

2016 ANNUAL REPORT

— For the Fiscal Year July 1, 2015 to June 30, 2016 —

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

President

As the 99th President of AAPG, I want to thank all of you who put your faith in me by electing me to do this job. This was a difficult year for AAPG, revenues could not keep up with expenses and we had to cut general and administrative expenses by using early retirements and layoffs of some great staff who were part of the AAPG family, many of whom were friends, it was not easy for anyone.

We also try to retool AAPG to run as a business, yes we are one of the eminent geoscience societies and we provide cutting-edge geoscience for our members and the scientific community along with being a very important community for our membership. I'm very glad that I had an Executive Committee with a wide range of skill sets to meet the many challenges that we faced in the year. The group—Jim Tucker, treasurer, Paul Britt, president-elect; Bob Shoop, House of Delegates chair, Peter Lloyd, vice president regions; Steve Brachman, vice president sections Heather LaReau secretary, and Mike Sweet, elected editor—was respectful, enjoyable hardworking professionals that made my presidential year very, very enjoyable. I thank each of them for serving our Association.

We also relied heavily on our great staff including David Curtiss, our executive director, and David Lange, deputy executive director, for some very valuable advice. Alan Wegener provided a significant amount of strategic advice on our flagship events, ACE and ICE, during a very difficult year that saw sponsorship and exhibition space revenue decline. The staff faced a difficult year, many fill new roles in a time of uncertainty and they all deserve a great thanks for making AAPG a world-class volunteer association.

A few key items that we focused on in 2015–2016:

ICE AAPG/SEG

AAPG entered into an agreement with SEG to co-host future ICE meetings starting with the September, 2015 Melbourne meeting and followed by the April, 2016 ICE Barcelona meeting. While the timing of the kickoff of these joint events may have been suboptimal, we are building closer ties with our sister society that we may build on in the future.

AAPG Mid-Year Business Meeting

We also tried something different this year with a business meeting, replacing the

traditional Leadership Days, in Q3 that allowed the Divisions, the House of Delegates and the Young Professionals, at their traditional Leadership Summit, to gather over two days in Houston and both complete their meetings and have a few common, joint sessions, to discuss the business of AAPG.

Restructuring AAPG

As I mentioned early, the immediate challenge for the Executive Committee this year was to focus on cost control, due to the reduction in convention revenue. This work by the EC led to reductions in staff, programs, and spending.

Statement of Income and Expenses

	General Fund FY 2014-15	General Fund FY 2015-16	Budget FY 2015-16
Operating Income			
Dues	\$ 2,447,308	\$ 2,283,074	\$ 2,135,556
BULLETIN Subscriptions	239,675	239,082	248,000
Advertising Income	1,920,911	1,303,576	1,804,184
Sales of Publications	884,706	823,105	910,339
Interest and Dividends	538,548	684,235	325,000
Investment Income from NAPE	702,232	620,020	625,000
Investment Income - Other	1,335,680	1,282,826	1,145,000
Education and Misc. Service Fees	3,169,495	2,224,422	3,615,541
Conferences and Meetings	6,958,295	4,643,714	6,323,289
Page Contributions	3,253	2,023	1,200
Gain (Loss) on Datapages	(205,841)	86,058	21,126
Gain (Loss) on International Pavilion	(97,785)	(44,449)	-
Grant Income	1,057,446	1,329,678	1,463,500
Miscellaneous	327,644	375,788	288,042
TOTAL OPERATING INCOME:	19,281,567	15,853,152	18,905,777
Operating Expenses			
Salaries	5,479,300	5,284,805	5,060,566
Employee Benefits	2,547,352	3,389,037	2,782,180
Publishing Cost of BULLETIN	125,256	123,903	267,000
Publishing Cost of EXPLORER	276,867	204,796	229,476
Cost of Special Publications Sold	233,503	82,484	190,157
General Office Expense	1,152,205	1,032,274	1,104,793
Postage and Shipping	556,251	443,048	538,116
Building Expense	317,983	320,616	289,686
Professional Fees	2,215,249	2,205,046	2,447,230
Staff Travel	417,969	263,915	482,744
Professional Travel	1,274,729	826,604	1,121,198
Conferences and Meetings	5,498,666	4,014,541	5,336,272
Depreciation	160,179	117,710	167,848
AGI Dues	63,344	62,914	70,363
Meeting Presence / Display	14,138	11,228	17,451
Miscellaneous Grants and Awards	206,037	126,037	225,903
Miscellaneous	417,084	528,408	445,286
TOTAL OPERATING EXPENSES:	20,956,112	19,037,366	20,776,269
Income (loss) from Operations	\$ (1,674,545)	\$ (3,184,214)	\$ (1,870,492)
BALANCE SHEET SUMMARY			
Assets	\$ 25,093,914	\$ 16,840,118	
Liabilities	8,667,921	7,358,372	
Fund Balance	16,425,993	9,481,746	
Total Liabilities and fund Balance	\$ 25,093,914	\$ 16,840,118	

The figures reflected above in the FY 2015–2016 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.

Once the work was done to contain costs the EC and directors worked on designing the new AAPG structure, focused on the business of AAPG including marketing our products and generating more revenue from Datapages and our flagship Search and Discovery.

TIGs and SIGs

One of the most innovative initiatives this year was kicking off the Technical Interest Groups (TIGs) and Special Interest Groups (SIGs) as a better way to engage our members. The intent of TIGs and SIGs is to reduce governance and allow free-form groups to develop products, social and special interest areas for the membership such as conference content, publications, white papers of technical interest, and localized social and special interest groups. We had a number of groups kicked off in 2015–2016 with many more to be approved in the future.

Officer Candidate Reform

This was also the first year AAPG officer candidates were not announced in the second quarter of a year. The changes to the bylaws allowed for the Advisory Council to deliberate and select new officer candidates in October and, after the approval of the Executive Committee, the candidates were announced in December 2015 to the membership. This change, combined with a series of videos of the candidates produced by headquarters staff, allowed the voting membership to have the ability to listen to each candidate's views on their role in their office, with no travel to Section or Regions necessary.

AAPG is still facing many challenges as I leave office and we need a strong sense of urgency from our dedicated volunteers to sustain us through the hard months and maybe years to follow.

Geologists by nature are optimists; we all know that oil and gas prices rise and fall just as eustatic sea level and mean global temperatures change through millions of years of time. For AAPG, preparation for difficult times may still need to include significant changes that may rock the association to the core and allow us to survive for years and decades from now to serve the geoscience community as the AAPG.

To the membership, times are difficult, the Association will be here to provide products and services for pure and applied geoscientists. Please consider getting involved and give back to your Association, we need you more than ever.

Thank you again for the opportunity to serve as your President.

John R. Hogg, President

Treasurer

Fiscal Year 2016 was projected to be a challenging year for the Association with the continuation of the downturn in the oil and gas industry.

Revenues from advertising, sales of publications, educational and convention activities were all lower than the prior year. With regard to meeting and convention activity, the ACE (Calgary) and ICE (Melbourne) did not generate as much revenue in FY 2016 as we enjoyed in 2015 at ACE (Denver) and ICE (Istanbul).

In FY2016 we continued to benefit from our cooperative partner events, including the NAPE Expo and our interests in the Offshore Technology Conference and the International Petroleum Technology Conference (IPTC). The NAPE event was down slightly and the OTC and IPTC events were also not as well attended as the previous year. 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. To fulfill the mission of the Association, the budgeted expense was established at \$20.8 million for the fiscal year. With cost saving and expense reduction efforts, overall expenses for the year were \$19 million including costs related to organizational restructuring efforts which took place during the fiscal year.

Unfortunately, we were under budget on revenue for the year at \$15.9 million versus a budget of \$18.9 million resulting in a net loss from operations of \$3.2M compared to a budgeted loss of \$1.9 million. The AAPG Budget Review Committee and Executive Committee are continuing to evaluate AAPG's programs and activities to determine which 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 believe we need to continue to not only focus on cost savings, but also invest in programs that provide value to our members and promote our profession.

We are actively working to properly position the AAPG investment portfolio to assist with weathering the current storm and to help plan for economic uncertainties.

Interest and dividend revenue generated within our investment portfolio was a bright spot in FY 2016 and was significantly higher than budget and greater than the prior year.

At Tulsa headquarters, there was a voluntary separation program implemented during the first half of FY 2016. The restructuring that followed reduced expenses and positions the organization to navigate through the downturn and build for the future as the Association enters its second century.

Looking forward to FY 2017, your Executive Committee has approved a breakeven budget. We enjoyed an outstanding experience at the ICE meeting in Cancun despite the challenging economic environment and we are looking forward to the ACE in Houston in April, 2017 as we celebrate AAPG's 100-year anniversary. Convention revenues continue to be the main driver of AAPG's financial success.

We expect FY 2017 to continue to be a challenging for our industry and profession and will evaluate our financial results and position so as to be able to offer professional benefits at the best possible value to our members.

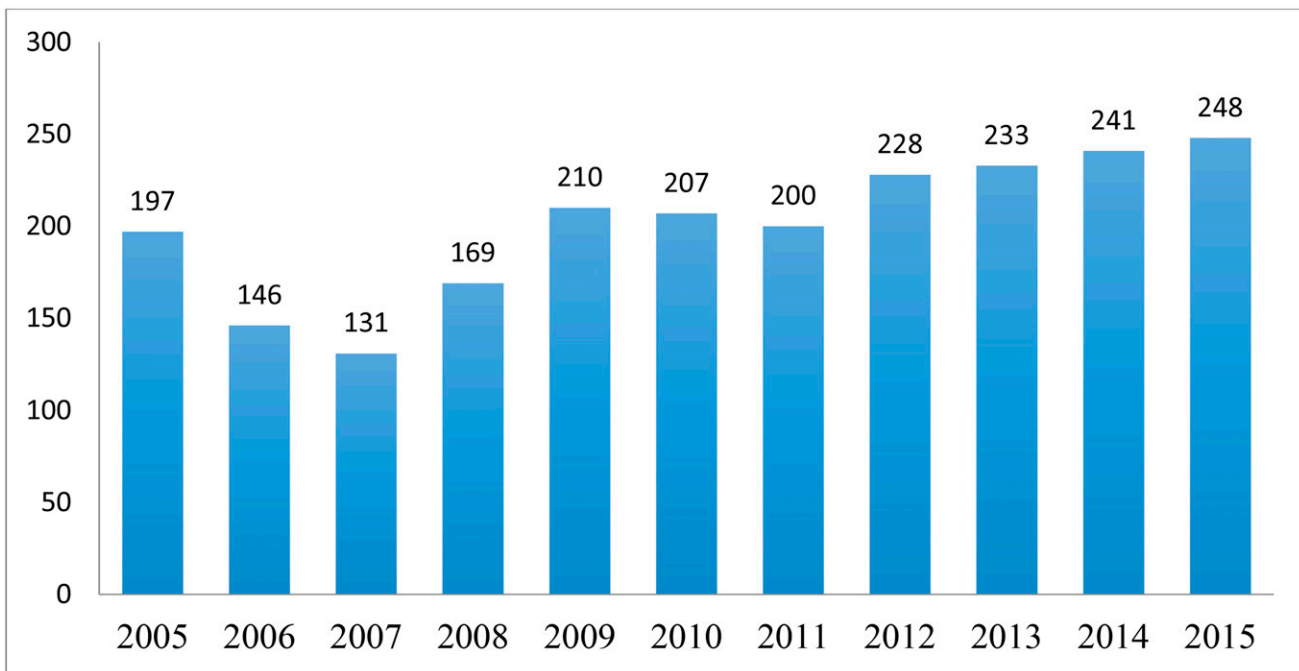
Marty Hewitt

Editor

The Editor oversees all technical publication of AAPG, including the *AAPG Bulletin*, Special Publications, and GIS/Spatial Publications, which are all peer-reviewed, and Search and Discovery, which is not peer-reviewed.

