Flournoy
 Steve W. Tilley
 2013 — **S. J. Mazzullo**
Brian W. Wilhite
 2015 — **Buddy Price**
 2017 — **Kirk Rottmann**
 J. P. Dick

Pacific Section

1968 — **David W. Scholl**
 David M. Hopkins
 H. Gary Greene
 Edwin E. Buffington
 1969 — **Robert F. Dill**
 1970 — **John W. Harbaugh**
 1971 — No Recipient
 1972 — **M. Keith Scribner**
 Stanford Eschner
 1973 — No Recipient
 1974 — **John A. Minch**
 1975 — **David R. Butler**
 1976 — **D. L. Ziegler**
 John H. Spotts
 1977 — **David W. Scholl**
 Alan K. Cooper
 1978 — **William R. Dickinson**
 Alan K. Cooper
 1978 — **William R. Dickinson**
 Raymond V. Ingersoll
 1979 — **C. Elizabeth Koch**
 1980 — **Lee F. Krystinik**
 1981 — No Recipient
 1982 — **Margaret A. Keller**
 1983 — **Richard P. Thomas**
 1984 — **John N. Thomson**
 Richard G. Blake
 Richard W. Boyd
 1985 — **Ronald C. Crane**
 1986 — **R. E. Chamberlain**
 Victor M. Madrid
 1987 — No Recipient

1988 — **James C. Ingle, Jr.**
 1989 — **Donald D. Miller**
 Thomas E. Covington
 John G. McPherson
 1990 — No Recipient
 1991 — **John M. Lohmar**
 Scott R. Morgan
 1992 — **Donald A. Medwedeff**
 Joseph T. C. Lin
 Timothy R. Carr
 John M. Stafford
 1993 — **Robert A. Horton, Jr.**
 1994 — **Michael D. Campbell**
 Walter E. Reed
 1995 — **Ronald C. Crane**
 1996 — No Recipient
 1997 — **Joseph A. Nahama**
 Rod Nahama
 1998 — **Michael F. Ponek**
 A. G. Mathews
 1999 — **Brian J. Casey**
 2000 — **Dalton F. Lockman**
 Philip Cerveny
 Dana Coffield
 Russell Davies
 Graham Dudley
 Richard Fox
 Rop Knipe
 Robert Krantz
 Stephen Lewis
 2001 — **Michael J. Richey**
 2002 — **H. W. Swan**
 2003 — **Morgan D. Sullivan**
 2004 — **Michael S. Clarke**
 Dale Julander
 Tom Zalan
 2005 — **Jacob A. Covault**
 Stephen A. Graham
 William R. Normack
 2006 — No Recipient
 2007 — No Recipient
 2008 — **Scott T. Hector**
 Mike Johns
 Brian Cunningham
 2009 — **Timothy R. McHargue**
 Julian Clark
 Andrea Fildani
 Marjorie Levy
 Brian Romans
 Jacob Covault
 Morgan Sullivan
 Michael Pyrcz
 Henry Posamentier
 2010 — **Grant Garven**
 Byeongju Jung
 James R. Boles
 2011 — **David W. Houseknecht**
 Ken J. Bird
 2012 — No Recipient
 2013 — **Todd J. Green**
 2014 — **Michael D. Henschel**
 Benjamin Deschamps
 Shinya Sato Gillian Robert
 2015 — **Daniel E. Schwartz**

2016 — **Gregory Gordon**
 Stuart Gordon
 2017 — **Paul G. Lillis**
 Michael D. Lewan
 Richard G. Stanley
 David L. LePain
 Marwan A. Warles
 2018 — **Yannick Wirtz**
 Richard J. Behl

Rocky Mountain Section

1966 — **Lloyd C. Pray**
 Philip W. Choquette
 1967 — **Frank A. Exum**
 John C. Harms
 1968 — No Recipient
 1969 — **James E. Fassett**
 1970 — No Recipient
 1971 — **Richard W. Volk**
 1972 — **Robert J. Weimer**
 1973 — **Esther R. Jamieson Magathan**
Lyle A. Hale
 1974 — **Fred Meissner**
 1975 — **Donald E. Owen**
 1976 — **John P. Lockridge**
 1977 — **William E. Galloway**
 1978 — **Randi S. Martinsen**
 R. W. Tillman
 1979 — **Henry W. Roehler**
 1980 — Norman H. Foster
 Edward D. Dolly
 1981 — **Charles W. Spencer**
 Ben E. Law
 1982 — **Mark W. Longman**
 Thomas G. Fertal
 James S. Glennie
 1983 — **James R. Steidtmann**
 Linda C. McGee
 Larry Middleton
 1984 — **Gary C. Mitchell**
 1985 — **Robbie R. Gries**
 1986 — **Thomas A. Ryer**
 Edmund R. Gustason
 Sarah K. Odland
 1987 — **Alan K. Chamberlain**
 1988 — **Jerry L. Clayton**
 J. David King
 Joel S. Leventhal
 Carlos M. Lubeck
 Ted A. Daws
 1989 — **Edmund R. Gustason**
 1990 — **John C. Lorenz**
 1991 — **Michael L. Hendricks**
 1992 — **Arnold Wood**
 1993 — **Eric H. Johnson**
 1994 — No Recipient
 1995 — **Thomas A. Ryer**
 Paul B. Anderson
 1996 — **Michael L. Hendricks**
 1997 — **Lawrence A. McPeck**
 George E. Newman
 M. Ray Thomasson
 1998 — **No Recipient**
 1999 — **Kurt N. Constenius**

2000 — **Laird B. Thompson**
Peter H. Hennings
2001 — No Recipient
2002 — **David R. Pyles**
2003 — No Recipient
2004 — **Robert A. Lamarre**
Stephen K. Ruhl
2005 — **Glenn Ulrich**
Roland De Bruyn
Mark Finkelstein
2006 — **Geoff D. Thyne**
2007 — **Vincent G. Rigatti**
Tony LeFevre
Richard Newhort
Kimberly Kaiser
Scott Goodwin
Robert Parney
2008 — **Rex D. Cole**
Matthew J. Pranter
2009 — **No Recipient**
2010 — **Charles E. Bartberger**
Ira Pasternack
2011 — **John C. Lorenz**
Scott P. Cooper
2012 — **Timothy Nesheim**
Stephan Nordeng
2013 — **Robert L. Baskin**
2014 — **Mark A. Millard**
2015 — No Recipient
2016 — **Catherine Campbell**
Mark Toby
2017 — **Christopher R. Fielding**
Andrew J. Hutsky
Jesse T. Korus

Southwest Section

1968 — **Donald C. Swanson**
1969 — **Karl W. Klement**
1970 — **Edward R. Tegland**
1971 — **Daniel A. Busch**
1972 — **Orville L. Bandy**
1973 — **John J. Amoruso**
1974 — **Ralph L. Horak**
1975 — No Recipient
1976 — **Robert R. Berg**
M. H. Mitchell
1977 — **Clayton S. Valder, Jr.**
1978 — **Stephen E. Collings**
1979 — **James O. Lewis**
1980 — **David Austin Jones**
Jack H. Kelsey
1981 — **Naresh Kumar**
Jack Dolph Foster
1982 — **Craig D. Caldwell**
John P. Hobson, Jr.
Donald F. Toomey
1983 — **S. J. Mazzullo**
1984 — **Dean C. Hamilton**
1985 — **Robert Berg**
John T. Leethem
1986 — **S. J. Mazzullo**
Alastair M. Reid, II
Sue Tomlinson Reid
1987 — **Edwin Pinero**
Ronald D. Kreisa

1988 — **Terence L. Britt**
1989 — **John L. Thoma**
1990 — **Louis J. Mazzullo**
1991 — **Arthur W. Cleaves**
1992 — **J. F. "Rick" Sarg**
1993 — **David Childers**
Mark W. Shuster
1994 — **Salvatore J. Mazzullo**
1995 — **John M. Armentrout**
1996 — **George B. Asquith**
1997 — **Donald C. Swanson**
1998 — **Greg A. Norman**
1999 — **Louis J. Mazzullo**
2000 — **Shirley P. Dutton**
Mark D. Barton
William A. Flanders
Helena H. Zirczy
2001 — **Bob A. Hardage**
2002 — **Ron F. Broadhead**
2003 — **Russel K. Davies**
Jimmy D. Thomas
2004 — **Eugene Rankey**
2005 — **Daniel M. Jarvie**
Ronald J. Hill
Richard M. Pollastro
2006 — **Robert G. Loucks**
Stephen C. Ruppel
2007 — **Alton A. Brown**
2008 — **Rick Turner**
2009 — **Lyn Canter**
2010 — **Martin Selznick**
2011 — **Paul H. Pause**
2012 — **Joel D. Walls**
Brian Driskill
Steven W. Sinclair
2013 — **Thomas Ewing**
2014 — **Timothy R. McGinley**
2015 — **William A. Ambrose**
Tucker H. Hentz
Logan Tussey
2016 — **Glenn Winters**
2017 — **Robert C. Trentham**
2018 — **Jens-Erik Lund Snee**
Mark D. Zoback

Gabriel Dengo Memorial Award

The Gabriel Dengo Memorial Award (formerly the Best International Paper Award) is given to the speaker presenting, before the AAPG International Conference, the paper judged to be the best, as determined by a judging committee, based on both scientific quality of content and excellence in presentation.

1991 — Frank J. Picha
1992 — P. Joe Hamilton
1993 — Chris Clayton
1994 — John Van Wagoner
1995 — Martin Schoell
1996 — John O'Leary
1997 — Peter R. Rose

1998 — Kevin M. Bohacs
1999 — Rob J. Knipe
2000 — Alfredo E. Prelat
2001 — No Recipient
2002 — Robert F. Marten
James A. Keggins
2003 — Roy C. Davies
Ron Boyd
John Howell
2004 — Jose Alejandro Luquez
2005 — Marek Kacewicz
2006 — Dale A. Leckie
2007 — No Conference
2008 — Charles Kerans
2009 — Pedro V. Zalan
Maria do Carmo G. Severino
Joao Alberto B. Oliveira
Luciano P. Magnavita
Webster U. Mohriak
Rogerio C. Gontijo
Adriano R. Viana
Peter Szatmari
2010 — Jennifer Scott
John Guthrie
Steve Crews
Graeme Gordon
Benn Hansen
Niall McCormack
Dean Griffin
Laura Lawton
Rod Graham
Tim Grow
Andy Pepper
Caroline Burke
2011 — Jonny Hesthammer
2012 — John Tinnen
2013 — Irene Arango
2014 — Zamir Bega
2015 — Charlie Smith
2016 — Thomas Murphy
2017 — Nigel P. Mountney
Luca Colomba
Ni Yan
Bill McCaffrey

Ziad Beydoun Memorial Award

The Ziad Beydoun Memorial Award (formerly the Best International Poster Award) is given to the author(s) of the best AAPG poster session paper presented at the AAPG International Conference.

1991 — A. Ewan Campbell
Jan Stafleu
1992 — John M. Armentrout
Lei-KuangLeu
Jorge J. Faz
1993 — Richard Wrigley
1994 — Zainuddin Yusoff
1995 — Claude Guyot
Andre Coajou
A. Ribeiro

1996 — Leon J. Aden
Robert E. Bierley

1997 — R  mi Eschard
Olivier Lerat
Didier Granjeon
Brigitte Doligez
Guy Desaubliaux
Fran  ois Lafont

1998 — Stanley T. Paxton
Gary C. Stone
Barbara L. Faulkner

1999 — Joseph M. Finneran
Yatindranath Keith Bally

2000 — Richard Hillis

2001 — No Recipient

2002 — Philip D. Heppard
Daniel Ebrom
Michael Mueller
Leon Thomsen
Toby Harrold

2003 — Tore M. Loseth
Ole J. Martinsen
Jan C. Rivenaes
Kristian Soegaard
John Thurmond

2004 — Richard H. Fillon
Harry H. Roberts

2005 — Denis Marchal
Jean-Marc Daniel
Misa  l Alvear

2006 — Jonny Wu
Ken McClay
Paul Whitehouse

2008 — George Pemberton
Murrays Gingras
James MacEachern

2009 — Paul Markwick
Mohamed Raddadi
Lauren Raynham
Steve Tomlinson
Emma Edgecombe
Dennis Rowland
Robert Bailiff
Amanda Galsworthy
Neil Wrobel

2010 — Kathryn Hoffmeister
Diane Kamola

2011 — Stan Abele
Rocky Roden

2012 — BodoKatz
David Sibley
Adam J. Vonk

2013 — Jamie O. Castillo
Victor Castro
Alfredo Ramirez
Carlos Mora
Johana Paola Blanco Martinez
Claudia Ceballos

2014 — Grant Ellis

2015 — Angela G. Griffin
Kyle J. Bland
Brad Field
Dominic P. Strogen
Gareth Crutchley
Mark J. Lawrence
Richard Kellett

2016 — Daniel Emiliano Bola  os Rodr  guez
Manuel Cruz-Castillo
Adriana Acosta-Angeles

2017 — Anastasia Polymeni
John Underhill
Rachel Jamieson

AAPG House of Delegates Awards

Honorary Member of the House

Jeffrey William Lund
Dwight McClintock Moore

Distinguished Member of the House

John M. Armentrout
Robert E. Webster

Recognition of Service Award

Justin Vandenbrink
David Jacob Entzminger

Long Service Award

H. W. (Dub) Peace, II

Delegates Receiving the 15-Year Certificate of Service HoD

Landon W. Holman
Craig Wayne Reynolds
Patrick James Gooding
Larry Craig Knauer

Delegates Receiving the Nine-Year Certificate of Service HoD

Ralph "Jim" James Corken
Michael Weston Smith
Peter Mark Lloyd
Ernest R. Morrison
George King P. Munson
James F. Allan
Dennis Oliver Moore

Foundation Weeks Medal Award

The L Austin Weeks Memorial Medal is given in recognition for extraordinary philanthropy and service directed to advance the mission of the AAPG Foundation. The Foundation award honors the late L. Austin Weeks, whose philanthropic legacy set an exemplary standard.