AAPG Bulletin

The *AAPG Bulletin* publishes papers on the geology and associated technology of hydrocarbon exploration, development and production and other energy mineral resources. Since its first issue in 1917, it has occupied an important place in the scientific literature of petroleum geoscience. As of December 2015 all 38,466 members of the AAPG received the *Bulletin*, either digitally or in print, along with 600 institutional subscriptions. In 2015 we also began delivering the *Bulletin* via an app that can be used on smart phones or tablets. As a highly selective peer-reviewed journal it attracts papers from leading petroleum geology and engineering researchers. The *AAPG Bulletin* is well regarded by researchers and has a journal impact factor of 2.61, up significantly from 1.83 in 2014. In recent years the *Bulletin* has been at the forefront publishing research on unconventional reservoirs. We have



Manuscript submissions to the *Bulletin* since 2005.

published some of the most widely cited papers in this field, no doubt contributing to our increasing impact factor. The *AAPG Bulletin* enjoys one of the highest rates of downloads among the collection of journals in GeoScienceWorld, an aggregation of 41 high-impact, peer-reviewed earth science journals to which many research and academic institutions worldwide subscribe. Downloads of *Bulletin* papers through GeoScienceWorld and our own Datapages archive provide another means to disseminate our science to the academic and corporate community beyond our membership. Royalties from downloads and other permissions usage are an important source of revenue for AAPG totaling over \$240,000 in 2015.

Submissions to the *AAPG Bulletin* have been rising for the last four years. The 248 manuscripts submitted to the *AAPG Bulletin* in 2015 exceeded the 241 received in 2014 and is the highest number of submissions since record keeping began in 1990. Of the manuscripts received in 2015, 41 were accepted for publication and 81 were rejected and the remainder were accepted with revisions or withdrawn. Because submissions are high we have had the flexibility to be more selective about the papers that we are publishing. We continue to receive a significant number of manuscripts written by authors for whom English is a second

language. These submissions add greatly to the geographic diversity of our science, but require the volunteers and staff to spend more time helping the authors to communicate their science. In many cases these manuscripts must go through multiple rounds of reviews and revisions before they are acceptable for publication.

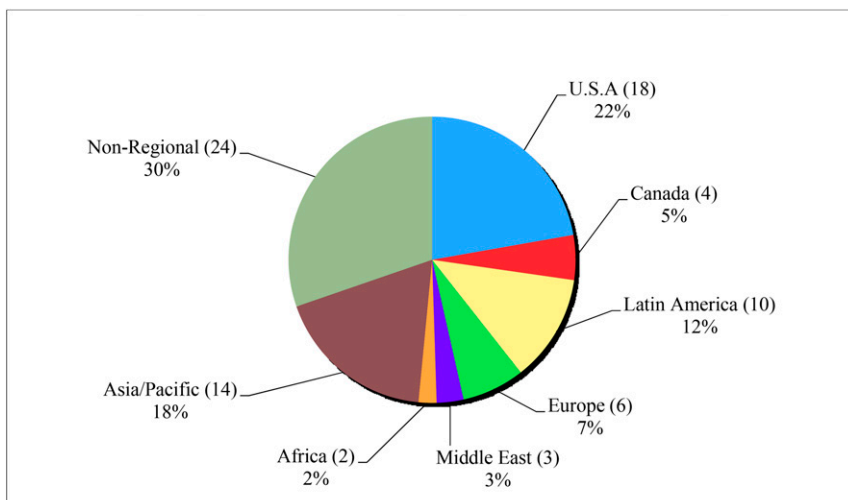
In 2015 the *Bulletin* published one special issue in August, "Petroleum Geology of the Eastern Cordillera, Foothills and Associated Llanos Basin of Colombia," edited by Andres Mora, Diego Garcia, Mario Guzman, and Paul Mann.

The selection of papers to be published in the *Bulletin* is the responsibility of the Elected Editor and the Editorial Board. The Editorial Board consists of a group of six Senior Associate Editors, who are experts in key fields of petroleum geology and a larger group of Associate Editors who are selected based on their previous experience as reviewers and authors. The Associate Editors provide the expertise (both geographic and discipline specific) that is needed to fairly evaluate the merits of the manuscripts that we receive. In recent years the Editorial Board has been given greater responsibility to select reviewers and decide if manuscripts should be accepted for publication.

In calendar year 2015, 81 papers were published, including 24 (30%) non-geographical, topical studies, with the

balance describing petroleum-related research and applications with regional examples. Of studies having a regional aspect, 22% addressed subjects from areas in the United States, 18% from the Asia/Pacific area, 2% from Africa, 3% from the Middle East, 7% from Europe, 12% from Latin America, and 5% from Canada. Most of the papers published were rated as major articles. The Editorial Board has revised the descriptions of the parts of the *Bulletin* to better delineate shorter, topical contributions in science, technology, and exploration (Geological Notes, Geohorizons, and E&P Notes, respectively) with the aim of attracting more contributions in these categories. These contributions will receive expedited editorial handling to fast track them to publication.

The median number of days required to review and act on manuscripts from submittal to decision increased in 2015 to 98 days from 92 days in 2014. Providing rapid, but thoughtful and constructive reviews is the essential contribution of the *AAPG Bulletin* peer-review and scientific editorial process. The *AAPG Bulletin* typically requests three reviewers to read manuscripts. The quality of the review is vital, and reviewers are busy unpaid volunteers. I view the median review time of 98 days to be unacceptably long. We are working to bring these numbers down. Increasingly, manuscripts may be rejected after initial screening by senior editors; many of



Geographic distribution of papers published in the Bulletin in 2015.

these papers successfully enter review later after major revisions.

AAPG/SEG Co-Published Journal: *Interpretation*

The year 2015 was the second full year of publication for *Interpretation*, published jointly with the Society of Exploration Geophysicists (SEG). This quarterly journal is dedicated to the integrated aspects of geophysical interpretation. Response from authors continues to be strong, and a total of 197 papers were published in the 2015 issues.

AAPG Publications 2015 Releases

The Books Editorial Board, chaired by William DeMis, has started working with AAPG staff on recruiting new publications from AAPG meetings, and a member of the board will be assigned to each new book to advise editors. A total of six books were recruited or in production processes during 2015. An ahead-of-print capability for book chapters was implemented in September 2016.

Three books and three CDs were published in 2015, and four collections of publications were added to the AAPG/Datapages Archives.

Books Released in 2015

1. Memoir 107—Pinedale Field: Case Study of a Giant Tight Gas Sandstone Reservoir, edited by Mark W. Longman, Stephen R. Kneller, Thomas S. Meyer, and Mark A. Chapin
2. Memoir 108—Petroleum Geology and Potential of the Colombian Caribbean Margin, edited by Claudio Bartolini

3. Memoir 109—A Color Guide to the Petrography of Sandstones, Siltstones, Shales, and Associated Rocks, by Dana S. Ulmer-Scholle, Peter A. Scholle, Juergen Schieber, and Robert J. Raine

Publications on CD Released in 2015

1. AAPG Bulletin Special Issue: Gulf of Mexico Petroleum Systems
2. AAPG Bulletin Special Issue: Faulting and Fracturing in Shale and Self-sourced Reservoirs
3. AAPG Bulletin Special Issue: Handling Risk and Uncertainty in Petroleum Exploration and Asset Management

Collections Added to the Archives in 2015

1. Assorted Bureau of Mines Publications (187 documents)
2. Mississippi Geological Society Publications
3. *Atlantic Geology* Journal of the Atlantic Geoscience Society
4. *Earth Science Bulletin* Journal of the Wyoming Geological Society (no longer published).

Updates to the Archives in 2015

1. URTEC 2015 Meeting Papers
2. GCAGS Journal (Volume 3, 2014)
3. GCAGS Transactions
4. TSOP Proceedings
5. IPA Proceedings
6. AAPG Memoirs 101, 102, 103, 104, 105, 106, 107; AAPG Studies 60, 65

DEO Highlights

1. New journals added to DEO:
 - a. Utah Geological Association
 - b. Pacific Section SEPM
 - c. Boletín de la Asociación Mexicana de Geólogos Petroleros (AMGP)

- d. Appalachian Geological Society
 - e. North Texas Geological Society
2. DEO Web Viewer new features:
 - a. User selectable image format to download including JPG-PNG-TIFF
 - b. Allow user to step backward and forward through map selections
 - c. New button to "Select all Objects from Article"
 - d. Improved viewer update process to reduce down time
 3. DEO Database new features:
 - a. Better tracking of object use for royalty reporting
 - b. Added multi-user editing to DEO data
 - c. Improved database update process to reduce down time

Spatial Publications Highlights

Open Files are submitted from external sources, managed by Datapages, peer reviewed by the AAPG GIS Publications Committee, produced by the AAPG Foundation/OSU Consortium, and funded by the Boone Pickens Digital Geology Fund of the AAPG Foundation.

1. Robertson Tellus Sedimentary Basins of the World Map Updated Geodatabase Files, Shape Files, Basin Classification Scheme
2. Global Heat Flow Database
3. Oil and Gas Fields and Pools of Pennsylvania: 1859-2011

Search and Discovery Highlights

Search and Discovery continues to show significant postings. During 2015 there were 729 individual articles posted. Usage included 880,086 sessions (1,528,388 individual page views) visits with an average of 2,411 visits per day. Most articles are acquired from presenters who gave talks or presented posters at AAPG ACE, ICE and the Section and Region meetings. Other resources are Geoscience Technology Workshops, Forums, and Hedberg presentations with select CSPG extended abstracts. We also received, edited, and posted unsolicited manuscripts and talks from Tulsa Geological Society meetings.

Search and Discovery issues the quarterly *Search and Discovery Digest*, only available to AAPG members, and reaches the general public via our column in the monthly emailed *Datapages Update*. We continued to sponsor the Imperial Barrel Award (IBA) by tracking progress of the contest on the Search and Discovery site and presenting IBA jackets to the first place winners at the AAPG annual meeting. Anadarko remains our largest corporate sponsor with additional corporate entities providing advertising support throughout the year.

Charles H. Taylor Fellowship

The Charles H. Taylor Fellowship, established in 2013, has the status of a special committee. Its role is to advise and assist the Elected Editor with emphasis on journal publications. The fellowship is named for Charles H. Taylor, the first editor of the *Bulletin*.

The Charles H. Taylor Fellowship held their fourth annual meeting in Houston on January 25th. The primary objective of this annual meeting was to select books and papers for AAPG's Pratt (Best Paper), Sproule (Best Paper by an author under 35 years old), and Dott (Best Book) awards. The attendees also heard reports on aspects of AAPG's publications and discussed ways to improve the process of reviewing and soliciting papers for publication.

The day was capped off with a formal dinner, during which new fellows were officially inducted. Unfortunately the winner of the 2014 Sproule Award Rob Heller was unable to attend and give a talk about his paper, "Experimental investigation of matrix permeability of gas shales."