2008 — Marta S. Weeks
2009 — Boone Pickens
2010 — Lawrence W. Funkhouser
2011 — Jack C. Threet
2012 — William J. Barrett
2013 — Robert Gunn
2014 — James A. Hartman
2015 — David W. Worthington
2016 — William E. Gipson
2017 — Paul Strunk
2018 — John Amoruso

Foundation Chairman's Award

The AAPG Foundation Chairman's Award is given to recognize persons who have made extraordinary contributions (monetary or service) to the AAPG Foundation, and also to call attention to the role and value of the Foundation.

1999 — Michel T. Halbouty
2000 — L. Austin Weeks
2001 — James E. Wilson
2002 — Merrill W. Haas
2003 — Hugh Looney
2004 — Lawrence W. Funkhouser
2005 — Fred A. Dix, Jr.
2006 — Robert W. Esser
2007 — Eugene F. Reid
2008 — Jack C. Threet
2009 — John W. Shelton
2010 — David Scott Holland
2011 — William E. Crain
2012 — Herbert G. Davis
2013 — Richard Baile
2014 — Charles Weiner
2015 — William L. Fisher
2016 — Donald A. O'Nesky
2017 — Frank Harrison, Jr.
2018 — Paul H. Dudley

Teacher of the Year Award

The Teacher of the Year Award is given to a K-12 teacher for "Excellence in the Teaching of Natural Resources in the Earth Sciences." Nominations are submitted by AAPG Affiliated Societies and Sections, with the final selection made by a subcommittee of the AAPG Youth Education Activities Committee. Funded by the AAPG Foundation, the winning teacher's school is given \$3,000 for the teacher's use in the classroom, and the teacher also receives \$3,000 cash, plus an expense paid trip to the next AAPG Annual Meeting to receive the award.

1996 — Jane Justus Frazier
1997 — No Recipient
1998 — No Recipient
1999 — Herbert L. Turner
2000 — Peggy Lubchenco
2001 — John McKinney
2002 — Kevin Leineweber
2003 — Amy J. John
2004 — Michael Fillipow
2005 — Marilyn Bachman
2006 — James G. Schulz
2007 — Ryan Henry
2008 — Mary Fitts
2009 — Ty Robinson
2010 — L. Stef Paramoure
2011 — Sharon Milito

2012 — Jonna Gentry
2013 — Chris Bolhuis
2014 — Heather McArdle
2015 — Jacqueline Bath
2016 — Karen Waterbury
2017 — Julie Mitchell
2018 — Deborah Morgan

Inspirational Geoscience Educator Award

The Inspirational Geoscience Educator Award is given annually to a college or university professor who has demonstrated outstanding leadership in the field of geoscience education. The award is intended to encourage geoscience professors to stay current on industry trends and cutting edge technology to share with their undergraduate and graduate students, further enhancing the field of geoscience research.

2017 — Hendratta Ali
2018 — Lauren Birgenheier

AAPG Division of Professional Affairs

Life Membership

Richard D. Fritz

Heritage Award

John Kaldi

Distinguished Service Award

Valary Schulz

Recognition of Distinction

Tim Rynott
Stephanie Nwoko
Jason Hamilton
Joel Alberts

DPA Past President's Award

Chandler Wilhelm

Certificate of Merit

David Wavrek
Andrea Reynolds

Best Paper Award

Jeff Aldrich

AAPG Energy Minerals Division (EMD)

Honorary Membership

Arthur H. Johnson (award posthumously)

Distinguished Service Award

Steven Schamel

EMD Past President's Award

Anne Draucker

Certificate of Merit

Wayne Camp

Frank Kottlowski Memorial Award (Best Paper)

David Blood

President's Certificate for Excellence in Presentation (Oral Presentation)

Gregory Frebourg
Stephen C. Ruppel
Harry Rowe

Loyd Carlson Memorial Award (Best Poster)

Niels H. Schovsbo
Thomas Goode
Jack Beuthin
Emmanuel Derbez
Kate Parkin

President's Certificate for Excellence in Presentation (Poster Presentation)

Stephen P. Gardner
Katie-Joe McDonough
Robert Lieber
Ray Vogler
Scott Cook
Michael Pollachek

AAPG Division of Environmental Geosciences (DEG)

Public Outreach

Donald D. Clarke

Research Award

Janice M. Gillespie

Corporate Award for Excellence in Environmental Stewardship

Battelle Memorial Institute

Honorary Membership

Robert Lindblom

Certificates of Merit

Michael Jacobs
James "Allen" Waggoner

AAPG Petroleum Structure and Geomechanics Division (PSGD) Best Papers 2017

Best Seminal Publication

Ronald A. Nelson, 1985 and 2001, Geological Analysis of Naturally Fractured Reservoirs, Elsevier Publishing

Best Recent Publication

Juan Alcalde, Clare E. Bond, Gareth Johnson, Robert W.H. Butler, Mark A. Cooper, and Jennifer F. Ellis, 2017, The importance of structural model availability on seismic interpretation, Journal of Structural Geology, v. 97, pp. 161–171.

AAPG Executive Committees

Term	President	Vice President	Secretary-Treasurer	Editor
1917-18	J. Elmer Thomas*	Alexander Deussen*	Maurice G. Mehl*	Charles H. Taylor*
1918-19	Alexander Deussen*	I. C. White*	William E. Wrather*	Charles H. Taylor
1919-20	I. C. White*	Irving Perrine*	Charles E. Decker*	Charles H. Taylor
1920-21	Wallace E. Pratt*	Alex W. McCoy*	Charles E. Decker	Raymond C. Moore*
1921-22	George C. Matson*	George C. Gester*	Charles E. Decker	Raymond C. Moore
1922-23	William E. Wrather*	Max W. Ball*	Charles E. Decker	Raymond C. Moore
1923-24	Max W. Ball*	Frank W. DeWolf*	Charles E. Decker	Raymond C. Moore
1924-25	James H. Gardner*	Earl G. Gaylord*	Charles E. Decker	Raymond C. Moore
1925-26	E. L. DeGolyer*	R. S. McFarland*	Charles E. Decker	Raymond C. Moore
1926-27	Alex W. McCoy*	C. R. McCollom*	Fritz L. Aurin*	John L. Rich*
1927-28	George C. Gester*	Luther H. White*	David Donoghue*	John L. Rich
1928-29	R. S. McFarland*	John E. Elliott*	David Donoghue	John L. Rich
1929-30	J. Y. Snyder*	Fred H. Kay*	A. Rodger Denison*	Frederic H. Lahee*
1930-31	Sidney Powers*	Ralph D. Reed*	Marvin Lee*	Frederic H. Lahee
1931-32	L. P. Garrett*	L. Courtney Decius*	Frank R. Clark*	Frederic H. Lahee
1932-33	Frederic H. Lahee*	Robert J. Riggs*	William B. Heroy, Sr.*	Ralph D. Reed*
1933-34	Frank R. Clark*	George Sawtelle*	William B. Heroy, Sr.	Luther C. Snider*
1934-35	William B. Heroy, Sr.*	E. B. Hopkins*	Monroe G. Cheney*	Luther C. Snider
1935-36	A. I. Levorsen*	Frank A. Morgan*	E. C. Moncrief*	Luther C. Snider
1936-37	Ralph D. Reed*	C. E. Dobbin*	Charles H. Row*	Luther C. Snider
1937-38	Herbert B. Fuqua*	Clarence E. Moody*	Ira H. Cram, Sr.*	W. A. Ver Wiebe*
1938-39	Donald C. Barton*	Harold W. Hoots*	Ira H. Cram, Sr.	W. A. Ver Wiebe
1939-40	Henry A. Ley*	L. M. Neumann*	Edgar W. Owen*	W. A. Ver Wiebe
1940-41	Luther C. Snider*	John M. Vetter*	Edgar W. Owen	W. A. Ver Wiebe
1941-42	Edgar W. Owen*	Earl B. Noble*	E. O. Markham*	W. A. Ver Wiebe
1942-43	Fritz L. Aurin*	Paul Weaver*	E. O. Markham	W. A. Ver Wiebe
1943-44	A. Rodger Denison*	Robert W. Clark*	Robert E. Rettger*	Carey Croneis*
1944-45	Ira H. Cram, Sr.*	Warren B. Weeks*	Robert E. Rettger	Gayle Scott*
1945-46	Monroe G. Cheney*	M. Gordon Gully*	Edward A. Koester*	Gayle Scott
1946-47	Earl B. Noble*	D. Perry Olcott*	Edward A. Koester	Gayle Scott
1947-48	C. E. Dobbin*	George S. Buchanan*	J. V. Howell*	Clarence L. Moody*
1948-49	Paul Weaver*	Roy M. Barnes*	J. V. Howell	Clarence L. Moody
1949-50	C. W. Tomlinson*	Theodore A. Link*	Henry N. Toler*	Alfred H. Bell*
1950-51	Clarence L. Moody*	John E. Adams*	Henry N. Toler	Alfred H. Bell
1951-52	Frank A. Morgan*	Lewis G. Weeks*	Robert H. Dott, Sr.*	Kenneth K. Landes*
1952-53	Morgan J. Davis, Sr.*	John G. Bartram*	John W. Clark*	Kenneth K. Landes
1953-54	John E. Adams*	Leslie M. Clark*	Elliott H. Powers*	Armand J. Eardley*
1954-55	Edward A. Koester*	Graham B. Moody*	Elliott H. Powers	Armand J. Eardley
1955-56	G. Moses Knebel*	Horace D. Thomas*	W. A. Waldschmidt*	William C. Krumbein*
1956-57	Theodore A. Link*	Ben H. Parker*	W. A. Waldschmidt	William C. Krumbein
1957-58	Graham B. Moody*	B. Warren Beebe*	William J. Hilseweck*	Sherman A. Wengerd*
1958-59	George S. Buchanan*	Gordon I. Atwater*	Harold T. Morley*	Sherman A. Wengerd
1959-60	Lewis G. Weeks*	Alfred H. Bell*	Harold T. Morley	Grover E. Murray*
1960-61	Ben H. Parker*	Frank B. Conselman*	George V. Cohee*	Grover E. Murray
1961-62	Mason L. Hill*	J. Ben Carsey*	George V. Cohee	Grover E. Murray
1962-63	Robert E. Rettger*	Orlo E. Childs*	Robert E. King*	Grover E. Murray
1963-64	John C. Sproule*	Thomas H. Philpott*	Robert E. King	John C. Hazard*
1964-65	Grover E. Murray*	William H. Curry, Jr.*	George C. Hardin, Jr.*	John C. Hazard
1965-66	Orlo E. Childs*	John M. Parker*	George C. Hardin, Jr.	John C. Hazard
1966-67	Michel T. Halbouty*	Daniel A. Busch*	John D. Moody*	John C. Hazard
1967-68	J. Ben Carsey*	Eduardo J. Guzman*	John D. Moody	John D. Haun
1968-69	Frank B. Conselman*	John E. Kilkenny*	James M. Forgotson, Jr.	John D. Haun
1969-70	Kenneth H. Crandall*	Willis G. Meyer*	James M. Forgotson, Jr.	John D. Haun
Term	President	Vice President	President-Elect	Secretary
1970-71	William H. Curry, Jr.*	J. M. Browning*	Sherman A. Wengerd*	James R. Jackson, Jr.*
1971-72	Sherman A. Wengerd*	John A. Taylor*	James E. Wilson, Jr.*	Ted L. Bear*

*Deceased

Term	President	Vice President	President-Elect	Secretary
1972-73	James E. Wilson, Jr.*	Samuel P. Ellison, Jr.*	Daniel A. Busch*	Ted L. Bear*
1973-74	Daniel A. Busch*	August Goldstein, Jr.*	Merrill W. Haas*	Bernold M. "Bruno" Hanson*
1974-75	Merrill W. Haas*	Duncan A. McNaughton*	John E. Kilkenny*	Bernold M. "Bruno" Hanson
1975-76	John E. Kilkenny*	Frank C. Crawford*	John D. Moody*	Robey H. Clark*
1976-77	John D. Moody*	Ralph L. Miller*	Edd R. Turner*	Robey H. Clark
1977-78	Edd R. Turner*	Edwin P. Kerr*	Robert D. Gunn	John J. Amoruso
1978-79	Robert D. Gunn	Thomas D. Barber*	John D. Haun	John J. Amoruso
1979-80	John D. Haun	D. Keith Murray	Robey H. Clark*	Donald R. Boyd*
1980-81	Robey H. Clark*	Eugene F. Reid*	Frank W. Harrison, Jr.	Donald R. Boyd
1981-82	Frank W. Harrison, Jr.	John L. Severson*	John M. Parker*	James A. Hartman
1982-83	John M. Parker*	John P. Lockridge	John J. Amoruso	James A. Hartman
1983-84	John J. Amoruso	Robert D. Cowdery	Ted L. Bear*	James A. Gibbs
1984-85	Ted L. Bear*	Gerald M. Friedman*	William L. Fisher	James A. Gibbs
1985-86	William L. Fisher	Clemont H. Bruce*	Bernold M. "Bruno" Hanson*	Richard R. Bloomer*
1986-87	Bernold M. "Bruno" Hanson*	James M. Forgotson, Jr.	Lawrence W. Funkhouser	Richard R. Bloomer
1987-88	Lawrence W. Funkhouser	Jerome J. C. Ingels	Norman H. Foster*	Michael E. Hriskevich*
1988-89	Norman H. Foster*	John W. Shelton	James O. Lewis, Jr.*	Michael E. Hriskevich
1989-90	James O. Lewis, Jr.*	John W. Harbaugh	James A. Gibbs	Arthur M. Van Tyne
1990-91	James A. Gibbs	David G. Campbell	Robert J. Weimer	Arthur M. Van Tyne
1991-92	Robert J. Weimer	Donald W. Axford*	Harrison L. Townes	Richard S. Bishop
1992-93	Harrison L. Townes	Donald L. Ziegler	Don F. Tobin*	Richard S. Bishop
1993-94	Don F. Tobin*	Robert G. Lindblom	A. T. "Toby" Carleton*	G. Warfield Hobbs
1994-95	A. T. "Toby" Carleton*	Stewart Chuber	Eugene F. "Bud" Reid*	G. Warfield Hobbs
1995-96	E. F. "Bud" Reid*	Stephen A. Sonnenberg	Robert D. Cowdery	Robbie Gries
1996-97	Robert D. Cowdery	David A. L. Jenkins	Edward K. David	Robbie Gries
1997-98	Edward K. David	Roy D. Nurmi	Richard S. Bishop	Elizabeth B. Campen
1998-99	Richard S. Bishop	Martha Lou Broussard	M. Ray Thomasson	Elizabeth B. Campen
1999-00	M. Ray Thomasson	Carl J. Smith	Marlan W. Downey*	Charles R. Noll*
2000-01	Marlan W. Downey*	Ronald A. Nelson	Robbie Rice Gries	Charles R. Noll*
2001-02	Robbie R. Gries	Donald W. Lewis	Daniel L. Smith	Charles J. Mankin*
2002-03	Dan L. Smith	Peter M. Lloyd	Stephen A. Sonnenberg	Charles J. Mankin
2003-04	Stephen A. Sonnenberg	Erik P. Mason*	Patrick J. F. Gratton	Robert L. Countryman
2004-05	Patrick J. F. Gratton	Neil F. Hurley	Peter R. Rose	Robert L. Countryman
2005-06	Peter R. Rose	Steven L. Veal	Lee T. Billingsley	J. Michael Party
2006-07	Lee T. Billingsley	John C. Dolson	Willard R. Green	J. Michael Party

Term	President	Sections Vice President	Regions Vice President	President-Elect
2007-08	Willard "Will" R. Green	John M. Armentrout	John R. Hogg	Scott W. Tinker
2008-09	Scott W. Tinker	W. C. "Rusty" Riese	John R. Hogg	John C. Lorenz
2009-10	John C. Lorenz	W. C. "Rusty" Riese	Alfred E. Guzmán	David G. Rensink
2010-11	David G. Rensink	Marvin D. Brittenham	Alfred E. Guzmán	Paul Weimer
2011-12	Paul Weimer	Marvin D. Brittenham	Stuart D. Harker	Edward A. Beaumont
2012-13	Edward A. Beaumont	Thomas E. Ewing	Stuart D. Harker	Lee Krystinik
2013-14	Lee Krystinik	Thomas E. Ewing	John Kaldi	Randi Martinsen
2014-15	Randi Martinsen	Steve Brachman	John Kaldi	John Hogg
2015-16	John R. Hogg	Steve Brachman	Peter M. Lloyd	Paul W. Britt
2016-17	Paul W. Britt	Daniel E. Schwartz	Peter M. Lloyd	Charles Sternbach
2017-18	Charles Sternbach	Daniel E. Schwartz	David R. Cook	Denise Cox

Term	Treasurer	Editor	Chairman, House of Delegates
1970-71	William B. Heroy, Jr.*	John D. Haun	George R. Gibson*
1971-72	William B. Heroy, Jr.	Frank E. Kottlowski*	George C. Hardin, Jr.*
1972-73	Fred A. Dix, Jr.*	Frank E. Kottlowski	Hebert G. Davis
1973-74	Edd R. Turner, Jr.*	Frank E. Kottlowski	Robert J. Gutru*
1974-75	George C. Grow, Jr.*	Frank E. Kottlowski	Hugh N. Frenzel*
1975-76	George C. Grow, Jr.	John W. Shelton	Robert N. Hacker*
1976-77	George S. Galbraith*	John W. Shelton	John W. James*
1977-78	George S. Galbraith	John W. Shelton	Harry A. Miller, Jr.*
1978-79	George B. Pichel	John W. Shelton	J. Miller Goodger*
1979-80	George B. Pichel	Myron K. Horn	Louis C. Bortz
1980-81	John S. Runge	Myron K. Horn	H. Victor Church*
1981-82	John S. Runge	Myron K. Horn	David G. Campbell
1982-83	Norman H. Foster*	Myron K. Horn	William H. Roberts, III*
1983-84	Norman H. Foster	Richard Steinmetz	Bruce O. Tohill
1984-85	John R. Kerns	Richard Steinmetz	A. T. (Toby) Carleton*

*Deceased

Term	Treasurer	Editor	Chairman, House of Delegates
1985-86	John R. Kerns	James A. Helwig	Larry D. Woodfork
1986-87	Anthony Reso	James A. Helwig	John L. Stout
1987-88	Anthony Reso	James A. Helwig	Martha Lou Broussard
1988-89	Paul M. Strunk	James A. Helwig	George A. Hillis
1989-90	Paul M. Strunk	Susan A. Longacre	Brenda K. Cunningham
1990-91	Edward K. David	Susan A. Longacre	John C. Osmond*
1991-92	Edward K. David	Susan A. Longacre	Willard R. Green
1992-93	Susan M. Landon	Susan A. Longacre	Kenneth O. Seewald*
1993-94	Susan M. Landon	Kevin T. Biddle	Gerald A. Cooley*
1994-95	Lee T. Billingsley	Kevin T. Biddle	Ed W. Heath
1995-96	Lee T. Billingsley	Kevin T. Biddle	Thomas Ahlbrandt
1996-97	Steven L. Veal	Kevin T. Biddle	Patrick J. F. Gratton
1997-98	Steven L. Veal	Neil F. Hurley	Daniel L. Smith
1998-99	Terry L. Hollrah	Neil F. Hurley	Tom Mairs*
1999-00	Terry L. Hollrah	Neil F. Hurley	John R. Hogg
2000-01	Edward B. Picou, Jr.	Neil F. Hurley	Lowell K. Lischer
2001-02	Edward B. Picou, Jr.	John C. Lorenz	Edward D. Dolly
2002-03	Paul Weimer	John C. Lorenz	Terry L. Hollrah
2003-04	Paul Weimer	John C. Lorenz	George Eynon
2004-05	Dwight "Clint" Moore	Ernest A. Mancini	Valary L. Schulz
2005-06	Dwight "Clint" Moore	Ernest A. Mancini	Don D. Clarke
2006-07	Randi S. Martinsen	Ernest A. Mancini	Larry L. Jones

Term	Secretary	Treasurer	Editor	Chairman, House of Delegates
2007-08	Edward "Ted" A. Beaumont	Randi S. Martinsen	Gretchen M. Gillis	Martin D. Hewitt
2008-09	Edward "Ted" A. Beaumont	Kay L. Pitts	Gretchen M. Gillis	George R. Bole
2009-10	William S. Houston	Kay L. Pitts	Gretchen M. Gillis	Stephen A. Sonnenberg
2010-11	William S. Houston	James S. McGray	Stephen E. Laubach	David H. Hawk
2011-12	Denise M. Cox	James S. McGray	Stephen E. Laubach	Jeffrey W. Lund
2012-13	Denise M. Cox	Deborah K. Sacrey	Stephen E. Laubach	R. Randy Ray
2013-14	Richard W. Ball	Deborah K. Sacrey	Michael Sweet	Lawrence H. Wickstrom
2014-15	Richard W. Ball	Jim Tucker	Michael Sweet	David A. Dolph
2015-16	Heather L. Lareau	Jim Tucker	Michael Sweet	Robert C. Sho up
2016-17	Heather L. Lareau	Martin Hewitt	Barry Katz	Jim McGray
2017-18	Laura Johnson	Martin Hewitt	Barry Katz	David Entzminger

Energy Minerals Division Executive Committees

Term	President	Vice President	Secretary-Treasurer
1977-78	Loyd A. Carlson*	Warren H. Westphal*	Ruffin I. Rackley
1978-79	Warren H. Westphal*	Frederick R. Scheerer	Ruffin I. Rackley
1979-80	Frederick R. Scheerer	John A. Pederson	Robert L. Fuchs
1980-81	John A. Pederson	Samuel A. Friedman	Robert L. Fuchs
1981-82	Robert L. Fuchs	J. Henri N. Wennekers	Norbert E. Cygan
1982-83	Ruffin I. Rackley	Charles W. Berge	Norbert E. Cygan
1983-84	Charles W. Berge	Norbert E. Cygan	Edward C. Beaumont
1984-85	Norbert E. Cygan	Philip C. Goodell	Edward C. Beaumont
1985-86	Philip C. Goodell	D. Keith Murray	O. Jay Gatten
1986-87	D. Keith Murray	Frank E. Kottlowski*	O. Jay Gatten
1987-88	Frank E. Kottlowski*	Jeremy B. Platt	Sandra C. Feldman
1988-89	Jeremy B. Platt	Donald F. Towse*	Sandra C. Feldman
1989-90	Donald F. Towse*	Samuel A. Friedman	Sandra C. Feldman
1990-91	Samuel A. Friedman	Douglas C. Peters	Sandra C. Feldman
1991-92	Douglas C. Peters	Carl J. Smith	Frank D. Pruett*
1992-93	Carl J. Smith	John W. Gabelman	Frank D. Pruett
1993-94	John W. Gabelman	Charles G. "Chip" Groat	Frank D. Pruett
1994-95	Charles G. "Chip" Groat	Gayle H. "Scott" McColloch	Frank D. Pruett
1995-96	Gayle H. "Scott" McColloch, Jr.	Carroll F. Knutson	Peter J. McCabe
1996-97	Carroll F. Knutson	Margaret Anne Rogers	Peter J. McCabe

Term	President	Vice President	Secretary	Treasurer
1997-98	Margaret Anne Rogers	Lawrence L. Brady	Samuel A. Friedman	Carroll F. Knutson

Term	President	Vice President	President-Elect	Secretary	Treasurer
1998-99	Lawrence L. Brady	Jack C. Pashin	Thomas E. Ewing	Brian J. Cardott	James C. Hower
1999-00	Thomas E. Ewing	Andrew R. Scott	Ronald L. Grubbs	Brian J. Cardott	Michael A. Wiley*
2001-01	Ronald L. Grubbs	Brian J. Cardott	Andrew R. Scott	Alexander R. Papp	Michael A. Wiley