Michael L. Sweet, Editor

House of Delegates

There were four initiatives the House was asked to consider in fiscal year 2015–2016; staggered elections, remote meeting attendance, member application reviews, and several bylaws proposals.

Staggered Elections

The issue of staggered delegate elections was seen as more of a housekeeping issue. Several Sections and Regions elect all of their delegates at one time. This has posed problems on more than one occasion when sometime during the three-year term of the delegates, the Section or Region loses eligibility for a delegate. That problem would be eliminated if all Sections and Regions staggered their elections so that 1/3 of their eligible delegates were elected every year. Staggered elections would also ensure that there is continuity in the House from year to year.

It was proposed to the ten Societies and two Regions that elect all of their delegates in a single election to have a one-time only election of delegates with less than three-year terms, so that eventually they would end up with staggered delegate terms. Unfortunately, doing that is also a violation of the bylaws. So the problem remains and will require a change in the bylaws to address.

Remote Meeting Attendance

Remote meeting attendance has been in discussion for over a year. Currently, the need to accurately and reliably register the credentials of delegates and to help ensure that the delegates are engaged in the discussion makes it necessary to establish Region and Section video conference centers in order to conduct a remote meeting.

This would not eliminate the need for travel by delegates, and would introduce some serious challenges, including dealing with up to 14-hour time differences, maintaining a quorum, significant costs, and keeping delegates engaged and involved in the discussions. These issues were not brought to the House this year, but we have asked for input and ideas from the regions on how to address those concerns.

Member Application Review Process

There is a significant disparity between how delegate checks are conducted for member applications. This disparity needs to be addressed one way or another.

This issue was discussed at the Executive Committee meeting at the end of June 2015. Following that meeting and discussions with the Membership department, we have implemented a one-year trial of a streamlined application review process. The proposed process is in line with the AAPG bylaws. Article I, Section 8 states in part that "The Association's Executive Committee shall be the sole judge of the applicant's eligibility for membership and the adequacy of the applicant's qualifications." Furthermore, Article III, Section 5, paragraph (e), states that "Delegates shall process requests from the Executive Committee for information regarding eligibility of applicants for membership in the Association." This aspect of the review process will not change. However, as opposed to having delegates provide a review of every applicant, we will only ask for information on those applicants where the Executive Committee has concerns or is lacking sufficient information to make a decision.

The EC unanimously voted in the June 2016 meeting to continue sending only those applications in which there are concerns to the delegates for a delegate check. It was also approved by the EC to ensure that the list of names of applicants is easier for delegates to find by publishing the link to that list in the *AAPG Explorer*.

Bylaws Proposals

Four bylaws proposals were brought to the House this year.

Bylaws Proposal 1: The Simplification and Reformatting of the Association's Constitution and Bylaws

The proposal was approved for presentation in Calgary by a unanimous vote of the House Leadership and Chair of the C&BL Committee. This proposal will be submitted for a straight up and down vote of the delegates. The proposed simplified and reformatted bylaws are the first step in what is envisioned as a multiple year process. This year, the simplified and reformatted bylaws proposal was intended to only address making the bylaws easier to read and understand. As such, the reformatted bylaws contain no change to the Association governance, nor do they remove conflicts and problems identified in the bylaws. These issues have been recognized and will be addressed in future years. The motion to adopt the simplified and reformatted bylaws was approved by the necessary two-thirds vote.

Bylaw Proposal 2: A Proposal to Allow Observers to the Advisory Council to Become Voting Members of the Advisory Council

This proposed change in the bylaws was approved for presentation in Calgary by a near unanimous vote of the AAPG Executive Committee at the request of Advisory Council. The motion to adopt the proposal to allow observers as voting members was approved by the necessary two-thirds vote.

Bylaw Proposal 3: A Proposal to Require the AAPG Executive Committee to Have All Societies and Regions Conduct Delegate Checks

This proposed change in the bylaws was submitted by petition. The motion to adopt the proposal to require delegate checks failed to get the necessary two-thirds vote.

Bylaw Proposal 4: A Proposal to Require All Societies and Regions to Finalize Their List of Delegates and Alternates 14 Days Prior to the Annual Meeting

This proposed change in the bylaws was submitted by petition. The motion to adopt the proposal to require Sections and Regions to finalize their delegates 14 days prior to the annual meeting failed to get the necessary two-thirds vote.

Resolutions

The House approved the affiliation of the Portuguese Association of Petroleum Geoscientists and Engineers.

Incoming Leadership

Chair-elect Jim McGray will be joined by Chair-elect David Entzminger and Secretary Editor Kristi Luchtel-Ferguson. They will be leading the House into our Association's 100th Anniversary. We left them a good start this year, and I am confident they can continue to build on that

Recommendations

Agenda

Some serious thought should be given to shortening the agenda for future meetings. One recommended time savings is to schedule only those reports that impact the business of the Association. The reports of the Divisions and possibly the Foundation could potentially be eliminated from the agenda. I also suggest setting the agenda early and having Colette help develop the agenda.

The Delegates Voice

This last year a number of unprofessional columns and letters were included in the *Delegates Voice*. These columns and letters were intended to discredit the House Leadership and the Parliamentarian with the aim of preventing the passage of the simplified bylaws proposal.

It is recommended that these types of columns and letters not be allowed for publication in the *Delegates Voice*. This

will require the Newsletter Committee to write some guidelines for publication.

Constitution and Bylaws

We have made good headway into our three+ year plan. I would recommend that for the 2017 meeting in Houston, the C&BL Committee address only the problems and conflicts found in the bylaws in this year's review.

I suggest we take a step back and leave the constitution alone for 2017; however, I recommend that the House approve formation of a Constitutional Review Committee.

Rules and Procedures

Since the reformatted bylaws were approved, the R&P Committee will need to conduct the housekeeping issue of making references to the bylaws consistent with the new bylaws. The R&P Committee should also consider making the special rules limiting debate permanent and they should consider codifying how the House can use censure to keep debate and letters and columns civil and professional.

Digital Voting

One initiative that was brought to the House this year was the use of digital voting using keypads. Almost all delegates reported that they found using the keypads to be very effective,

and that they also appreciated anonymity in voting. Based on the experience and results at the Calgary it is recommended that digital voting be maintained in all future meetings of the House.

Delegate Survey

Having digital keypads at the meeting allowed us to conduct a survey among the delegates. The majority of the survey questions addressed recommendations to the House from the Advisory Council's ad hoc Committee on Governance chaired by AAPG past president Lee Krystinik. The results of the survey are attached.

Acknowledgments

I am grateful to all of the AAPG Staff, especially Vern Stefanic, and Vicki Beighle. I am also very grateful to all of those serving on the various house committees and I am indebted to all of the committee chairs and vice-chairs. And finally, our success this year would not have been possible without the hard work, support, and feedback of Bill Houston and Colette Trohan, who also had the incredibly difficult job of keeping me in line.

Bob Shoup, Chair

AAPG Foundation

Fiscal Year ending June 30, 2016

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, 2016. 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, 2015 – June 30, 2016) were \$645,000, and awards and grants amounted to \$1.87M. Contributions to the Foundation for FY 2015 were \$1.1M.

As is typical, 97% of the donors and 75% of total contributions are from AAPG members. Eighty-seven percent (87%) of the contributions were from individuals with 13% 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. Out of the total contribution dollars received by the Foundation in FY 2016, \$335,000, or 52%, came from Trustee Associates.

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	\$260
• Imperial Barrel Award	\$156
• Bulletin Fund	\$229
• Weeks Memorial Fund	\$110
• Distinguished Lecture	\$182
• L. Austin Weeks Undergraduate	\$ 80
• Visiting Geoscientists Fund	\$ 66

In addition, the AAPG Foundation Trustees approved proposals for funding totaling \$460,000, which included the following:

- National Research Council - Roundtable on Unconventional Hydrocarbon Development
- 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 Professorial Award
- AGI Earth Science Week Poster
- Holland Award of Excellence
- Halbouty Lecturer
- Professorial Award
- Teachers Day at ACE
- AGI Earth Science Week
- Foundation and AAPG Honors and Awards
- GeoLegends Video Project
- Pioneering Women Video Project
- U Texas GeoForce Program
- AAPG Digital Immersive Publishing
- Boy Scout Jamboree
- Maps in Schools Program

The Grants-In-Aid program continues to grow with 85 Named/Memorial grants. The Grants-in-Aid program continues to support graduate and post-graduate students in the studies related to earth science aspects of the petroleum energy industry, including exploration and development of hydrocarbons and economic sedimentary minerals and relevant applications of environmental geology. Student recipients were invited to submit their abstracts for publication in the AAPG BULLETIN and in the Search and Discovery online journal.

Approximately 500 students requested funding through the GIA program in 2016 and the Foundation was able to provide grants for 25% of the applicants. The demand speaks to the success of this program.

Biographies of all Named and Memorial Grants are listed on the Foundation's Web site at <http://foundation.aapg.org/gia/names.cfm>.

The US Military Veterans Scholarship Program, approved by the Trustees in FY2013, awarded its second round of scholarships in April 2016. The MVSP committee awarded \$20,000 to 10 veterans from across the country. The MVSP committee is chaired by retired Air Force Lt. Colonel Don O'Nesky. You may learn more about the veteran scholarship recipients by visiting <http://foundation.aapg.org/programs/mvsp-recipients.cfm>.

At this time, \$758,000 has been raised for this important program, which was created to promote educational advancement and career opportunities in the geosciences for United States veterans. Two major contributors to this

program have been Paul Strunk and John Bookout.

The Foundation's fundraising advisory committee continues to seeking additional funding for this important program to provide much needed support to this community of prospective geoscientists. Please keep this program in mind if you are considering making a contribution to the Foundation.

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 of 0.3%, with an ending balance of \$45.0M as of June 30, 2016. This compares to \$46.5M 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 these important Foundation programs. The program support coupled with the lower than usual contributions in FY2016 primarily accounts for lower portfolio balance at the end of the fiscal year.

Governance

The Board of Trustees at the end of June consisted of Jim Gibbs (chairman), John Amoroso (vice chairman), Ray Thomasson (secretary), Lee Backsen (treasurer), Paul Strunk, and David Worthington.

Also, Larry Jones was elected as a Trustee for a three-year term through June 30, 2019, replacing Paul Strunk who steps down after serving as a Trustee for 5 years. We thank Paul for his distinguished service these past 5 years.

At the annual meeting of the Members of the Corporation in Calgary, Scott Cameron, David Hawk, and Valerie Schultz were elected as Members of the Corporation. In addition, Don Lewis, Jay Henthorne, and Ed Heath were elected to five-year terms ending June 30, 2021.

Trustee Associates Membership

Trustee Associates Officers are Rick Fritz (chair), Larry Jones (vice chair) and Pete McKenzie (secretary-treasurer).

There are currently 257 Trustee Associates members.

Operational Highlights

A few of this year's highlights include

- Bill Gipson will be recognized as the Weeks Medal recipient at this meeting.
- Don O'Nesky was named the 18th recipient of the Chairman's Award for his support to the Foundation and was to be recognized at this meeting; however, he

and Mary were not able to make this event, and he will be honored at a later date.

- Dick Baile will be awarded the Trustee Associates Service Award at our farewell dinner on Saturday evening.

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***

Division Of Professional Affairs

This year the AAPG Division of Professional Affairs (DPA) theme was "Spread the Word about DPA." The theme was a result of many conversations during my term as DPA president-elect with AAPG members who knew little, if anything about the Division of Professional Affairs. I felt it was important to promote the concept of DPA being the "Culture of Greatness," which was the DPA theme during Rick Fritz's term as DPA President.

Spreading the word was accomplished by a continuation and in some cases an increase in DPA sponsored events on an international, national, and local level and by attendance of the DPA president, or another member of the DPA Executive Committee at as many of the meetings as logistically possible.

The traditional sponsored events included Discovery Thinking forums, Playmakers forums, DPA luncheons and short courses. New sponsored events this year were a joint forum with the Career Services Committee and a joint YP-DPA meeting.

The Discovery Thinking forums feature geoscientists who are leaders in their sections and regions on various conventional and non-conventional plays. The forum has been a well-attended session at the Annual Convention and Exhibition (ACE) since 2008 and at the International Convention and Exhibition (ICE) since 2012. This year, sessions were held at the ICE in Melbourne, Australia (September 2015) and the ACE in Calgary, Canada (June 2016) and were well attended.

Playmaker forums are a great opportunity to hear case studies of current plays delivered by geoscientists and engineers who applied creative and entrepreneurial thinking to discover or extend plays. Ample time is scheduled for networking with the speakers as well as the attendees during and after the full day of presentations. Playmaker forums were held in Denver, Pittsburgh, and Bakersfield, respectively on March 31, April 13, and May 13, 2016.

Another signature event, the DPA Luncheon, has been held at ACE as well as AAPG section meetings for over 20 years. The luncheons feature a well-known keynote speaker and provide opportunities to meet old friends and make new contacts. Luncheons were held at the Eastern, Mid-Continent, Gulf Coast, and Southwestern sections as well as at ACE in Calgary. Luncheons will be held at future ICE meetings

and efforts are being made to have DPA supported luncheons at regional meetings.

Short courses over the years have included speakers addressing ethics issues and geo-steering. No courses were presented at the ACE this year. The DPA Continuing Education Committee is developing new courses to fit the needs of DPA and AAPG members in the current downturn in the industry.

New this year was a joint DPA and AAPG Career Services Committee career development panel session at ACE in Calgary to discuss the managerial versus technical path taken by geoscientists in the past and available to geoscientists in the future. The panel consisted of four geoscientists, two of whom are DPA members. The meeting was very informal with the four panelists as well as other late career geoscientists answering questions from students and early career geoscientists. The group was small, approximately 20 early career geoscientists, but they were highly motivated and very interested in managing their careers. Special thanks to Jesse Holland of the Career Services Committee for organizing this event.

Also new was a joint DPA-YP event modeled after a 2014 DPA sponsored event called "Pass the Baton" in Tulsa. The event provided early career geoscientists the opportunity to hear from late career geoscientists about their experiences in the oil and gas industry. In May of 2016, the Eastern Section Young Professionals Committee and DPA held a similar joint event in Pittsburgh. The event consisted of a panel of five experienced professionals who addressed the current environment that our industry is experiencing and shared a brief history of their careers. Time was scheduled before and after the panel discussion for networking. Several of these events are in the planning stages for various venues throughout the United States. Special thanks to the Eastern Section YP representative, Merrill Stypula for organizing this event.

Attendance by the president or other members of the Executive Committee at the section, region, national, and international meetings is important but only a limited number of AAPG members can be reached through these efforts. It is imperative to reach into the AAPG affiliated societies to be able to spread the word about DPA and to obtain feedback from DPA and AAPG members on what services and programs would best fulfill their needs. With this in mind, a major effort was

made by David Entzminger, DPA vice president, to provide guidance and support to all of the DPA councilors and alternates for all of the regions and sections. The councilors and alternates are the conduit for information and suggestions from DPA members in the local societies, which allows the DPA Executive Committee to provide the services and programs that best meet the needs of the DPA membership. David's efforts provided a great foundation for DPA to have more of a presence at the local level in the future.

We continued to use media in the form of publications and our website to convey information to our members. Quarterly, articles appeared in the *AAPG Explorer* magazine and the *Correlator* newsletter was published. The *Correlator* newsletter contains articles written by DPA members and information on new members, councilors, and planned activities. Special thanks to editor Michael Raines of Whiting Petroleum in Midland, Texas, for the work he has done this year. In addition, the DPA has a page on the AAPG website where an online application for membership, videos of past Discovery Thinking forums, Playmaker forums, and educational programs can be accessed.

Lastly regarding publications, DPA sponsored the AAPG publication "Becoming an Independent." The publication gives insight into how to manage one's career in these difficult times in the oil and gas industry. This publication is available in the AAPG bookstore.

DPA has worked this year to provide services and assistance to DPA members as well as the entire AAPG membership. It would not have been possible without the many hours of volunteer time from the members of the Executive Committee, the Council and the standing and ad hoc committees. In addition, the support from AAPG headquarters this year, through difficult times was greatly appreciated.

I end my report with the list of top 10 reasons to be a member of DPA as Rick Fritz did last year in his report. As he said and I agree, this list is important to keep in mind as it defines our culture.

As always, Spread the Word about DPA!

Mike Canich, President

Top 10 Reasons to be a Member of DPA

10. Professional resources culture – DPA is the largest division with AAPG and

- has many resources at its disposal including the human resources provided by Vicki Beighle and her team at AAPG Headquarters.
9. Government affairs culture – the Government Affairs committee keeps apprised of issues that are pertinent to DPA members and provides position paper on various topics.
 8. Access to professional publications, newsletters, and website. The purpose of the DPA *Correlator* is to provide current information and issues on professional activities for all DPA members. In addition the DPA has published a few key publications in particular the popular *Heritage of the Petroleum Geologist*, which is regularly provided to students and young professionals.
 7. Continuing education culture – DPA offers professional development hours (PDHs) through short courses usually held at the AAPG annual meeting or at Section and Region meetings. Examples of DPA short courses are Black Belt Ethics and Geosteering.
 6. Conferences culture – DPA is providing new opportunities for professional development in the form of the Playmakers conferences. The primary purpose of Playmaker forums is to bring leaders from industry to present their ideas, successes and even failures in developing new plays. A secondary purpose of Playmaker is to provide training for professionals in prospect generation and presentations.
 5. Career development culture – a key purpose of DPA is to provide mentors to help guide professionals in their careers. Support is provided by a community of top professionals with knowledge and opportunities for development. This is a great area for young professionals to plug into DPA.
 4. Networking culture – one of the most important aspects of the DPA is the opportunity to make and build business contacts. Many DPA members are active explorers and we have a heritage of success in business.
 3. Ethics culture – Professional values are an important aspect of DPA certification and it is important for DPA to promote a “gold standard” for ethics within our industry. The DPA offers short courses and online training for ethics.
 2. Certification culture – the original purpose of DPA was certification for petroleum professionals. Unlike government certification DPA provides peer certification. This is an important distinction. Whereas government certification is primarily for control and taxation of professionals, DPA exists to support and promote its members.
 1. Leadership! All of the above is about leadership. Since DPA was formed many of AAPG past presidents were DPA members. Many of AAPG’s current leadership positions are held by DPA members.

Reports of the Regions and Sections

Africa Region

Distinguished Lecturer Program

Dr. Gary Hampson of Imperial College, London, was honored to serve as the first AAPG Distinguished Lecturer for the Africa Region during a two-week tour in late February and early March. The tour took place in host universities and companies in three countries: University of Western Cape (South Africa), PetroSA (South Africa), University of Stellenbosch (South Africa), University of Witwatersrand (South Africa), University of Tunis El Manar (Tunisia), and University of Nairobi (Kenya).

Student Programs

Visiting Geoscientist (VG) Program

The VG program took off smoothly in January 2015, beginning in Kenya and Nigeria and extending to Morocco, Egypt, Angola and South Africa.

A total of six VG lectures were delivered in the Region within the year.

Publications Pipeline Program

AAPG Publications Pipeline Committee (PPC) donated books to six Nigerian Universities:

- Nnamdi Azikiwe University, Awka
- Ahmadu Bello University, Kaduna
- Federal University of Petroleum Resources, Effurun
- University of Ife, Ife
- Federal University of technology, Akure
- University of Benin, Benin

Local Student Chapters Leadership Summit – L-SCLS

The 2015 L-SCLS summit for sub-Saharan took place at the Eko Convention Center in Lagos, Nigeria in November 2015. The summit was hosted jointly by AAPG & Nigerian affiliate, NAPE. The two-

day event involving twenty-five representatives of AAPG and NAPE student chapters.

2016 Imperial Barrel Award Competition

The 2016 IBA competition for the Africa Region finals successfully concluded on March 12 in Cairo, Egypt. This year's competition welcomed new student entrants from the National Polytechnic Institut Felix Houphouet Boigny of Yamoussoukro (INP-HB), Cote d'Ivoire. Participating teams represented Algeria, Tunisia, Egypt, Cote d'Ivoire, Nigeria, Uganda, and South Africa.

Young Professionals

2016 YP Networking Reception, Cairo

With the support of the Egypt YP team led by Ola Adly, the 2016 YP networking reception hosted in Cairo, Egypt, was a well-attended and successful event.

2015–2016 Events

Geoscience Technology Workshop, Alexandria

The AAPG-Egyptian Petroleum Exploration Society joint Geosciences Technology Workshop titled "Hydrocarbon Potential of the Sinai Micro-Plate and Surrounding Basins" was conducted March 18–19 in Alexandria, Egypt. The event was attended by 68 participants, including 14 AAPG student members who were invited to attend based on the recommendations of their student chapter management teams. The audience included Egyptian General Petroleum Corporation management representatives, scientists, and industry

managers from several countries, and explorationists from national and international oil companies with operations in Egypt and those who operate in the region.

Short Courses

Structural Geology Short Course – Lagos, June 2016

AAPG Africa Region in partnership with ExxonMobil Nigeria kicked-off a five-day short course on structural geology in line with ExxonMobil Nigeria's commitment towards developing Nigerian geoscientists under ExxonMobil Nigeria's Universities Assistance Program, UAP.

2016 Africa Energy and Technology Conference, Nairobi

AAPG Africa Region and SPE hosted a joint, multidisciplinary conference for the first time on the continent on December 5–7, 2016. The theme was "African Energy in the 21st Century: Paving The Way For The Future."

David Blanchard

President, Africa Region (2014–2016)

Eastern Section

While AAPG operates on a fiscal year from July 1 to June 31, Eastern Section operates on a fiscal year from January 1 to December 31 of each year. Our annual meetings occur in the fall and mark the change in leadership for the Eastern Section.

44th Annual Meeting held in Indianapolis, Indiana

Our annual meeting last year was held September 20–22, 2015 and was hosted by the Professional Geologists of Indiana, Inc. (PGI). The theme of the meeting was "Crossroads of the East." General co-chairs were Kevin Strunk and Greg Nethery, and technical co-chairs were Joan Crockett and Zak Lasemi. The ES-AAPG's most prestigious award, the John T. Galey Memorial Award, was presented to Dr. Richard Beardsley for his outstanding contributions to Appalachian geology. The ES-AAPG's





highest presentation award from the 2014 Annual Meeting in London Ontario, the A.I. Levorsen Memorial Best Paper Award, was awarded to Joseph P. Fagan, Jr. In total there were 309 registrants, 67 oral presentations in 12 technical sessions covering 8 themes, as well as 2 full days of (27) posters representing 6 themes. Net profit to Eastern Section from the 44th Annual Meeting was \$12,968.52.