*Deceased

Term	President	Vice President	President-Elect	Secretary	Treasurer
2001-02	Andrew R. Scott	Chacko J. John	Rebecca L. Dodge	Alexander R. Papp	Michael A. Wiley
2002-03	Rebecca L. Dodge	Alexander R. Papp	Chacko J. John	Walter B. Ayers, Jr.	Michael A. Wiley
2003-04	Chacko J. John	Peter D. Warwick	Brian J. Cardott	Elizabeth B. Campen	Michael A. Wiley
2004-05	Brian J. Cardott	Elizabeth B. Campen	Peter Warwick	Samuel H. Limerick	Michael A. Wiley
2005-06	Peter Warwick	Creties Jenkins	William A. Ambrose	Samuel H. Limerick	K. David Newell
2006-07	William A. Ambrose	Jack C. Pashin	Douglas G. Patchen	Elizabeth B. Campen	K. David Newell
2007-08	Douglas G. Patchen	Larry M. Knox	Creties Jenkins	Elizabeth B. Campen	Neil S. Fishman
2008-09	Creties D. Jenkins	Andrea A. Reynolds	Frank E. Walles	Amy E. Sullivan	Neil S. Fishman
2009-10	Frank E. Walles	Fran Hein	Michael D. Campbell	Amy E. Sullivan	Kent A. Bowker
2010-11	Michael D. Campbell	Genevieve B. Young	Stephen M. Testa	Frances J. Hein	Kent A. Bowker
2011-12	Stephen M. Testa	Dale A. Fritz	Andrea Reynolds	Frances J. Hein	David E. Tabet
2012-13	Andrea Reynolds	Robert A. Trevail	Jeremy Boak	Bruce Handley	David E. Tabet
2013-14	Jeremy Boak	James G. Clough	Frances J. Hein	Bruce Handley	Charles Morris Boyer II
2014-15	Frances J. Hein	Anne C. Draucker	Robert A. Trevail	Bruce T. Mitchell	Charles Morris Boyer II
2015-16	Robert A. Trevail	Paul C. Hackley	Anne C. Draucker	Bruce T. Mitchell	Steven Schamel
2016-17	Anne C. Draucker	Wayne K. Camp	Douglas E. Wyatt	Becky L. Kowalski	Steven Schamel

Term	President	Vice President	President-Elect	Secretary-Treasurer
2017-18	Douglas S. Wyatt	Miguel Nicho-Pacheco, Sr.	Wayne E. Camp	Becky L. Kowalski

Division of Professional Affairs Executive Committees

Term	President	Vice President	Secretary-Treasurer
1968-69	W. Dow Hamm*	Frank B. Conselman*	Willis G. Meyer*
1969-70	George R. Gibson*	John T. Rouse*	Ted L. Bear*
1970-71	James O. Lewis, Jr.*	John D. Sistrunk, Jr.	Bernold M. Hanson*
1971-72	James O. Lewis, Jr.	John D. Sistrunk, Jr.	Bernold M. Hanson*
1972-73	Ray C. Lewis*	George C. Grow, Jr.*	Karl E. Becker*
1973-74	Ray C. Lewis	George C. Grow, Jr.	Karl E. Becker
1974-75	Don E. Lawson*	Karl E. Becker*	Frank C. Crawford*
1975-76	Don E. Lawson	Karl E. Becker	Frank C. Crawford
1976-77	Lee H. Meltzer*	Frank L. Constant	Arthur H. Trowbridge
1977-78	Lee H. Meltzer	Frank L. Constant	Arthur H. Trowbridge
1978-79	Herbert G. Davis	Richard D. House	Donald R. Hembre
1979-80	Herbert G. Davis	Richard D. House	Donald R. Hembre
1980-81	Jerome J. C. Ingels	Charles A. Brinkley	George R. Bole
1981-82	Jerome J. C. Ingels	Charles A. Brinkley	George R. Bole
1982-83	Harry A. Miller, Jr.*	Dougald H. Thamer*	J. Miller Goodger*
1983-84	Harry A. Miller, Jr.	Dougald H. Thamer	J. Miller Goodger*

Term	President	Vice President	President-Elect	Secretary	Treasurer
1984-85	Dougald R. Thamer*	Scott J. Lysinger*	George R. Bole	Harry Ptasynski	John T. Isberg*
1985-86	George R. Bole	William R. Speer*	Scott J. Lysinger*	John F. Partridge*	John T. Isberg
1986-87	Scott J. Lysinger*	James P. Rogers	Jack P. Martin	John F. Partridge	John E. Burke
1987-88	Jack P. Martin	Robert D. Cowdery	Harrison L. Townes	Owen C. Brown	John E. Burke
1988-89	Harrison L. Townes	Harold W. Hanke	Patrick J. F. Gratton	Owen C. Brown	Cecil R. Rives
1989-90	Patrick J. F. Gratton	J. Robert Wynne	James P. Rogers	W. Paul Buckthal	Cecil R. Rives
1990-91	James P. Rogers	Steven A. Sonnenberg	Robert D. Cowdery	W. Paul Buckthal	G. L. Jack Richards*
1991-92	Robert D. Cowdery	H. Grady Collier, Jr.*	Charles R. Noll, Jr.*	Royce P. Carr	G. L. Jack Richards
1992-93	Charles R. Noll, Jr.*	Lowell K. Lischer	Peter G. Gray*	Royce P. Carr	William E. Diggs*
1993-94	Peter G. Gray*	Terry L. Hollrah	Willard R. Green	Michael R. Canich	William E. Diggs
1994-95	Willard R. Green	Robert T. Sellars, Jr.*	Terry L. Hollrah	Michael R. Canich	Thomas E. Ewing
1995-96	Terry L. Hollrah	Royce P. Carr	Peter R. Rose	Jack H. West	Thomas E. Ewing
1996-97	Peter R. Rose	Thomas E. Davis	Robert T. Sellars, Jr.	Jack H. West	Richard D. Fritz

Term	President	Vice President	President-Elect	Secretary	Treasurer	Past President
1997-98	Robert T. Sellars, Jr.	Thomas E. Ewing	Stephen A. Sonnenberg	Charles E. (Gene) Mear*	Richard D. Fritz	Peter R. Rose
1998-99	Stephen A. Sonnenberg	Richard G. Green	Robert W. Sabaté*	Charles E. (Gene) Mear	Debra Rutan	Robert T. Sellars, Jr.
1999-00	Robert W. Sabaté*	Robert C. Shoup	G. W. "Skip" Hobbs IV	Lee T. Billingsley	Debra Rutan	Stephen A. Sonnenberg
2000-01	G. W. "Skip" Hobbs IV	J. Michael Party	Royce P. Carr	Lee T. Billingsley	Suzanne Cluff	Robert W. Sabaté*
2001-02	Royce P. Carr	Deborah K. Sacrey	Tom Mairs*	Brenda K. Cunningham	Suzanne Cluff	G. W. "Skip" Hobbs IV
2002-03	Tom Mairs*	Lee C. Gerhard	Robert C. Shoup	Deborah K. Sacrey	Dan J. Tearpock*	Royce P. Carr
2003-04	Robert C. Shoup	Rick L. Ericksen	J. Michael Party	Casey F. Clawson	Dan J. Tearpock	Tom Mairs
2004-05	J. Michael Party	Dan J. Tearpock	Deborah K. Sacrey	Casey F. Clawson	Jeffery C. Greenawalt	Robert C. Shoup
2005-06	Deborah K. Sacrey	Debra Rutan	Richard G. Green	Craig W. Reynolds	Jeffery C. Greenawalt	J. Michael Party
2006-07	Richard G. Green	Suzanne Cluff	Thomas E. Ewing	Craig W. Reynolds	Michael R. Canich, Jr.	Deborah K. Sacrey
2007-08	Thomas E. Ewing	Valary L. Schulz	Rick L. Ericksen	Debra Rutan	Michael R. Canich, Jr.	Richard G. Green
2008-09	Rick L. Ericksen	Daniel M. Reynolds	Paul W. Britt	Debra Rutan	Michael A. Fogarty	Thomas E. Ewing

*Deceased

Term	President	Vice President	President-Elect	Secretary	Treasurer	Past President
2009–10	Paul W. Britt	Michael Canich	Daniel J. Tearpock*	Paul H. Pausé	Michael A. Fogarty	Rick L. Ericksen
2010–11	Daniel J. Tearpock*	William T. Goff	Martin D. Hewitt	Paul H. Pausé	Daniel A. Billman	Paul Britt
2011–12	Martin D. Hewitt	Richard L. Nagy	Charles A. Sternbach	Mark J. Gallagher	Daniel A. Billman	Daniel J. Tearpock
2012–13	Charles A. Sternbach	Paul H. Pausé	Valary L. Schulz	Mark J. Gallagher	Debra P. Osborne	Martin D. Hewitt
2013–14	Valary L. Schulz	Mark J. Gallagher	Richard D. Fritz	Terence G. O'Hare	Debra P. Osborne	Charles A. Sternbach
2014–15	Richard D. Fritz	Gregory F. Hebertson	Michael R. Canich	Terence G. O'Hare	Connie L. Mongold	Valary L. Schulz
2015–16	Michael Canich	David Entzminger	Chandler Wilhelm	Debra P. Osborne	Connie Mongold	Richard D. Fritz
2016–17	Chandler Wilhelm	William Haskett	James H. Hill, Sr.	Debra P. Osborne	Steven M. Goolsby	Michael Canich
2017–18	James H. Hill, Sr.	Andrea Reynolds	Mark J. Gallagher	Margaret Williams	Steven M. Goolsby	Chandler Wilhelm

Division of Environmental Geosciences Executive Committees

Term	President	Vice President	Committee Member	Secretary-Treasurer	Editor
1992–93	Bernold M. Hanson*	Susan C. Kiser	Thomas W. Rollins	William G. Murray	Richard F. Meyer

Term	President	Vice President	President-Elect	Secretary-Treasurer	Editor
1993–94	Bernold M. Hanson*	Bonnie B. Robinson	Lee C. Gerhard	James M. Waldron	Richard F. Meyer
1994–95	Lee C. Gerhard	Steven L. Veal	James L. Baer	James M. Waldron	Robert J. Menzie, Jr.
1995–96	James L. Baer	Stanley C. Grant	Larry D. Woodfork	M. Kathleen Vail	Robert J. Menzie, Jr.
1996–97	Larry P. Woodfork	Don Warner	Susan C. Kiser	M. Kathleen Vail	Robert J. Menzie, Jr.
1997–98	Susan C. Kiser	Michael "Doc" Weathers	Wm. G. Murray	Wm. E. Harrison	Robert J. Menzie, Jr.
1998–99	William G. Murray	Rima Petrossian	Steven L. Veal	Wm. E. Harrison	Stephen M. Testa
1999–00	Steven L. Veal	Peter J. Hutchinson	Michael "Doc" Weathers	Kenneth D. Vogel	Stephen M. Testa
2000–01	Michael "Doc" Weathers	Jane S. McColloch	William E. Harrison	Kenneth D. Vogel	Stephen M. Testa
2001–02	William E. Harrison	John A. Lopez	Robert J. Menzie	William Sarni	Stephen M. Testa
2002–03	Robert J. Menzie	Steven P. Tischer	Rima Petrossian	William Sarni	Gerald R. Baum
2003–04	Rima Petrossian	Kenneth G. Johnson	Kenneth D. Vogel	Mary L. Barrett	Gerald R. Baum
2004–05	Kenneth D. Vogel	Charles Chris Steincamp	Steven P. Tischer	Mary L. Barrett	Gerald R. Baum
2005–06	Steven P. Tischer	Craig Dingle	Jane S. McColloch	Nancy S. Dorsey	Gerald R. Baum
2006–07	Jane S. McColloch	Michael A. Jacobs	Charles G. Groat	Nancy S. Dorsey	Gerald R. Baum
2007–08	Charles G. Groat	Hannes E. Leetaru	Rebecca Dodge	Nancy J. Fix	Gerald R. Baum
2008–09	Rebecca Dodge	Mary K. Harris	Michael A. Jacobs	N. J. (Anne) Fix	James W. Castle
2009–10	Michael A. Jacobs	Jeffrey G. Paine	Mary K. Harris	Douglas Carlson	James W. Castle
2010–11	Mary K. Harris	Robert Marie	Douglas C. Peters	Douglas Carlson	Kristin Carter
2011–12	Douglas C. Peters	Nancy J. (Anne) Fix	Tom J. Temples	M. Jane Ellis-McNaboe	Kristin Carter
2012–13	Tom J. Temples	Michael S. Hagan	Douglas E. Wyatt, Jr.	M. Jane Ellis-McNaboe	Kristin Carter
2013–14	Douglas Wyatt, Jr.	M. Jane Ellis-McNaboe	Jeffrey G. Paine	Steven P. Tischer	Kristen Carter
2014–15	Jeffrey G. Paine	Dirk A. Nieuwland	Jeffrey B. Aldrich	Steven P. Tischer	Kristen Carter
2015–16	Jeffrey B. Aldrich	Bruce D. Smith	Tim Murin	Sean Kimiagar	Michele L. Cooney
2016–17	Tim Murin	Kristin Carter	Stephen Testa	Sean Kimiagar	Michele L. Cooney
2017–18	Stephen Testa	Mark D. Lovell	Mary L. Barrett	Skyler Smith	Michele L. Cooney