Student Expo and Student Chapter Leadership Summit

Prior to the annual meeting, we held a very successful student expo on Saturday and Sunday, with over 40 students from 17 universities from around the Eastern Section. Highlights included a Saturday afternoon student program and a Saturday evening student poster exhibit and competition. Sunday events included an all-day student chapter leadership summit, and company interviews conducted by four independent E&P companies.

2015–2016 Officers

Following the annual meeting, the 2015–2016 Executive Committee assumed office: Craig Eckert, president; John Hickman, vice president; Patrick Gooding, secretary; Andrew Waggener, treasurer, and Peter MacKenzie, ES representative to the AAPG Advisory Council. In addition, the past President (Joan Crockett) is unofficially included as part of the executive committee.

Key Initiatives

- New Website Initiative – a long awaited new website was launched this year to provide greater accessibility and improved user experience for our membership.
- Monthly President’s Letters to Membership – monthly letters to the membership covering one or more key topics for the purpose of communicating information, ideas, and issues to the membership, and demystifying AAPG organizational structure and functions.
- Executive Committee Winter retreat – newly implemented mid-year weekend planning retreat for ES Executive Committee.
- Transfer to Member Initiative – an aggressive attempt to elevate as many of our qualifying student YP’s and associates to member status, by communicating the importance of this membership type and by providing a simple means for doing so.
- Committee Chair Mentee Program – each committee chair was asked to enlist a mentee chair for their respective committee to ensure continuity of committee leadership.

Other 2015–2016 Eastern Section Highlights

- Eastern Section TOTY Award Finalist Karen Waterbury, a 4th grade teacher at St. Mary’s School, Mt. Carmel Illinois, was selected as 2016 AAPG Teacher of the Year.
- Dr. Paul Potter, professor emeritus at University of Cincinnati and longtime

Eastern Section AAPG Member was this year’s recipient of the Sidney Powers Memorial Award.

- Eastern Section IBA Competition was held in Pittsburgh on April 8–9. Eastern Section IBA finalist Penn State University went to the 2016 ACE in Calgary, Alberta, and won second place for the second year in a row in this year’s International IBA competition.
- Eastern Section Leadership at the national level this year (2015–2016) proudly included DPA President Michael Canich, EMD President Robert Trevail, and DEG President Elect Timothy Murin.
- YP/DPA held its first ever “Pass the Baton” event in Pittsburgh on May 9. This event was professionally videotaped for use as a mentoring and networking resource for YPs and students.
- DPA Playmaker Forum was held in Pittsburgh on April 13 showcasing local and national speakers.

Finances

Eastern Section continues to maintain a strong balance sheet. As of our last Council Meeting in Calgary, our treasury balance was \$306,838.18. Because of this we are able to fund a large number of student and member focused programs and awards including but not limited to

- Two AAPG Foundation ES Student Research grants
- Student Expo poster contest awards
- Honors and Awards program
- Student Presentation Travel Grants for ACE and ES Annual Meetings
- ES TOTY Awards
- ES IBA Competition Awards

***Craig A. Eckert,
Eastern Section AAPG President***

Europe Region

We had another busy year in Europe and, whilst business was far from booming, we continued to maintain AAPG’s presence in Europe by offering a range of Geoscience Technology Workshops, regional conferences, student grants, Distinguished Lecturer tours and Visiting Geoscientist programs. We also hosted a large Imperial Barrel Award competition in Prague for 18 teams with Delft University being the winning team who went on to ACE at Calgary for the finals.

This year we welcomed Edwige Zanella (treasurer), Jonathan Redfern (secretary),

and Maxim Kotenev (Young Professional chapter's officer) onto the AAPG Europe Council. They replaced Helen Cromie, Knut Jakobsson and Sam McLay, respectively, and we thank Helen, Knut and Sam for their support and hard work over the last few years.

We were able to offer grants to seven universities in early 2016, predominantly for their field trips. These universities, in turn, offered participation on these trips to a further 30 universities, enabling our relatively small grants program, funded out of events run in Europe, to be spread throughout the region.

In September 2015, the Europe Region launched an initiative with the PESBG to run a series of basin mastery and technical mastery one-day courses in London. These courses run every three months or so with a very low delegate fee and have proved very successful, averaging 60 delegates for each event. So far, the basin mastery program has included Myanmar, Greenland and Labrador, and the Atlantic Equatorial Basins, with more "hot" areas planned for next year.

On the day that Shell announced it was withdrawing from Arctic exploration, we opened our 3P Arctic conference and exhibition in Stavanger. It was about half the size of the previous event in 2014, but still attracted over 300 delegates from around the world, 65 presentations, 50 posters and with a good exhibition attached it made it a very valuable Arctic event for 2016.

The highlight of our events calendar was our AAPG Europe Annual Regional Conference held in Bucharest, Romania with generous sponsorship from OMV Petrom and ExxonMobil. The event attracted over 350 delegates and over 200 presentations, posters filled the entrance area and we ran three fascinating local field trips looking at mud volcanoes in Berca, spectacular salt mines at Slanic Prahova and Cretaceous outcrops in Dobrogea. In addition, ExxonMobil ran a sequence stratigraphy course for the students at the University of Bucharest.

As the downturn continues, we are now looking to reaffirm our activities and operations for the next three years with an emphasis on membership growth, developing more relationships in Eastern Europe and ensuring our relationships with universities in Europe keep growing to ensure our next generation of petroleum geologists are ready to take up the reins.

Next year's program will include an exciting series of events, including our regional conference in Cyprus in January and culminating with the Centennial ICE in London in October.

On a final note, early in June 2015 we suffered the sudden passing at an early age of one of AAPG Europe's staunchest supporters and hardest workers, Vlasta Dvorakova. We still miss her enthusiasm and input. We have named the trophy presented to the winning IBA team in her honour to allow her memory to continue.

Jonathan Craig
AAPG Europe Region President 2015-2017

Gulf Coast Section

Annual Conventions

The 66th Annual GCAGS Convention was held September 18–20, 2016 in Corpus Christi, Texas. The convention chair was Dawn Bissell, and she did a superior job coordinating all of the facets of the convention. The technical program was robust and rich in content. It featured about 180 technical presentations in 18 different categories. Many thanks should go out to Rick Paige, Bob Critchlow, and Allen Lassiter for their efforts in this area. Attendance was about what was expected; there were approximately 603 attendees. Convention sponsors and exhibitors were difficult to come by this year, presumably due to the industry downturn. However, overall the convention is being viewed as a success due to the strong technical program and the amount of fun had by all in Corpus Christi.

Preparations and planning are on track for the 67th Annual Convention to be held in San Antonio, November 1–3, 2017. The 2017 convention will have a Wednesday through Friday format, which is a deviation from the Sunday–Tuesday format of recent GCAGS conventions. The entire convention will be held at the Marriott Rivercenter Hotel, and the convention chair will be the experienced, Gene Ames III.

Preliminary planning for the 2018 convention has also already begun. The 68th annual convention will be in Shreveport, Louisiana, most likely in late September. Ralph Richardson and Alan Brittain are leading up the 2018 effort.

The GCAGS has formed a committee to investigate its convention business model. This committee is still in its infancy, and no significant changes are expected for a few years. There has been a long-term decline in convention attendance, exhibit sales and general enthusiasm for conventions since the 1980s. This committee will seek to rectify that.

Publications

The GCAGS continues to annually publish the *GCAGS Transactions* and the *GCAGS Journal*. The *Transactions* is associated with the convention as it represents the papers presented at the meeting. It is traditionally a hefty volume with about 1000 pages.

The *GCAGS Journal* is our peer-reviewed publication. The *GCAGS Journal* is in its fifth year of existence, and the publication is beginning to gain traction and recognition as an excellent source of geoscientific information relating to the greater Gulf of Mexico region. This year's *Journal* contained 16 papers and was over 290 pages long. Five of the papers were not associated with the technical program of this year's GCAGS convention.

Financial Status

The GCAGS is in fine financial condition. The 2014 and 2015 conventions were both financial successes and the final numbers for 2016 are not in yet but we believe we ended up in better shape than anticipated and finished close to even. The GCAGS uses its convention earnings and secondary income from publication sales and investments to fund existing programs for students and faculty as well as occasional programs for the affiliated societies and local schools. These monies are also used to pay for expenses related to our contracted help.

The GCAGS is investigating ways to reduce its fixed costs and increase income. A committee has been established to examine alternative, more aggressive investment strategies. A change in strategy will require an update to the organization's constitution and bylaws.

Student and Faculty Support

This year the GCAGS gave away about \$25,000 in support of student and faculty research. Twenty-one students from 12 different universities received funding ranging from \$500 to \$2000. These students are encouraged, but not required, to present their research at the annual convention. One faculty grant totaling \$5000 was awarded this year.

Honors and Awards

The GCAGS experienced a banner year in 2016 in terms of the number of award nominations and the resulting number of awardees. Fourteen very deserving individuals received special awards from

the GCAGS at the convention this year. Fourteen is about double the number of awardees that we traditionally have. Charles Sternbach chaired the Awards and Nominations Committee.

Transition of Officers

At the close of the convention, Brent Hopkins rotated to past president and Tom Ewing becomes president and Allan Brittain becomes president-elect. Dan Sutton has been approved replaced Sean Kimiagar as treasurer. Past President Brent Hopkins assumes chairmanship of the Awards Committee.

Brent Hopkins President

Mid-Continent Section

The fiscal 2015–2016 fiscal year was a busy but fruitful year for the Section. It began with our biennial convention in October 2015 at Tulsa. There were 756 attendees with 113 being exhibitors or sponsors. It was a financial success due to the hard work of many Tulsa society members and especially the convention committee headed by Shane Matson. The convention cleared almost double what they expected and they were able to return to the Section its \$5000 seed money plus about \$44,000 as our 35% share of the profits. New Section officers elected for two-year terms at the convention are H W “Dub” Peace II, president; Doug Davis, vice president; Terry Hollrah, secretary; Mike Allison, treasurer; and Don Burdick, past president. New committee chairs or co-chairs were named from individual Society councilors to ensure that our several areas of activity are adequately covered. In December a new business plan was unveiled.

The purposes of this Section are to advance the scientific and education aspects of geology; to provide for the discussion and publication of papers treating geological subjects with particular emphasis on Mid-Continent geology; to unite the affiliated Member Societies of the AAPG within the Mid-Continent region; and to promote the goals of the AAPG as set forward in its constitution and bylaws. To implement these purposes the Section annually provides grants and scholarships to several different entities. During March the Section provided \$5000 to the School of Geology at the University of Oklahoma so they could continue to hold the Mid-Continent AAPG Spring Student Expo

since in this industry downturn company sponsorship dried up—there were 120 attendees and 70 posters from many colleges and it was considered a success even though smaller than in the past. In June the Section again voted to sponsor for \$5000 the 2017 Spring Expo. The Section also voted to pay after the fact the March, 2016 1st, 2nd and 3rd winners of the Mid-Continent Imperial barrel competition awards of \$3000, \$2000, and \$1000 respectively since no corporate sponsors were available. The winners were Nebraska, Oklahoma, and Kansas State respectively. We are attempting to have societies in the Section present their nominees for the teacher of the year award, which provides \$6000 to the winning teacher. We hope to have several nominees for 2017.