*Deceased

Annual Convention Locations and General Chairmen

Year	City	General Chairman	Year	City	General Chairman
1916	Norman, Oklahoma	Charles H. Taylor	1966	St. Louis, Missouri	Clarence E. Brehm
1917	Tulsa, Oklahoma	F. R. Rees	1967	Los Angeles, California	John E. Kilkenny
1918	Oklahoma City, Oklahoma	-	1968	Oklahoma City, Oklahoma	Edwin P. Kerr, Jr.
1919	Dallas, Texas	-	1969	Dallas, Texas	William J. Hilseweck
1920	Dallas, Texas	-	1970	Calgary, Canada	John M. Browning
1921	Tulsa, Oklahoma	M. M. Valerius	1971	Houston, Texas	Edd R. Turner, Jr.
1922	Oklahoma City, Oklahoma	-	1972	Denver, Colorado	Robert J. Weimer
1923	Shreveport, Louisiana	Ben K. Stroud	1973	Anaheim, California	Arthur R. Weller
1924	Houston, Texas	Alexander Deussen	1974	San Antonio, Texas	M. O. Turner
1925	Wichita, Kansas	Marvin Lee	1975	Dallas, Texas	Robert J. Cordell
1926	Dallas, Texas	R. B. Whitehead	1976	New Orleans, Louisiana	M. Gordon Frey
1927	Tulsa, Oklahoma	M. M. Valerius	1977	Washington, D.C.	Richard F. Meyer
1928	San Francisco, California	E. G. Gaylord	1978	Oklahoma City, Oklahoma	Lee R. Riley
1929	Fort Worth, Texas	J. Elmer Thomas	1979	Houston, Texas	Anthony Reso
1930	New Orleans, Louisiana	W. W. Grimm	1980	Denver, Colorado	John P. Lockridge
1931	San Antonio, Texas	D. R. Semmes	1981	San Francisco, California	Donald L. Ziegler
1932	Oklahoma City, Oklahoma	Irving Perrine	1982	Calgary, Canada	James MacDonald
1933	Houston, Texas	Alexander Deussen	1983	Dallas, Texas	Lewis S. (Stan) Pittman
1934	Dallas, Texas	Clyde M. Bennett	1984	San Antonio, Texas	Edward C. Roy, Jr.
1935	Wichita, Kansas	E. C. Moncrief	1985	New Orleans, Louisiana	George D. Severson
1936	Tulsa, Oklahoma	Frank Rinker Clark	1986	Atlanta, Georgia	Howard R. Cramer
1937	Los Angeles, California	Frank A. Morgan	1987	Los Angeles, California	Eugene F. (Bud) Reid
1938	New Orleans, Louisiana	R. A. Steinmayer	1988	Houston, Texas	Richard S. Bishop
1939	Oklahoma City, Oklahoma	R. W. Laughlin	1989	San Antonio, Texas	Don F. Tobin
1940	Chicago, Illinois	Verner Jones	1990	San Francisco, California	James R. Baroffio
1941	Houston, Texas	Alexander Deussen	1991	Dallas, Texas	Charles F. Dodge
1942	Denver, Colorado	C. E. Dobbin	1992	Calgary, Canada	George Eynon
1943	Fort Worth, Texas	Karl A. Mygdal	1993	New Orleans, Louisiana	Bob Sabate
1944	Dallas, Texas	Joseph M. Wilson	1994	Denver, Colorado	Robbie R. Gries
1945	Tulsa, Oklahoma	Business meeting only held	1995	Houston, Texas	James O. Lewis, Jr.
1946	Chicago, Illinois	Theron Wasson	1996	San Diego, California	John A. Minch
1947	Los Angeles, California	Harold W. Hoots	1997	Dallas, Texas	Tom Mairs
1948	Denver, Colorado	Thomas S. Harrison	1998	Salt Lake City, Utah	M. Lee Allison
1949	St. Louis, Missouri	W. B. Wilson	1999	San Antonio, Texas	Edward C. Roy, Jr.
1950	Chicago, Illinois	Lynn K. Lee	2000	New Orleans, Louisiana	Eric P. Mason
1951	St. Louis, Missouri	Walter H. Spears	2001	Denver, Colorado	Stephen A. Sonnenberg
1952	Los Angeles, California	Howard C. Pyle	2002	Houston, Texas	Jeffrey W. Lund
1953	Houston, Texas	Carleton D. Speed, Jr.	2003	Salt Lake City, Utah	Thomas C. Chidsey, Jr.
1954	St. Louis, Missouri	Graham B. Moody	2004	Dallas, Texas	Terence G. O'Hare
1955	New York, New York	G. Moses Knebel	2005	Calgary, Canada	John Hogg
1956	Chicago, Illinois	Morris M. Leighton	2006	Houston, Texas	Charles A. Sternbach
1957	St. Louis, Missouri	Harold T. Morley	2007	Long Beach, California	Dalton F. Lockman
1958	Los Angeles, California	Leo R. Newfarmer	2008	San Antonio	Gene Ames III
1959	Dallas, Texas	W. Dow Hamm	2009	Denver, Colorado	R. Randy Ray
1960	Atlantic City, New Jersey	Harry S. Ladd	2010	New Orleans, Louisiana	Tom Hudson
1961	Denver, Colorado	Laurence Brundall	2011	Houston, Texas	Stephen Levine
1962	San Francisco, California	Gordon B. Oakeshott	2012	Long Beach, California	Kay Pitts
1963	Houston, Texas	William A. Thomas	2013	Pittsburgh, Pennsylvania	Michael Canich
1964	Toronto, Canada	William A. Roliff	2014	Houston, Texas	Steve Brachman
1965	New Orleans, Louisiana	Gordon I. Atwater	2015	Denver, Colorado	John W. Robinson
			2016	Calgary, Canada	Paul MacKay
			2017	Houston, Texas	Dave Rensink
			2018	Salt Lake City, Utah	Michael Vanden Berg

International Conference Locations and General Chairmen

Year	City	General Chairman	Year	City	General Chairman
1984	Geneva, Switzerland	P.W.J. Wood	2003	Barcelona, Spain	Jorge Ferrer Modolell
1988	Nice, France	James A. Helwig	2004	Cancun, Mexico	Alfredo E. Guzman
1991	London, England	A. J. Martin	2005	Paris, France	Jean-Marie Masset
1992	Sydney, Australia	Murray H. Johnstone	2006	Perth, Australia	Agu Kantsler
1993	Caracas, Venezuela	Juan Chacin	2007	Athens, Greece	Geir Lunde (Joint Regional)
	The Hague Netherlands	Roelof J. Murris	2008	Cape Town, South Africa	Sipho Mkhize
1994	Kuala Lumpur, Malaysia	Khalid Ngah	2009	Rio de Janeiro, Brazil	Heraldo Lima
1995	Nice, France	Lucien Montadert	2010	Calgary, Canada	John Hogg
1996	Caracas, Venezuela	Jose P. Dominguez			David Dolph
1997	Vienna, Austria	Walter P. Grun	2011	Milan, Italy	Jonathan Craig
1998	Rio de Janeiro, Brazil	Joel Mendes Renno	2012	Singapore	Richard Lorentz
1999	Birmingham, England	R. F. P. Hardman	2013	Cartagena de Indias, Colombia	Victor Vega
2000	Bali, Indonesia	Gatot K. Wiroiyudo	2014	Istanbul, Turkey	Volkan S. Ediger
2002	Cairo, Egypt	Mostafa El Ayouty	2015	Melbourne, Australia	Philip Loader
			2016	Cancun, Mexico	Jose A. Escalera Alcocer
			2017	London, England	Gabor Tari
					Ken McClay
			2018	Cape Town, South Africa	Femi Esan

2018 Fifty-Year Members

List is not comprehensive. It includes only those who attained 50-year membership in 2018.

Richard D. Alexander
David Noel Anderson
James Earl Anderson
Stanley M. Awramik
Robert Higgins Baillio Jr.
Craig Charles Barclay
Patrick James Barosh
Robert Martin Beer
Edwin David Bickel
Maurice Nixon Birdwell
Richard S. Bishop
Theron Ray Blazzard
Malcolm Walter Boyce
Harry England Brookby
Michael Edwin Brownfield
Richard Joseph Callaway
Richard F. Clement Jr.
Calvin Thomas Colson
John Bennett Comer

Michael L. Couchot
Paul Day
Thomas E. Dimelow
William Hyatt Dixon
William Edmond Galloway
Mary Esther Hileman
George Thomas Hine
Wilson Humphrey
David Anthony L. Jenkins
Verner Carl Johnson
Thomas Kalan
Richard W. Kehlenbach
David Grahame Kersey
Hans Henning Krause
Thomas Francis Manera
Paul Joseph Marko
David F. Martineau
Wayne John Maxwell
Francois-Andre Montandon
Clayton Ralph Nichols
Stephen Duane Olmore
Charles Austin O'Niell III
Robert Barton Owen

Roberto Porto
Tim T. Schowalter
Kenneth Allan Schwarz
Carl C. Smith
Jeffrey A. Smith
Wilbur Alan Stone
Rodney W. Swope
James Stewart Thigpen
Marcus Henry Waring
James Ronald Weber
Roger Duane Wilde
Floyd Presley Wilson Jr.
Rene Wojcik
Gerd M. O. Zuncke

AAPG Constitution and Bylaws

Constitution

As amended June 25, 2006

ARTICLE I. NAME

This Association, which is incorporated under the laws of the State of Colorado, shall be called "The American Association of Petroleum Geologists."

ARTICLE II. PURPOSES

The purposes of this Association are to advance the science of geology, especially as it relates to petroleum, natural gas, other subsurface fluids, and mineral resources; to promote the technology of exploring for, finding, and producing these materials in an economically and environmentally sound manner; to foster the spirit of scientific research throughout its membership; to disseminate information relating to the geology and the associated technology of petroleum, natural gas, other subsurface fluids, and mineral resources; to inspire and maintain a high standard of professional conduct on the part of its members; to provide the public with means to recognize adequately trained and professionally responsible geologists; and to advance the professional well-being of its members.

ARTICLE III. MEMBERSHIP

SECTION 1.

The members of this Association shall consist of persons concerned with the professional applications of the geological science.

SECTION 2.

Various classifications of memberships and the qualifications thereof shall be established by the Bylaws of the Association.

ARTICLE IV. CODE OF ETHICS

SECTION 1. General Principles

(a) Geology is a profession, and the privilege of professional practice requires professional morality and professional responsibility.

(b) Honesty, integrity, loyalty, fairness, impartiality, candor, fidelity to trust, and inviolability of confidence are incumbent upon every member as professional obligations.

(c) Each member shall be guided by high standards of business ethics, personal honor, and professional conduct. The word member as used throughout this code includes all classes of membership.

SECTION 2. Relation of Members to the Public

(a) Members shall not make false, misleading, or unwarranted statements, representations or claims in regard to professional matters, nor shall they engage in false or deceptive advertising.

(b) Members shall not permit the publication or use of their reports or maps for any unsound or illegitimate undertakings.

(c) Members shall not give professional opinions, make reports or give legal testimony without being as thoroughly informed as reasonably required.

SECTION 3. Relation of Members to Employers and Clients

(a) Members shall disclose to prospective employers or clients the existence of any pertinent competitive or conflicting interests.

(b) Members shall not use or divulge any employer's or client's confidential information without their permission and shall avoid conflicts of interest that may arise from information gained during geological investigations.

SECTION 4. Relation of Members to One Another

(a) Members shall not falsely or maliciously attempt to injure the reputation or business of others.

(b) Members shall freely recognize the work done by others, avoid plagiarism, and avoid the acceptance of credit due others.

(c) Members shall endeavor to cooperate with others in the profession and shall encourage the ethical dissemination of geological knowledge.

SECTION 5. Duty to the Association

(a) Members of the Association shall aid in preventing the election to membership of those who are unqualified or do not meet the standards set forth in this Code of Ethics.

(b) By applying for or continuing membership in the Association each member agrees to uphold the ethical standards set forth in this Code of Ethics.

(c) Members shall not use AAPG membership to imply endorsement, recommendation, or approval by the Association of specific projects or proposals.

SECTION 6. Discipline for Violations of Standards

Members violating any standard prescribed in this Article shall be subject to discipline as provided by the Bylaws.

ARTICLE V. GOVERNMENT

The government of this Association shall be vested in seven (7) elected officers, an Executive Committee, a House of Delegates, and an Advisory Council. The composition of each body, the manner selection, the terms of office, the specific duties, responsibilities, and other matters relevant to such bodies and officers shall be as provided in the Bylaws of this Association. Any responsibility and authority of government of this Association not otherwise specified in these governing documents shall be reserved to the Executive Committee.

ARTICLE VI. DISPOSITION OF ASSETS

The American Association of Petroleum Geologists is a non-profit organization. In the event of the dissolution of the Association, the Association shall distribute any assets remaining after the discharge of all liabilities, for charitable, scientific, or educational purposes in strict compliance with exemption provided under Section 501 (c)(6) of the Internal Revenue Code of 1954. It is recognized that, under these circumstances, no member of the Association shall have any right or interest in or to the property or assets of the Association.

ARTICLE VII. BYLAWS

The Bylaws, consisting of fourteen (14) articles as appended hereto, are hereby adopted and may be amended, enlarged, or reduced as provided in the Bylaws.

ARTICLE VIII. AMENDMENTS

SECTION 1. Mail, Electronic Mail or Other Suitable

Ballot by Members Amendments to this Constitution may be made by a two-thirds (2/3) majority vote of the members of this Association responding by mail, electronic mail, or other suitable ballot.

SECTION 2. Proposal of Amendments

Such amendments may be proposed by the following:

- (a) Resolution by the Executive Committee;
- (b) Resolution by a special constitutional committee appointed by the President;
- (c) Resolution of the House of Delegates;
- (d) A proposal in writing signed by any fifty (50) members of the Association.

All such resolutions or proposals must be submitted to, and action must be taken during, the annual meeting of the House of Delegates of this Association, as provided in the Bylaws and in conformance with Section 3 of this Article.

SECTION 3. Legality of Amendments

The legality of all amendments shall be determined by the Executive Committee with advice of counsel prior to consideration by the House of Delegates. In the event that a proposed amendment is revised by the House of Delegates, such revision will again be referred to the Executive Committee for determination of legality prior to balloting.

SECTION 4. Publication of Amendments

Upon affirmation of legality of the proposed amendments, the Executive Committee shall cause them to be published in the Bulletin or by other suitable means at least two (2) months prior to the annual meeting of the House of Delegates.

SECTION 5. Voting on Amendments

If any proposed amendment shall be acted upon favorably by simple majority vote of the House of Delegates, the Executive Committee shall arrange for a ballot of members by mail, electronic mail or other suitable means, within sixty (60) days after the annual meeting of the House of Delegates, and two-thirds (2/3) majority favorable vote of the ballots received within sixty (60) days of such mailing, electronic mail or other suitable distribution, shall be sufficient to amend.

BYLAWS

As amended April 2, 2017

ARTICLE I – NAME

This association, which is a Colorado nonprofit corporation recognized by the IRS as an Internal Revenue Code section 501 (c)(6) organization, shall be called "The American Association of Petroleum Geologists," also referred to as the Association, or AAPG.

ARTICLE II – PURPOSES

The purposes of this Association are to advance the science of geology, especially as it relates to petroleum, natural gas, other subsurface fluids, and mineral resources; to promote the technology of exploring for, finding, and producing these materials in an economically and environmentally sound manner; to foster the spirit of scientific research throughout its

membership; to disseminate information relating to the geology and the associated technology of petroleum, natural gas, other subsurface fluids, and mineral resources; to inspire and maintain a high standard of professional conduct on the part of its members; to provide the public with means to recognize adequately trained and professionally responsible geologists; and to advance the professional well-being of its members.

ARTICLE III – MEMBERS

SECTION 1. Membership Classifications

The three membership classifications shall be Members, students, and associates. All members shall be entitled to receive a copy of the *Bulletin* and *Explorer*. Except for headings, where the word "Member" is used in these bylaws with a capital letter, it shall refer to the specific membership category of Member. Where used without a capital letter, it shall be a generic use to refer to all those who hold any category of membership in AAPG. Headings shall refer to specific uses within that section.

A. Members

1. Persons applying to become Members of AAPG shall:

- a. Be engaged in the practice or teaching of geology;
- b. Hold a Bachelor's, Master's, or Ph.D. in geological science, (including, but not limited to, geology, geophysics, earth science, geological engineering or environmental geoscience) from a college or university of acceptable academic standards; and
- c. Have a minimum of one (1) year of experience in the practice or teaching of geological science. The executive committee may waive this degree requirement in favor of adequate professional experience and standing in the profession.

2. Members may hold office, vote in Association affairs, sponsor membership applications, and refer to themselves as Members of the Association.

a. All Member applicants shall submit an application form authorized by the executive committee that includes the endorsement of one Member in good standing, attesting to the applicant's training and experience. The executive committee shall determine all questions of eligibility, except that the executive committee may not waive the endorsement or professional experience requirements.

b. The executive committee shall publish the names of approved applicants along with the names of their sponsors. If no objections to the application are received within sixty days, the executive committee shall notify the applicant of his or her acceptance. Objections must include a full statement of the circumstances on which the objection is based and be signed by the Member raising the objection. The executive committee shall take the objection under consideration and make a final determination as to eligibility at its sole discretion.

3. Emeritus Members – Members may request emeritus status when they have reached the age of sixty-five (65), are in good standing, and have been members of any classification for thirty years, including time spent in military service. The request shall be sent to the executive director. Emeritus Members shall retain all privileges as Members, but shall pay 50% of the Member dues.

4. Honorary Members – Recipients of the Sidney Powers Memorial Medal Award and other members who have contributed distinguished service to the cause of petroleum geology may be granted honorary membership by the executive committee. Honorary members shall be granted all of the privileges of Members, and shall not be required to pay dues.

B. Students

Any student majoring in geology or in a field of study related to or generally associated with geology at a college or university of acceptable academic standards may apply for student membership. Student membership shall terminate twenty-four (24) months after termination of academic enrollment and student members will be reclassified as associates.

C. Associates

Any person not qualified for any other class of membership, who is a graduate of a college or university of acceptable academic standards and whose employment is associated with geological science, may apply to be an associate. The executive committee may waive this degree requirement in favor of adequate professional experience and standing in the profession.

SECTION 2. Dues

A. Dues shall be billed and payable in advance of the fiscal year in accordance with a schedule established by the executive committee. The fiscal year shall begin on July 1 and end on June 30. Written notification by mail, electronic mail, or other suitable means shall be provided to each Member, student and associate before July 1 of each year, stating the amount of annual dues owed. Dues shall not be refundable. Those previously designated as life members shall not be required to pay dues.

B. Dues may not exceed the following: Member - \$125.00

Emeritus Member - \$62.50

Student - \$10.00

Associate - \$125.00

C. Dues for Members and associates shall be billed in accordance to the following three levels of gross annual income:
Level 1 – Annual income greater than \$50,000;
Level 2 – Annual income greater than \$25,000 but not more than \$50,000; and

Level 3 – Annual income of \$25,000 or less.

Level 2 dues shall be one-half of Level 1 dues; Level 3 dues shall be one-fourth of Level 1 dues; provided that annual dues may not be less than \$20.00 for any level. A Member or an associate whose annual income is in Level 2 or Level 3 may pay dues that correspond with any higher level of annual income. The executive committee may provide for access to the Bulletin and the Explorer by different means for persons paying different levels of dues.

D. Dues for Members and associates may not be changed more than 20% in any given year.

SECTION 3. Membership Meetings

The Association shall hold at least one stated meeting of its members each year, at a time and place designated by the executive committee.

SECTION 4. Loss of Membership

A. Any member may resign at any time from the Association; such resignation shall be in writing and shall be accepted by the executive committee.

B. Any member whose dues are in arrears for more than sixty days but less than one year shall be suspended from membership. Any member whose dues are in arrears for more than one year shall forfeit membership.

C. Any member who resigns, who forfeits membership for non-payment of dues, or who is expelled for ethical reasons shall cease to have any rights in the Association and shall not incur further indebtedness to the Association.

D. Any person who has been removed from membership, except by expulsion, may be reinstated by unanimous vote of the executive committee, upon fulfillment of such requirements as may be established by the executive committee. A person who has been expelled may be reinstated as provided for in the AAPG Disciplinary Code.

ARTICLE IV - OFFICERS

SECTION 1. Officers

The officers of this Association shall be a president, president-elect, vice president – sections, vice president-regions, secretary, treasurer, and editor.

A. President

The president shall be the chief executive officer and spokesperson for the Association on all matters pertaining to the public; shall serve as chair of the executive committee, shall appoint the members of all committees in accordance with these bylaws; and shall appoint delegates to cooperating organizations to represent the Association.

B. President-elect

The president-elect shall serve as a member of the executive committee, shall present a budget for the ensuing year to the executive committee, and succeed to the office of president following the term as president-elect.

C. Vice president-sections

The vice president-sections shall, with his or her other duties, concern himself or herself with the activities of the Association in respect to United States sections.

D. Vice president-regions

The vice president-regions shall, with his or her other duties, concern himself or herself with the activities of the Association in respect to its international regions.

E. Secretary

The secretary shall be responsible for recording the actions of the executive committee; shall keep possession of the corporate seal and affix the same; and, subject to executive committee approval, have policy oversight of all non-technical and non-peer reviewed publications and communications. The secretary shall perform other duties as may be directed by the executive committee.

F. Treasurer

The treasurer shall supervise the receipt of all funds and, under the direction of the executive committee, be responsible for all disbursements of funds of the Association; serve as an ex-officio member of the committee on investments; give bond, the amount of which shall be determined by the executive committee; make the annual report as treasurer; and perform such other duties as directed by the executive committee.

G. Editor

The editor shall have general supervision of and final authority in soliciting, accepting, and rejecting all material on technical subjects for publication; have policy oversight and responsibility for editorial content of all technical and peer-reviewed publications; submit an annual report of editorial activities to the executive committee; and, with the approval of the executive committee, appoint volunteer editors as deemed necessary.

SECTION 2. Terms of Office

A. Terms of office shall be from July 1 to June 30. No officer may serve a successive term.

B. The terms of office for the president-elect and president shall be for one year. The president-elect shall succeed to the office of president following the term as president-elect.

C. The vice president-sections, the vice president-regions, the secretary, and the treasurer shall serve two-year staggered terms. The terms of the vice president- sections and the treasurer shall begin in even numbered years and the terms of the vice president-regions and the secretary shall begin in odd numbered years.

D. The term of office for the editor shall be three years.

SECTION 3. Eligibility

A. No person may hold more than one of the following positions during the same term:

- Association officer;
- House of delegates officer;
- Immediate past chair of the house of delegates;
- Division president; and
- Elected advisory council member.

B. In addition, no person currently serving in the aforementioned positions may become a candidate during the term of office or for one year immediately following such term, and no past president may hold any of these positions for a period of three years following a term as president.

C. A candidate for the office of vice president-sections must reside within the United States and be a Member of a section.

D. A candidate for the office of vice president-regions must reside outside of the United States and be a Member of a region.

SECTION 4. Election

A. The advisory council shall annually recommend two or more candidates for each of the available offices, and shall report to the executive committee by November 15 of each year.

B. The executive committee shall approve the ballot, placing two candidates for each available office. To change the order of candidates or the office for which a candidate is nominated by the advisory council shall require the affirmative vote of at least five members of the executive committee. If the executive committee changes the office for which a candidate is nominated, such candidate shall be given the opportunity to decline such candidacy.

C. Candidates shall be announced to members via email on or before December 1. Additional nominations may be made by written petition or email of fifty (50) or more Members in good standing received by the executive director at Association headquarters not later than January 31.

D. The names of candidates shall be published in the *Explorer* or by other suitable means by January 1. Petition candidates will be announced no later than February 15.

E. The executive committee shall then prepare a ballot, which may be a printed, electronic, or other suitable ballot, listing the candidates for each office, which shall be distributed to each Member on or before April 1. Ballots must be returned by May 15. The ballot committee shall count the ballots promptly after May 15 and report the results to the president. A majority of all votes cast for an office shall be necessary for election. In case of a tie vote the executive committee shall cast one (1) additional deciding vote.

F. In there are more than two (2) candidates for any office, then the election shall be by preferential voting, and voters shall mark their preferences in order. If no candidate receives a majority after the first choice ballots have been counted, the ballots for the candidate with the least number of first place

votes shall then be allocated by the second choice. This process shall be repeated until one of the candidates receives a majority vote.

G. The vote totals for all elections conducted by this Association shall not be released except upon written approval of all candidates for that specific office. In such case, the results will be released to each of those candidates. Subsequent disclosure of the results shall also require the specific written approval of each candidate for that office.

SECTION 5. Vacancies

Vacancies shall be filled as follows:

1. A vacancy in the office of president shall be filled by the vice president whose term of office started earliest.

2. A vacancy in the office of president-elect, vice president-sections, or vice president-regions shall be filled by a special election called by the executive committee. Any such ballot may consist of any combination of mail, electronic mail, or other suitable means.

3. A vacancy occurring in the office of secretary, treasurer, or editor shall be filled by the unsuccessful candidate for that office in the most recent election. If there was more than one unsuccessful candidate for that office consenting to serve if elected, the vacancy will be filled by a special election, which may be by preferential balloting. If no candidates are willing to serve if elected, the executive committee may fill such vacancy.