The Section Council met again in June 2016 at the Calgary AAPG ACE and in addition to agreeing to again sponsor the student expo and Imperial Barrel competition distributed \$34,200 in grants and scholarships to students recommended by several of our member societies along with worthy geological entities. Our treasurer reports as of June 10, 2016 the Section has slightly over \$140,000 in cash and CDs in its accounts, which is available for future grants and scholarships when approved by the Council. The Council has previously awarded \$5000 seed money to each of the Sections; Ft. Smith fall 2016 Mid-Continent Field Conference; and to the Oklahoma City biennial Mid-Continent convention in October, 2017. The Ft. Smith field conference was held in Fayetteville, Arkansas from September 30 to October 3, 2016. The Oklahoma City convention will be September 30 to October 3, 2017 in Oklahoma City.

H.W. Peace II President 2015-2017

Pacific Section

The Pacific Section (PSAAPG) had another successful year in 2015–2016. PSAAPG strives to support its membership and its affiliated societies through advancing the science of geology as it applies to the business of hydrocarbon exploration and production, communicating and disseminating information related to the geosciences and associated technologies, supporting and providing regional and broad-based learning opportunities and research, enhancing communication with our

members and affiliated societies through direct interaction, our annual convention, newsletter and website, and serving as an advocate to national AAPG. The PSAAPG has been supporting West Coast geoscientists engaged in the petroleum industry since 1924.

The PSAAPG covers the states of Alaska, California, Hawaii, Oregon, and Washington and supports seven affiliated societies across this geographic area. The current officers of the Section (2016–2017) are the following: president: Robert Horton; president-elect: Mike Nelson; vice president: Emily Fisher; secretary: Becca Schempp; treasurer: Lisa A. Alpert; treasurer-elect: Simmie Chehal; editor-in-chief: Vaughn G. Thompson; and past president: Kurt Neher.

PSAAPG has managed to maintain its membership and financial health through the current downturn in the industry, and the leadership team continues to remain fiscally vigilant as the depressed price environment continues. We have a vibrant YP organization and support 16 student AAPG chapters across our area. We continue to have a strong IBA program in the Pacific Section area, and now typically have eight schools actively participating. Cynthia Huggins, the PSAAPG Scholarship and IBA Chair, has worked hard to make the IBA program successful. The PSAAPG awarded a total of \$18,000 in scholarships across our area, and spent \$3,300 supporting local educational and public organizations. In addition, the Section funded the PSAAPG Foundation with \$20,000 that will go toward scholarships and supporting education resources in the future.

The PSAAPG traditionally sponsors an annual section conference in the spring of each year, but this year we are hosting a joint meeting with the Rocky Mountain Section in October. This will be the first time two AAPG Sections combine forces to plan and host a joint conference. The 2016 Pacific & Rocky Mountain Joint Meeting, “New Plays, New Ways, New Days,” took place October 2–5 in Las Vegas.

The annual PSAAPG awards were presented at the joint meeting in Las Vegas in October. Congratulations to the awardees: Distinguished Service Award: Malcolm Allen, Daniel Schwartz; Honorary Life Membership Award: John Randall, James Allen Waggoner; Distinguished Educator: James Boles; YP Distinguished Service: Emily Fisher, Gregory Gordon; A. I. Levorsen Award: Ibrahim Olgun Ugurlu and Atilla I. Kilnic; H. Victor Church Memorial Award: Daniel Schwartz; and Teacher of the Year Award: Molly Deich

One of the many highlights of the year was the AAPG Playmaker Forum that was held in Bakersfield on May 13. Due to the current economic environment and the fact the annual section conference was delayed until October 2016, the PSAAPG leadership decided to organize the event to provide the membership and affiliated societies with a local meeting dedicated to local content. The forum, "Finding Value in Mature Basins," was jointly hosted by PSAAPG, AAPG, and DPA. Over 130 attendees were present to listen to 10 outstanding talks that focused on how geoscience adds value across the spectrum from greenfield exploration to improved/enhanced oil recovery in mature oil fields. Our sincere thanks go out to all who made this forum successful, and a special thanks goes to Charles Sternbach for making the arduous trip to Bakersfield and presenting his paper. Another highlight of the year was the election of Daniel Schwartz, a past president of PSAAPG to the position of AAPG vice president of sections. We wish Daniel success and look forward to working with him in his new role.

The year 2017 will certainly prove to be exciting. The PSAAPG will focus on supporting our members and affiliated societies, and continue to strengthen our YP and student scholarship programs. As we all know, a strong student and YP pipeline is critical to our industry. We are planning the 2017 annual conference that will be held in May in Anchorage, Alaska, and we are looking forward celebrating the 100th anniversary of AAPG at ACE in April.

In closing, we would like thank everyone whose efforts went into making 2015–2016 and outstanding year for

PSAAPG. This includes the leadership team, committee chairs, the AAPG delegates representing the affiliated societies, the large number of volunteers, members, affiliated societies and everyone outside of the Section, in particular national AAPG, which supported our efforts on the West Coast. Thank you!

Robert Horton, President
Kurt Neher, Past President

Southwest Section

The AAPG Southwest Section (SWS) includes eight affiliate societies in north central Texas, west Texas and southeastern New Mexico.

The 2016 annual AAPG SWS convention was held April 9–12 in Abilene, Texas. We had 185 attendees plus additional exhibitors and spouses. The field trip had 69 participants, while 77 attended the short course. We had 24 technical talks, 12 posters and 20 exhibitors. In conjunction with the convention, a workshop ("More Rocks In Your Head") was held in Abilene to engage elementary and middle school teachers with additional tools to help them make geology more fun and understandable for their students. The cost of the course was just over \$5,000; but it was given free to the teachers, thanks to SWS and AAPG funding. The conventions are the main income source for the SWS. During good years, the local society hosting the convention and the SWS can each net over \$40,000. This helps to cover the lean years, when the

SWS may not make a profit. Fortunately, we have had several good years, allowing the SWS to support several events.

In January of each year, the SWS presents the Bill Hailey Memorial Short Course, a one-day course held in both Abilene and Fort Worth, Texas. The SWS pays for the speaker and their expenses, so that all SWS members may enjoy a great educational event. It is free to all SWS AAPG members. In January 2016, we had approximately 365 attendees at the Abilene and Fort Worth locations. We also offer a free short course at each annual convention.

It is important to us to support the next generation of geoscientists. The SWS provides scholarships to students who attend a college in the Southwest Section, or who have a research project focused on topics of interest to the SWS. This year saw us deliver almost \$10,000 in scholarships. We also provide grants to student presenters at our conventions. The SWS also encourages activities among our Young Professionals (YP), with two active YP groups: Midland and DFW. The AAPG SWS coordinates and funds the SWS Imperial Barrel Award (IBS) Competition. The winning team from the SWS competition advances to the international IBA competition held at the AAPG Annual Convention and Exhibition. The SWS contributes \$3,000 in cash prize awards and covers the expenses of the SWS IBA competitors. This year, teams from seven SWS universities participated in the IBA. University of Texas, El Paso has done the SWS proud, winning the international competition in Calgary.

Darrell Mauldin
AAPG SWS President, 2015–2016

Astrogeology

The Astrogeology Committee provides AAPG members a forum for ideas on astrogeology and its relationships to terrestrial geology, energy and other issues. Efforts include organizing symposia at various meetings, recommending speakers for distinguished lectures, encouraging poster sessions on astrogeology at earth science meetings and acting as liaison with groups having similar interests, such as NASA, ESA, and other international space entities. The Committee encourages digital and/or paper publications on astrogeology and related subjects. All who are interested in astrogeology, planetary science, and their application to energy, environmental, and other resources are invited to join the Astrogeology Committee.

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 2016–2017

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 17B industry per year with 8%–15% annual growth rates. SpaceX is developing the Falcon 9 and Dragon launch systems. Other prominent firms involved in resource development, human-habitation facilities and transportation systems include Lockheed Martin, Shackleton Energy Company, Bigelow Aerospace, and Golden Spike.

Other Activities

1. Arranging symposia at AAPG conventions that emphasize astrogeology and exploration for energy resources.
- Douglas Cook and William Ambrose gave presentations in the astrogeology session "New Frontiers in Space and Alternative Energy" at the 2016 ACE in Calgary, Alberta. Topics included proposed missions to the asteroids, as well as human exploration and resource-development on the Moon and Mars. Attendance for these presentations exceeded 150 persons.
- Planned activities for the 2017 ACE meeting in Houston include a field trip to Houston Space Center on April 1, as well as a technical session titled "New Discoveries in the Solar System: Implications for Energy Resources".
- Proposed activities after the 2017 ACE in Houston include a field seminar associated with the total solar eclipse of August 21, 2017 in Casper, Wyoming. This seminar will include sessions on solar system resources, feasibility of humans working in deep space, and local petroleum geology. A Hedberg Conference on space exploration, transportation, and resource-development technology is being organized and tentatively scheduled for 2018.
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 new chair and vice chair, respectively, for 2016–2017. Harrison Schmitt and James Reilly serve as Astronaut (ret.) Liaison. 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.

Douglas J. Cook, chair
William A. Ambrose, vice-chair

Distinguished Lecture

The AAPG Distinguished Lecture (DL) Committee selects high-quality speakers to provide lecture tours to affiliated societies and academic institutions on timely subjects relevant to the AAPG. The committee was co-chaired for the term covered by this report (June 2015–June 2016) by Craig Shipp and Matthew Jackson, with administrative support provided by Ms. Lorry Oldefest, the DL Program Coordinator from AAPG Headquarters (HQ). The committee selected candidates for six DL tours in North America and five DL tours in the AAPG International Regions.

Distinguished Lecturer Tours for 2015–2016

Six speakers toured the North American (United States and Canada) from September 2015–May 2016 covering a wide range of topics (see Appendix). The total number of speaking engagements was 47, including both venues at universities and local geological societies. Five speakers toured outside North America, in each of the five AAPG's International Regions: Africa, Asia Pacific, Europe, Latin America, and the Middle East. These speakers visited numerous countries and presented 40 talks, mostly at local geological societies.

The J. Ben Carsey AAPG/SEG Inter-Society Distinguished Lecturer this cycle was Barney Issen from Chevron. He toured eastern and western North America visiting six venues and speaking on technology and innovation in three-dimensional seismic interpretation. The J. Ben Carsey Distinguished Lecturer is a speaker jointly selected each year by both societies. The Shell Distinguished Lecturer was Larry Garmezy, recently retired from Shell. He also toured eastern and western North America, visiting six venues and speaking on the concept of play-based exploration and a comparison of unconventional and conventional exploration methodologies. Larry also presented a short course on basin evaluation and quantitative prospect assessment. The Shell Distinguished Lecturer is selected from the regular Distinguished Lecturer voting process by the committee co-chairs.