SECTION 6. Officer Eligibility for Nominations and Awards

A. No officer may be selected for an honor or award by the executive committee during and for one year immediately following the term, except for an honor or award that has been determined by an impartial convention judging process.

B. No candidate for an officer or position may be selected for any honor or award given by any Association component during the period of their candidacy, unless the honor or award has been announced prior to the announcement of their candidacy, or determined by an impartial convention judging process.

ARTICLE V – EXECUTIVE COMMITTEE

SECTION 1. Composition

The executive committee shall be composed of the following:

- President
- President-elect
- Vice president-sections
- Vice president-regions
- Secretary
- Treasurer
- Editor
- Chair, house of delegates

SECTION 2. Authority

The executive committee shall serve as the Association board of directors, and shall have the general executive control and management of the affairs and funds of this Association. The executive committee shall also:

- Have sole responsibility for all matters regarding the external affairs of this Association;
- Designate the time and place of the annual meeting of the Association
- Supervise the election of officers and filling of vacancies;
- Determine the adequacy of applicant qualifications and classifications;

- Maintain a headquarters and staff;
- Accept, create, and administer the funds and accounts of this Association, appointing trustees to manage such funds;
- Establish such fiscal policies as may be appropriate;
- Serve as an appeal authority in all matters involving grievance proceedings and professional certification of members; and
- Perform such other administrative duties as required to accomplish the objects and purposes of this Association. Any responsibility and authority of the governance of this Association not otherwise specified in these governing documents shall be reserved to the executive committee.

SECTION 3. Executive Committee Meetings

A. The executive committee shall meet immediately before the annual meeting of the house of delegates, and at other times designated by the executive committee, and at the call of the president. A quorum shall consist of four (4) members.

B. Meetings may be held under any such conditions, including action without a meeting, as authorized under the Colorado Revised Nonprofit Corporations Act, provided that no proxy voting shall be allowed, nor shall alternates be allowed to participate in executive committee meetings.

C. Five (5) days notice of regular or special meetings of the executive committee shall be given, which shall include the date, time, place, and, if a special meeting, the purpose of the meeting. Notice shall be given, and may also be waived, in any manner permitted by the Colorado Revised Nonprofit Act.

D. The members of the executive committee shall be indemnified by the Association and shall be relieved from personal liability in all matters regarding the Association to the full extent as permitted under Internal Revenue Code section 501 (c)(6) and any other pertinent federal income law or regulation, and to the full extent authorized by the Colorado Revised Nonprofit Act.

E. The executive committee shall have the authority, by a two-thirds vote, to amend the articles of incorporation of the Association.

SECTION 4. Executive Director

The executive director shall be the chief administrative official of the Association, shall have the authority to execute contracts on behalf of the Association, and shall have charge of the Association headquarters and staff personnel as authorized by the executive committee. The executive director shall be appointed by, and serve at the pleasure of, the executive committee and be under the personal direction of the president. The executive director may not be an officer of the Association or a member of the executive committee.

The executive director shall also:

- Implement the policies of the executive committee;
- Receive all official notices to the Association;
- Be responsible for the physical custody of all official documents held in repository at Association headquarters; and
- Assist in the work of all committees to ensure the effectiveness of the activities of this Association.

ARTICLE VI – HOUSE OF DELEGATES

SECTION 1. Composition

A. The house of delegates shall be composed of delegates representing the affiliated societies and international regions. Members of the executive committee, former chairs of the house of delegates, and past presidents of the Association more than three (3) years out of office shall be non-voting members,

but are not prohibited from serving as delegates if elected. Officers of the house of delegates shall be voting members of the house of delegates.

B. Officers

1. The officers of the house of delegates shall be a chair, a chair-elect and a secretary/editor. The house of delegates shall elect the chair-elect and the secretary/editor at its annual meeting from among the delegates who have served at least one year. The term of office shall be one year, commencing July 1.

1. The chair-elect shall assume the office of chair following the term as chair-elect.

2. A vacancy in the office of chair shall be filled for the remainder of that term by the chair-elect, followed by a term as chair. A vacancy in the office of chair-elect shall be filled by the secretary/editor. A vacancy in the office of secretary/editor shall be filled by appointment by the chair.

C. Delegates

1. All delegates must be Members in good standing. The house of delegates shall be the sole judge of the eligibility of its members to serve as delegates or officers of the house.

2. Each United States affiliated society shall be entitled to one delegate, plus one delegate for every additional seventy of its Members or major fraction thereof. Each international region shall be entitled to one delegate, plus one delegate for every additional seventy of its Members or major fraction thereof, provided that no international region shall have fewer than one delegate for each affiliated society within the region.

3. Delegates shall be elected by the Members of each society and region. Members may only vote in their home society or region. Association Members residing in the United States and not having a home society may be assigned, for the purpose of voting in delegate elections only, to the nearest United States affiliated society upon request to that society. Association Members residing outside of the United States shall be assigned to the international region in which they reside, and shall vote in that region in elections for delegates unless claiming a United States affiliated society or another region as their home society or region.

4. The Members of each international region shall elect one or more delegates from among the Association Members of each affiliated society within that international region. Any Members who wish to become candidates for delegate shall file a written request with their affiliated society or international region.

5. Delegates shall be elected for three-year terms. Terms of office shall begin on July 1 following their election.

6. Vacancies in office may be filled, or alternate delegates may be assigned, from among the candidates not receiving a sufficient number of votes from the previous election, and in order of the total number of votes received. The Members from the affiliated society or international region may also appoint alternate delegates and fill any vacancies. The names of alternate delegates must be received in writing by the AAPG headquarters office at least fifteen days prior to the meeting of the house of delegates for which they have been appointed.

7. Should a term of a delegate from a society expire and a society fail to elect a new delegate sixty days before the annual meeting, the president of the section shall appoint a delegate to serve for that term.

SECTION 2. Meetings

The house of delegates shall meet at least once each year during the annual meeting of the Association. No proxy votes

shall be allowed. A quorum shall be a majority of all qualified delegates or alternates elected.

SECTION 3. Authority

All of the legislative function of this Association shall be vested in a house of delegates.

SECTION 4. Duties of Delegates

Delegates shall:

- Serve as representatives of the members in their society or international region;
- Familiarize themselves with the Association's governing documents;
- Acquaint themselves with the Association's current policies and programs;
- Keep their alternates and the leaders of their society and region informed of the Association's program of activities, especially with regard to cooperative participation and service;
- Process requests from the executive committee for information regarding eligibility of applicants for membership in the Association;
- Function as local certification committee members and process requests from the board of certification for information regarding applicants for certification by the Association;
- Actively solicit applications from eligible geologists for membership in this Association; and
- Recognize the obligation to attend all meetings of the house of delegates during their terms, and to perform their duties to the best of their ability.

ARTICLE VII – ADVISORY COUNCIL

SECTION 1. Composition

A. The advisory council shall be composed of one elected councilor from each section or region with up to 3,000 Members plus one elected councilor for each additional 3,000 Members or fraction thereof, the immediate past chair of the house of delegates, the immediate past president of AAPG, and the chief elected officer of each division. The president immediately prior to the immediate past president of AAPG may elect to serve on the advisory council for up to two years, but if service is declined or discontinued for any reason, service may not be resumed under this clause. The date of record for determining councilor membership shall be November 30 of each year.

B. Unless the immediate past president of AAPG elects to serve as chair, the council shall elect a chair from among the members of the advisory council. The chair shall appoint a recording secretary to take minutes of each meeting.

C. An alternate representative may be designated for an elected advisory council position, who shall be the councilor's immediate predecessor on the advisory council or, if such person is unwilling or unavailable, a current member of that region, section or division shall be designated by its president to serve as the representative for that advisory council meeting or to fill a vacancy.

SECTION 2. Election and Term of Office

A. Councilors shall be elected by ballot by the Members of their respective section or region. There shall be at least two candidates on the ballot for each position. Candidates may be nominated by the respective governing body or by petition of at

least fifty Members of the section or region. Petitions must be delivered to the section or region president at least thirty days prior to the start of the election.

B. The term of office for councilors shall be three years, commencing on July 1. Terms shall be staggered according to a schedule established by the executive committee.

SECTION 3. Duties

A. The advisory council shall:

- Serve as a long range planning body to review the Association's activities and recommend to the executive committee appropriate changes of programs and policies;
- Recommend candidates for Association officers;
- Recommend recipients for all honors and awards as directed by the executive committee;
- Review the relationships among the Association, sections, regions, divisions and other components and recommend adjustments to the executive committee as deemed necessary;
- Continually review the bylaws and recommend changes as deemed necessary; and
- Perform such other service to AAPG as directed by the executive committee.

B. Five members of the advisory council shall serve as the hearing body in grievance proceedings as provided in the disciplinary code.

SECTION 4. Meetings

The advisory council shall meet at least once each year during the annual meeting of the Association and at the call of the chair. The quorum shall be a majority of its members. The advisory council may also act by mail or electronic means as requested by the executive committee. Proxy voting shall not be allowed.

SECTION 5. Vacancies

Vacancies in councilor positions shall be filled by an election to be held within 120 days of said vacancy.

ARTICLE VIII – COMPONENT GROUPS AND AFFILIATIONS

SECTION 1. Organization

The establishment, composition and dissolution of sections and regions shall be the responsibility of the house of delegates upon recommendation by the executive committee. The internal affairs of such sections and regions shall be administered by each section and region, consistent with the purposes and policies of this Association.

SECTION 2. Sections

A. Sections shall be established within the United States for the purpose of sponsoring technical meetings, publications, and other activities that further the objectives of the Association within the section. Sections shall be geographically organized. The members of sections may be individuals or federated affiliated geological societies.

B. The sections shall be titled:

- Eastern Section;
- Mid-Continent Section;
- Southwestern Section;
- Gulf Coast Section;
- Rocky Mountain Section; and
- Pacific Section;

SECTION 3. Regions

A. Regions shall be established outside the United States for the purpose of sponsoring technical meetings, publications, and other activities that further the objectives of the Association within the region. Regions shall be geographically organized. The members of regions may be individuals or federated affiliated geological societies.

B. The regions shall be titled:

- Canada Region;
- Latin America and the Caribbean Region;
- Europe Region;
- Africa Region;
- Asia Pacific Region; and
- Middle East Region.

SECTION 4. Technical Divisions

A. Technical divisions may be established by the house of delegates at its annual meeting upon recommendation of the executive committee. A two-thirds vote shall be required to establish or dissolve a technical division. Technical divisions may affiliate with other scientific societies with the approval of the executive committee, and may have their own governing documents provided that they do not conflict with the AAPG bylaws. The executive committee shall determine whether such conflict exists. The executive committee shall be empowered to make arrangements with the officers of the division for the conduct of the business of the division.

B. This Association may establish a technical division to conduct a program of voluntary certification of Members in such professional categories and the awarding of such titles, as approved by the executive committee. Each professional category of certification will be sponsored by a technical division, which need not be the technical division conducting the certification program. Implementing procedures, including the issuance of appropriate certificates, shall be adopted by the technical division conducting the certification program.

SECTION 5. Technical Interest Groups and Special Interest Groups

Technical Interest Groups (TIGs) and Special Interest Groups (SIGs) shall be established, maintained, and dissolved by the executive committee.

SECTION 6. Affiliated and Associated Societies.

This Association may affiliate or associate with societies and other groups whose purposes are complementary to AAPG. Such affiliation or association shall be approved by the house of delegates upon the recommendation of the executive committee.

ARTICLE IX – COMMITTEES

SECTION 1. Standing Committees

A. There shall be an ethics committee and any other committees established by the executive committee upon recommendation of the advisory council. The executive committee shall annually report to the house of delegates on the establishment or dissolution of any standing committees for that year. A list of standing committees, the charge to each committee, and the names of the chairs or co-chairs, vice-chairs, and committee members of each shall be published annually.

B. The president shall appoint all committee chairs, co-chairs, vice chairs, other committee members and committee

managers, and fill vacancies whenever they occur, except where otherwise specified in these bylaws. The committee manager may or may not be a member of the committee. The executive committee shall determine the number of members of each standing committee, its charges, and may appoint a manager to liaise with the executive committee.

C. Committee members shall serve three year staggered terms, commencing on July 1. Chairs, co-chairs, vice-chairs, and committee managers shall serve a one year term commencing on July 1, and may not serve as such for more than three consecutive years. No co-chair shall have served as chair at any time during the preceding year.

SECTION 2. Ethics Committee

There shall be an ethics committee composed of five members appointed by the executive committee for staggered three-year terms. Members of the ethics committee shall be members of the technical division of the Association charged with conducting the certification programs of members in professional categories. The ethics committee shall investigate ethical complaints and perform other such duties as described in the disciplinary code.

SECTION 3. Special Committees and Delegations

Special committees and delegations shall be authorized by the executive committee for a term of one year. The president shall appoint the members and chairs of special committees and delegations.

SECTION 4. Association Representatives to Non-Association Committees

The executive committee may appoint a member of any classification to serve as AAPG's representative on an outside committee, board or organization. Such service shall not extend for more than one term or more than five years, whichever is greater, except by the unanimous consent of the entire executive committee. No more than two extensions of one year each may be granted. Multiple full or partial terms of a member on any particular committee, board, or organization may be served by the member if not less than one (1) fiscal year of the Association elapses between each full or partial term served.

ARTICLE X. PARLIAMENTARY AUTHORITY

The rules contained in the eleventh edition of *Robert's Rules of Order Newly Revised* shall govern this Association in all cases to which they are applicable and in which they are not inconsistent with these bylaws and any special rules of order the Association may adopt.

ARTICLE XI. DISSOLUTION

In the event of the dissolution of the Association, the Association shall distribute any assets remaining after the discharge of all liabilities, for charitable, scientific, or educational purposes in strict compliance with exemption provided under Section 501(c)(6) of the Internal Revenue Code of 1986. Any such assets not so disposed of shall be disposed of by a court of competent jurisdiction for the county in which the principal office of the Corporation is then located, exclusively for such purposes or to such organization or organizations as said court shall determine, which are organized and operated exclusively for such purposes. It is recognized that, under these

circumstances, no member of the Association shall have any right or interest in or to the property or assets of the Association.

ARTICLE XII. AMENDMENTS

SECTION 1. Proposal of Amendments

A. Amendments to Article I, Article II, the AAPG Code of Ethics or this section shall be subject to the following requirements:

1. Amendments may be proposed by the executive committee, the house of delegates, a special committee appointed by the president, or by petition of any fifty Members of AAPG. All proposed amendments shall be reviewed for legality by the executive committee with advice of counsel, and shall be published in the *Bulletin* or by other suitable means at least two months prior to the annual meeting of the house of delegates.

2. The house of delegates shall consider such amendments at its annual meeting, and a majority vote shall be required to send the ballot to the Members. If the house of delegates amends the proposal, the executive committee shall review the amended proposal for legality prior to such ballot being sent.

3. Ballots shall be sent to the Members no later than sixty days after the annual meeting of the house of delegates. A two thirds vote of the ballots received shall be required for amendment of Article I, Article II, or the AAPG Code of Ethics.

B. Amendments to all other articles of these bylaws or to the disciplinary code shall be subject to the following requirements:

1. Amendments may be proposed by the executive committee, the house of delegates, by petition of any fifty Members of AAPG, or by a majority vote of the officers of the house of delegates plus the chair of the bylaws committee. All proposed amendments shall be sent to the chair of the house of delegates, who shall forward them to the executive committee to be reviewed for legality with advice of counsel, and to the bylaws committee for review and report to the house.

2. Except for amendments proposed by house resolution, proposed amendments shall be sent within thirty days of receipt to the executive committee, members of the house of delegates, the bylaws committee, the advisory council, and any committee or member(s) of the Association designated by the executive committee to receive them. All of the aforementioned groups may submit comments to the bylaws committee chair up to thirty days prior to the meeting of the house at which the proposed amendment is to be considered.

3. For amendments proposed by house resolution, the executive committee, members of the house of delegates, the bylaws committee, the advisory council, and any committee or member(s) of the Association designated by the executive committee to receive them may submit comments to the bylaws committee until October 31 following the adoption of the house resolution.

4. Proposed amendments shall be published in the *Bulletin* or by other suitable means at least ninety days prior to the annual meeting of the house of delegates. All comments received by the aforementioned deadlines shall be sent with the proposed amendments to the members of the house of delegates.

5. A two-thirds vote of those present and voting in the house of delegates shall be required to amend these bylaws.

ARTICLE XIII – FOUNDATION

This Association shall establish an autonomous Foundation as a permanent entity to receive contributions, invest same, and distribute funds for the purposes and provisions as stipulated in Article II of the Declaration of Trust Agreement dated April 4, 1967; provided, that the Foundation need not retain the trust

form of organization. The executive committee of the Association shall represent the Association's dealings with the Foundation.

APPENDIX A

AAPG CODE OF ETHICS

SECTION 1. General Principles

a. Geology is a profession, and the privilege of professional practice requires professional morality and professional responsibility.

b. Honesty, integrity, loyalty, fairness, impartiality, candor, fidelity to trust, and inviolability of confidence are incumbent upon every member as professional obligations.

c. All members, regardless of classification, shall be guided by high standards of business ethics, personal honor, and professional conduct.

SECTION 2. Relation of Members to the Public

a. Members shall not make false, misleading, or unwarranted statements, representations or claims in regard to professional matters, nor shall they engage in false or deceptive advertising.

b. Members shall not permit the publication or use of their reports or maps for any unsound or illegitimate undertakings.

c. Members shall not give professional opinions, make reports or give legal testimony without being as thoroughly informed as reasonably required.

SECTION 3. Relation of Members to Employers and Clients

a. Members shall disclose to prospective employers or clients the existence of any pertinent competitive or conflicting interests.

b. Members shall not use or divulge any employer's or client's confidential information without their permission and shall avoid conflicts of interest that may arise from information gained during geological investigations.

SECTION 4. Relation of Members to One Another

a. Members shall not falsely or maliciously attempt to injure the reputation or business of others.

b. Members shall freely recognize the work done by others, avoid plagiarism, and avoid the acceptance of credit due others.

c. Members shall endeavor to cooperate with others in the profession and shall encourage the ethical dissemination of geological knowledge.

SECTION 5. Duty to the Association

a. Members of the Association shall aid in preventing the election to membership of those who are unqualified or do not meet the standards set forth in this code of ethics.

b. By applying for or continuing membership in the Association each member agrees to uphold the ethical standards set forth in this code of ethics.

c. Members shall not use AAPG membership to imply endorsement, recommendation, or approval by the Association of specific projects or proposals.

SECTION 6. Discipline for Violations of Standards

Members violating any standard prescribed in this article shall be subject to discipline as provided by the AAPG bylaws and disciplinary code.

APPENDIX B

DISCIPLINARY CODE

SECTION 1. Executive Committee Authority and Responsibility

Subject to the provisions of the AAPG bylaws, the executive committee shall have primary authority over matters of professional conduct and discipline. Unless otherwise provided by these bylaws, no member, committee, division, section, or region of the Association shall initiate or conduct any investigation or hearing or impose any sanction concerning the professional conduct of an Association member or applicant for Association membership. The executive committee shall adopt procedures governing the investigation, hearing, and disposition of charges of misconduct, and shall publish such procedures in the *Bulletin* or by other suitable means.

SECTION 2. Disciplinary Action

Members shall be subject to disciplinary action for: (a) violating the AAPG Code of Ethics, or (b) pleading guilty to a misdemeanor involving moral turpitude or to any felony, admitting to the violation of any governmental statute, regulation, rule, or code of ethics relating to the practice of geology, or who, as determined by the executive committee, falsely stated qualifications for membership.

SECTION 3. Violations of the AAPG Code of Ethics

A. For violations of the AAPG Code of Ethics, charges shall first be submitted in writing to the executive director at Association headquarters, and shall include a statement of the evidence on which the charges are based. The executive director shall submit the charges to the ethics committee. If in the judgment of the ethics committee and after consultation with AAPG legal counsel, the evidence supports further action by the Association, the committee shall prepare and file formal charges with the advisory council at Association headquarters.

B. For violations of the AAPG Code of Ethics, and upon the notification of member actions or the filing of formal charges, the chair of the advisory council shall appoint a hearing body composed of five members of the advisory council, including at least one past president of the Association. The ethics committee shall appoint one of its members as the prosecutor. Both the prosecutor and the accused member may challenge such appointments and require removal of up to two members of the hearing body. Such removed members shall be replaced with other members of the advisory council selected by the chair of the advisory council. The hearing body shall set the time, date, and place for a hearing on the charges. The accused member shall be given such written notice at least thirty days prior to such date, mailed to the member by registered mail to the member's last-known mailing address. The notice shall also include a copy of the formal charges, the disciplinary code and any other adopted disciplinary procedures.

The accused member may appear with legal counsel before the hearing body, hear any witnesses called in support of the charges and, at the member's option, cross-examine the same, present witnesses in the member's behalf, and submit oral or written statements in the member's behalf. The prosecutor may likewise be represented by legal counsel, present witnesses, and cross-examine the accused member's witnesses. The hearing body may consult at any time with legal counsel of its choosing.

By registered letter addressed to the chair of the advisory council at Association headquarters and postmarked not less

than ten (10) days prior to the date of the hearing, the accused member may, at his or her own option, waive personal appearance and request the hearing body to adjudge the matter on the basis of a written statement of the member's defense accompanying such letter. Failure of the accused member to appear or to submit a waiver letter and a written defense shall not prevent the hearing body from rendering final judgment.

SECTION 4. Other Violations

A. For disciplinary action resulting from pleading guilty to a misdemeanor involving moral turpitude or to any felony; admission to the violation of any governmental statute, regulation, rule, or code of ethics relating to the practice of geology; or a false statement of qualifications for membership; the executive committee shall set the time, date, and place for a hearing on the charges. The accused member shall be given such written notice at least thirty days prior to such date, mailed to the member by registered mail to the member's last-known mailing address. The notice shall also include a copy of the formal charges, the disciplinary code and any other adopted disciplinary procedures. As applicable, the notice shall also be accompanied by a copy of a court document or other official document indicating such plea of guilty or admission of violation, a copy of the judgment or other document indicating such conviction or finding, and a copy of any applicable order of an appellate court or other appellate body, or a statement explaining such charge of falsely stating qualifications of membership.

The accused member may appear with legal counsel before the executive committee, present written evidence to the executive committee, present witnesses in the member's behalf, and submit oral or written statements in the member's behalf.

The executive committee shall have the right to cross-examine the member and any witnesses presented by the member on the member's behalf. At the member's option, the member may, by registered letter addressed to the president of the Association at Association headquarters, postmarked not less than ten (10) days prior to the date of the hearing, request that the executive committee consider the matter on the basis of a written statement by the member accompanying such a letter without the personal appearance of the member. The executive committee shall consider such statements prior to voting on the suspension or expulsion of the member.

B. A member who does not plead guilty to but is convicted of the aforementioned offenses may be suspended from membership in the Association upon a majority vote of all members of the executive committee of the Association. If such a conviction or finding is reversed on appeal, the member shall be reinstated to membership. If such a conviction or finding is not appealed, or is upheld on final appeal, the member may be expelled from membership by a majority vote of all members of the executive committee, following a trial at which the executive committee shall serve as the hearing body. If such a conviction or finding is the subject of an executive pardon, the member shall be reinstated to membership upon a majority vote of all members of the executive committee of the Association.

SECTION 5. Disposition of Charges

A. After the conclusion of the hearing or study of the written defense submitted in lieu thereof, the hearing body shall consider and vote to sustain or dismiss the charges. A finding sustaining the charges shall require a four-fifths vote. Notice of the decision of the hearing body shall be sent by registered

mail to the accused member at the member's last-known post office mailing address.

If the charges are sustained, the hearing body may impose the following discipline:

- (a) issue a private or public admonition of the member; or
- (b) suspend the member for a stated period of time; or
- (c) allow the member to resign; or
- (d) expel the member.

B. Disposition of the charges on any terms or conditions may be made at any time prior to the conclusion of the proceedings, provided such disposition has been agreed to by all of the members of the ethics committee, the chair of the advisory council, the accused member, and the executive committee. The existence of allegations against any member and their basis and content shall be confidential.

SECTION 6. Appeals Procedure

Action taken by the hearing body may be appealed to the executive committee of the Association by either the accused member or the ethics committee within thirty (30) days of the date notice of the decision of the hearing body is sent to the accused member. The executive committee shall have final authority whether to sustain or order a rehearing on the decision of the hearing body.

SECTION 7. Resignation

Resignation by the accused member from the Association, at any stage in the foregoing prescribed proceedings, shall automatically terminate the proceedings. Following resignation, the accused person so resigning shall not be eligible for reinstatement to membership except by unanimous vote of all members of the executive committee of the Association.

SECTION 8. Expulsion

Persons expelled from the Association under these proceedings shall be ineligible for reinstatement to membership except by unanimous vote of all members of the executive committee of the Association.

SECTION 9. Publication of Grievance Matters

The executive director of the Association shall cause to be published annually in the Bulletin or by other suitable means a summary of all grievance proceedings initiated, pending, or considered each year. The summary shall include, but not be limited to, the general type of complaint, the level of grievance procedure attained, and status or disposition of the case. Names of parties shall not be published, except that the name of any member expelled from the Association shall be published in said summary.