Observations and Activities of DL Committee for the 2015–2016

The significant observations and activities of DL Committee for the 2015–2016 cycle are summarized as the following:

1. The first full year of operation of a single unified DL Committee over the previous individual Domestic and International DL Committees proved to be a more effective way of operating for all stakeholders involved. Improvements noted were more efficient administration of only one committee structure by staff at AAPG HQ, including arranging and attendance at DL committee meetings at ACE and an easier selection process for voting and final selection of DLs for the current cycle.
2. DL Committee members participated in a short teleconference meeting (held in 2016 on June 6) at which the program strategy and activities were reviewed. They also attended a two-hour meeting at the 2016 ACE (scheduled in Calgary over lunchtime on Wednesday, June 22) at which the master list of potential distinguished lecturers was updated. Both meetings were reasonably well attended, given the present industry climate.
3. The timeline for electing DLs was accelerated. For the cycle underway now, the voting and selection of DLs occurred before the June 2016 ACE in Calgary this year. This action permitted tours to be advertised earlier than the last cycle. Review of this process, at the committee meeting at the Calgary ACE generated a strong recommendation to accelerate this process even more for

the next cycle, with a goal to have the voting completed before April 2017 ACE in Houston.

4. All tours North American and International Region tours will continue to be arranged by the primary DL program coordinator, Lorry Oldefest, with additional support recently being added by a small team of other program coordinators, supervised by Susie Nolen at AAPG HQ. This action should even out the workload for AAPG staff during high-activity periods.

The current membership of the committee can be viewed at: <http://www.aapg.org/about/aapg/overview/committees/details/articleid/568/committee-distinguished-lecture#2093205-committee-roster>

The present co-chairs terms expire after the 2017 ACE. An optimization plan for the committee is underway for the 2016–2017 cycle. This plan has a particular emphasis on accelerating the DL selection timeline (previously mentioned), appointing two vice co-chairs, who will take the committee reins in the 2017–2018 cycle, and continuing to increase the representation from the International Regions.

AAPG 2015–2016 Distinguished Lecturers

Tony Dore

Statoil, London, England
 Topic Category: Future Trends in Energy Geology
 “North Atlantic extension and break-up: challenges, controversies and implications”
 “The Arctic – a tectonic tour through the last great petroleum frontier”
 Europe Tour: May 9–20, 2016

David Ferrill

Southwest Research Institute, San Antonio, Texas
 Topic Category: Tectonics and Structure
 “Mechanical Stratigraphy and Normal Faulting”
 “Mechanical Stratigraphic Controls on Fracturing (Jointing) and Normal Faulting in the Eagle Ford Formation, South-Central Texas, U.S.A.”
 Eastern North America Tour: January 25–29, 2016
 Western North America Tour: April 4–8, 2016

Julia Wellner

University of Houston, Houston, Texas
 Topic Category: Geological Record of Climate Change/Applied Environmental Studies

“Antarctica’s sedimentary archives of past glacial history: Tools for understanding climate change”

“Antarctic Geologic Drilling Programs: Field work in extreme environments and preparing for the next drill site”

“Marine geological record of ice retreat in the Antarctic Peninsula since the Last Glacial Maximum”

Western North America Tour: January 25–February 5, 2016

Eastern North America Tour: March 14–18, 2016

John Holbrook

Texas Christian University
 Ft. Worth, Texas, United States
 Topic Category: General Topic
 “A tale of earthquakes past and yet to come: A cautionary account of New Madrid faulting from the Mississippi River”
 “Funny things meanders do: Process and variability in modern and ancient point bars”

“Time in the rock: A fluvial view toward preservation of time and process in the stratigraphic record”

“New views on old surfaces and the evolving evolution of the sequence stratigraphic paradigm”

“Connectivity within and between channel belt reservoirs: A trip down the Mississippi”

Western North America Tour: November 9–13, 2015

Eastern North America Tour: April 18–29, 2016

Roy M. Huffington Distinguished Lecturer

Dave Cantrell

Saudi Arabian Oil Company, Dhahran, Saudi Arabia
 Topic Category: Reservoir Quality Characterization and Prediction Modeling
 “New Tools and Approaches in Reservoir Quality Prediction”
 “New Tools and Approaches in Carbonate Reservoir Quality Prediction: A Case History from the Shu’Aiba Formation, Saudi Arabia”
 “Dolomites: the Good, the Bad, and the Ugly in Carbonate Reservoir Performance”
 “Microporosity in Arab Formation Carbonates”
 “Digital Outcrop Models: A Tool for Reservoir Characterization and Teaching”
 Asia Pacific: February 7–20, 2016

Shell Distinguished Lecturer

Larry Garmezy

Retired Shell Global Exploration, Houston, Texas
 Topic Category: Integrated Hydrocarbon Systems

"Play-Based Exploration: Applying Depth and Breadth of Geoscience Understanding"

"The Similarities and Differences in the Hunt for Unconventional and Conventional Hydrocarbons"

"Fundamentals of Basin Evaluation and Quantitative Prospect Assessment" (short course)

Western North America Tour: March 21–31, 2016

Eastern North America Tour: April 11–22, 2016

Allan P. Bennison Distinguished Lecturer

Gary Hampson

Imperial College, London, England

Topic Category: Siliciclastics

"Outcrop-Based Reservoir Models: Fieldwork-Derived Numerical Laboratories to constrain and Mitigate Subsurface Uncertainty"

"Re-Interpretation of Sea-Level-Driven Stratigraphic Architectures as the Product of Autogenic Behaviors and Variations in Sediment Flux"

Africa Tour: February 22–March 5, 2016

J. Ben Carsey Distinguished Lecturer

AND

AAPG/SEG Inter-Society Distinguished Lecturer

Barney Issen

Chevron, Houston, Texas

Topic Category: Geophysics

"Re-Thinking the Goals and Methodology of 3D Seismic Interpretation"

"What You Will Do in Your Career Hasn't Been Invented Yet"

"Technology and Innovation Are the Engines That Create Exploration Opportunities: Examples From the Deep Water Gulf of Mexico"

Western and Eastern North America Tour: March 7–18, 2016

Haas-Pratt Distinguished Lecturer

Jeroen Kenter

Consultant, Houston, Texas

Topic Category: Carbonates

"Carbonate Petrophysical Rock Typing Road Map: Flexible and Fully Integrating Geological Attributes, Petrophysical Properties and Dynamic Behavior"

"So Different, Yet so Similar: Comparing and Contrasting Siliciclastic and Carbonate Slopes and Predicting Mineralogy and Texture ahead of Drill"

Middle East Tour: May 9–24, 2016

Dean A. McGee Distinguished Lecturer

Tim Lawton

Universidad Autonoma de Mexico, Queretaro, Mexico

Topic Category: Siliciclastic Stratigraphy/Sedimentology

"The Emerging Story of Jurassic Magmatism and Basin Development, Southern US Cordillera and Mexico"

"Monsoonal megafans and large-scale Late Cretaceous Cretaceous Stratal architecture in the southern Cordilleran foreland basin, United States" Or "Late Cretaceous Fluvial Systems in the Southern Cordilleran Foreland Basin, USA, as a Consequence of Thrust-belt Development and Monsoonal Climate"

"Sediment-dispersal Systems of the Mexican Interior Basin: Late Cretaceous-Paleogene Source-to-Sink Analysis of Northern and Central Mexico"

"Early Permian erg deposits, Paradox Basin, Utah, USA: A Large-Volume Sink For Sediment Delivered to western Pangea by Transcontinental Rivers"

Latin America Tour: April 18–May 2, 2016

AAPG Ethics Lecturer

Pete Rose

Consultant, Austin, Texas

Topic Category: Ethics

"Cognitive Bias, The "Elephant in the Living Room" of Science and Professionalism"

North America Tour: Lectures Available Upon Request

Craig Shipp, co-chair

Matthew Jackson, co-chair

Educational Awards

The Educational Awards Committee was formed in late 2015 by the merger of the Grants-in-Aid (GIA) committee and the Professorial Award (PA) committee. Mike Unger became Chair of the EAC and GIA sub-committee. Carol Wicks was named chair of the PA sub-committee. Victoria French became Vice-Chair of the GIA committee. GIA Chair Emeritus Andy Klein helped the new GIA sub-committee transition to the new leadership.

The PA committee received 19 nominees for the 2016 Professorial Award. Twelve countries were represented and nominees ranged from five to 52 years of teaching experience, with between one and 12 letters of support.

Dr. Stephen Bend, of the University of Regina, received the 2016 Professorial Award. He was cited for his teaching style, the way he fostered healthy competition and the great fun of his courses.

Recommendations from the PA committee this year are to (1) clearly note that letters of support are weighted heavily in the decision process and (2) add a requirement to include syllabi from courses in the nomination process

The GIA sub-committee reviewed 432 applications in 2016. This was down from 475 applicants in 2015. Citizens of 40 countries attending university in 27 countries were represented. The total GIA award budget was \$258,500, up from \$239,000 in 2015. There were 116 who received an average award of \$2,228.

After completing the awarding of grants in the spring of 2016, much attention was focused on revising and updating the GIA application and review process to leverage new tools and technologies. As part of this, both student applicants and reviewers were surveyed to understand their behaviors, needs and desires.

The applicant survey showed that 96% of respondents thought the amount of work required was appropriate; 81% learned more about grant writing while completing the application, and more than 50% worked closely with an experienced grant writer to polish their application. Many felt there was too much repetition between the abstract, project summary and project description portions of the application. There was significant interest in learning how to better write grants, and how they would be evaluated.

The reviewer survey showed that 40% of reviewers have been reviewing for more than 10 years and that most spend between 10–15 hours/year reviewing applications. The majority (65%) would like to see how their scores compare to other reviewers, and 60% would like better tools to evaluate their scoring. There was strong support (88%) for providing feedback to applicants, as well as reducing redundancy of the application.

Based on these results, the 2017 GIA application will be revised to merge the summary and project description sections. In addition, applicants will upload a resume or CV, rather than re-typing or cutting and pasting. Finally, the requirement of submitting official transcripts will be removed, saving the AAPG Foundation support team significant time.

The review process will also be revised for 2017. More focus will be placed on collecting feedback for the applicants—this is after all a learning experience for the students, and it is difficult to improve without feedback.

These changes and updates are currently in progress, and are planned to be rolled out for the 2017 GIA season.

Mike Unger, Chair
Carol Wicks, Chair, Professorial Award Sub-Committee
Victoria French, Vice-Chair, Grants in Aid Sub-Committee

Field Safety

The Field Safety Committee gained consensus on safety related documents for AAPG sponsored field trips. Copies of the pre-activity letter, medical forms, safety acknowledgements, safety-health-environment plan, and emergency response plan suggested formats are available from Global Development at AAPG.

The ACE related field trips in Calgary were endorsed through the committee. The committee also endorsed and suggested alternative transportation companies for use in Calgary.

Work has begun on drafting a second edition of AAPG's *Field Safety in Uncontrolled Environments* book. In the second edition we want to capture more industry field experiences and lay out a simplified process for a broader audience of potential users, both in and out of the petroleum industry.

The Spring 2016 Field Safety Leadership Course offered by ExxonMobil and AAPG was cancelled due to low enrollment. A spring offering of the same course will be offered again in 2017. The tentative date for this course offering will be the week of February 27 or March 6.

David Story

Geophysical Integration

The function of the Committee on Geophysical Integration 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 orders 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 AAPG 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 SEG, EAGE and AGU. To accomplish these goals, the GIC is organized into 3 sub-Committees: (1) AAPG/SEG Joint Sessions, (2) Publications, and (3) Symposia and Workshops.

AAPG ACE Meeting

In the past few years, the Geophysical Integration Committee has done tremendous works for many joint activities between AAPG and SEG, in which the birth of *Interpretation*, a peer-reviewed journal for advancing the practice of subsurface interpretation is a great example. Here are some highlights of 2015–2016 activities of the Committee:

- AAPG Meeting 2015 in Denver, GIC helped to review the abstracts in Geophysics Theme.
- AAPG Meeting 2016, Calgary, GIC framed the Theme 9 for Geophysics with 2.5 days sessions with selected papers from 138 submitted abstracts (Theme 9 co-chairs: Satinder Chopra, Huyen Bui).
- Upcoming AAPG 2017 Meeting in Houston, GIC created Theme 9 – Geophysics “Integration of Advanced Geophysical Techniques and Geosciences for Oil and Gas E&P’s Risk and Cost Management” with the sub-theme:
 - Integration of geophysical technologies and geosciences: innovative theory, workflow and case studies
 - Deepwater, Subsalt, Subbasalt Exploration: Challenges and Case Studies
 - Reservoir Characterization in Clastics, Carbonates and Unconventionals
 - 4-D Seismic and Practical Microseismic
 - Nonseismic methods: Remote sensing, EM, Gravity, Joint Inversion of Seismic and non-seismic methods
 - Seismic sequence stratigraphy, 3-D Seismic Chronostratigraphy: frontier developments, advanced techniques and case studies.
 - Rock physics and Borehole Geophysics
 - Environmental challenges and protection

Joint AAPG/SEG Workshops – AAPG/SEG/OTC Cooperation

The GIC Committee members play key roles in AAPG/SEG Cooperation Committee (Robert Randolph Ray).

The GIC was very glad when Randy Ray, a former chair of GIC was given the Distinguished Member of the House Award by AAPG’s House of Delegates at the 2015 ACE in Denver. His great contribution has helped the integration of AAPG and SEG and for the startup of the SEG/AAPG *Interpretation* journal. Hongliu Zeng, a GIC member will be a deputy EIC for *Interpretation*. Randy Ray, Hongliu, Huyen Bui are on the Editorial Board of *Interpretation*.

The GIC members and extended members are very active and play key roles not just in AAPG but also SEG and OTC.

At the 2015 annual meeting of the Geophysical Integration Committee (GIC), held in Denver during AAPG’s ACE, the committee members, AAPG EC liaison (Steve Brachman) and AAPG staff liaison (Ron Hart) reviewed all the activities and achievements of GIC in the past year and proposed some 2015–2016 activities and new business as follows:

1. Join and Organized the SEG Earth Model Forum 2015 (from GIC’s Bob Hardage, Robert Benson, Huyen Bui) in Vail, Colorado, August 2–5, 2015 on “Rendering Rock Properties for Qualitative and Quantitative Interpretation”
2. During AAPG ACE 2016 in Calgary, GIC also co-organized EMD/SEG/DEG Oil Sands and Heavy-Oil Workshop, “Furthering the Collaborations and Sharing the Learnings”
Publications – Journals

In term of publications, the GIC Committee members play key roles in the SEG/AAPG joint journal *Interpretation* editorial board: Kurt Marfurt, editor-in-chief; Hongliu Zeng, deputy editor-in-chief; Huyen Bui, Linda Sternbach, Donald Hearon, and David H. Johnston.

Most of the GIC Committee members are also active members in SEG and play key roles in the SEG 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:

1. Quantitative reservoir prediction and delineation by geophysical technology integration. Organizers are Jie Zhang, Hougliu Zeng, Abbas Raad, Gene

Skeith, Peter Janak, Rupert Cole, Ken Waddell, and Karl Rettenmaier (Published January 2016).

2. Quantitative reservoir prediction and delineation by geophysical technology integration: By Jie Zhang, Hougliu Zeng, Abbas Raad, Gene Skeith, Peter Janak, Rupert Cole, Ken Waddell, Karl Rettenmaier (Published May 2016).
3. Organized a special section on Unconventional exploration and production: Achievements and remaining challenges for *Interpretation* (Published May 2016). The organizers are Huyen Bui (AAPG GIC), Thomas Klopff (AAPG GIC), Hongliu Zeng (AAPG GIC), Robert Wiener (AAPG GIC), Dario Grana (SEG), and Rodney Johnston (SEG)

In addition, the GIC members (Linda Sternbach, Hongliu Zeng, Santinder Chopra, Huyen Bui and Malleswara Yenugu) are also involved in organizing the other special sections in *Interpretation*.

1. Lacustrine shale characterization and shale resource potential in Ordos Basin, China. Organizers are Tongwei Zhang, Xiangzeng Wang, Neil Fishman, Kitty Milliken, Bob Loucks, Barry Katz, Mingzhen Wei, Hongliu Zeng. Submission deadline: July 1, 2016 for Issue May 2017.
2. Have been organizing a Special Section on Seismic Inversion with the title "Conventional Seismic Impedance Inversion and Advanced Seismic Inversion Techniques: Developments, Workflow and Case Studies" for *Interpretation* (Issue August 2017). The organizers are Huyen Bui, Arthur Weglein, Oswaldo Davogustto Cataldo, Sunil Kumar, Scott Singleton, Malleswar Yenugu, Samarjit Chakraborty, and Ramses Meza.
3. The South China Sea Deep-Water: Stratigraphy, sedimentology, and resources. Organizers are Guangfa Zhong, Hongliu Zeng, Shiguo Wu, Char-Shine Liu, Weilin Zhu, Shengxiong Yang, Xinong Xie, and Haibin Song (Published August 2017).
4. Computer-assisted seismic interpretation methods. Organizers are David Johnston, Geoffrey Dorn, Sergey Fomel, Jesse Lomask, Murray Roth, and Tracy Stark (Publication August 2017).
5. Randy Ray is forming the editorial committee for reviewing the papers for URTEC 2015 and 2016 in San Antonio, and subsequently organizing a special section for *Interpretation* (Publication 2017).

Beside the key members listed officially in the AAPG website, the Geophysical Integration Committee has many other extended members, who always have innovative ideas and make great contributions for GIC's successes. With the support of AAPG, GIC always achieves good works to ensure integration is the key component in geoscience for the coming years.

Huyen Bui, Chair

GIS Publications

The GIS Publications committee and Datapages, under the leadership of the Elected Editor and Geoscience Director, solicit and evaluate proposals for publications, recommend standards for format and quality, and ensure quality and rigor through peer review. (1) Improve quality of GIS publications by soliciting many proposals and increasing selectivity from among these. (2) Manage expectations for acquiring and publishing GIS material. Develop and implement standards for quality and for technical review. (3) Create a global network of GIS committee members and collaborators from industry, academia, and geological surveys. (4) Partner with the print-focused Publications Committee to produce joint print and GIS projects whenever practical. (5) Contribute to the management of consortium funds by providing two AAPG GIS Committee representatives to sit on the OSU-AAPG Consortium Advisory Board; high-grade Datapages and GIS Publications Committee project funding proposals and liaise with the OSU consortium cartography department to ensure production of high quality and timely results.

Accomplishments Committee Focus

- Soliciting /peer review /publish externally-funded GIS projects
- Peer reviewing / publish projects funded by the OSU-AAPG Foundation GIS/ Geosciences consortium.
- Support AAPG Datapages Exploration Objects (DEO-GIS) portal initiative.

OSU – AAPG Foundation GIS/Geosciences Consortium

A main focus of the GIS committee has been to solicit and review projects funded by the consortium. The captured and peer reviewed projects are

published to the GIS open-file library and to the GIS-UDRIL/DEO-GIS (subscription) libraries. Significant operational improvements were realized by the OSU cartography department, leading to a marked increase in productivity and output quality.

Completed, published to GIS Open-File library:

- Avary, K.L., 2016, *Geology and Maturity of the Devonian Appalachian Shales*
- Robertson Tellus Sedimentary Basins of the World, 2016 – Updated dataset Capture completed, peer review in progress:
- Higley, D., 2016, RMAG "Red Book" Stratigraphic Atlas
- St. John, B., 2016, *Geology of Ethiopia* Capture in progress, peer reviews planned 2016–2017:
- Minch, J., 2016-2017, AAPG Geological highway map series (four maps) Proposals Submitted
- Avary, L., *The Atlas of Major Appalachian Gas Plays*
- Eungard, D.W., *Washington State Coal Mine Mapping*

Earth Science and Energy GIS Resources on the Internet

The GIS Publications Committee has compiled a list of URLs to allow geoscientists quick and easy access to earth science and energy GIS resources. This list will evolve and we welcome contributions from the AAPG membership for inclusion on this list. The list of resources includes links to data from various US government sources, such as the US Geological Survey and US BLM, to software resources, and finally GIS and Geosciences events of interest.

GIS Review Guidelines

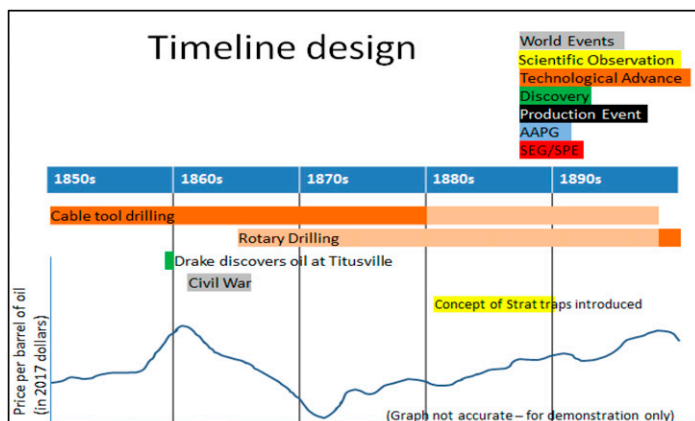
In order to assist the committee members and other AAPG members involved in review of GIS publications and datasets, a set of GIS Review Guidelines were developed. These guidelines were presented at the annual committee meeting. Discussion on the guidelines will continue during the upcoming year.

AAPG Datapages DEO-GIS portal

AAPG Datapages successfully rolled out the DEO-GIS portal to industry in 2014. An update on the status of DEO-GIS was presented at the annual meeting.

AAPG Digital Immersive Geosciences

AAPG Datapages presented a demonstration of a new initiative, Digital Immersive Geosciences (DIG). This software application will allow for the delivery and display of three-dimensional geological information in a web interface,



which can be used in a smart phone or tablet. There was great interest of the new application at the committee meeting and also at the AAPG booth in the Exhibit Hall at ACE.

Summary

Going forward, with the structure and protocols now established to publish serious GIS-based geographic, geothematic and global framework projects, the committee will continue to solicit high-impact projects, with a focus on developing joint publishing opportunities with the USGS, EMD, DEG, and print publications. The committee will also support the new initiative for the establishment and publication of the AAPG "Journal of Data," a publishing umbrella that will encompass not only GIS products but also any digital data deemed important and significant to the advancement of petroleum geosciences.

Lastly, members of the committee are to be commended for their dedication and professionalism, and commitment to AAPG and the development and integration of GIS technology in petroleum geosciences.

James McDonald, chair

History of Petroleum Geology

The purpose of the Committee is to preserve and promote the history and heritage of the evolution of geological concepts and technologies used in the search for oil and gas worldwide, and honor the memory of the men and women who caused this evolution.

The Committee's primary activities are conducting successful special sessions on the history of petroleum geology at AAPG conventions, coordinate the publications of articles in the "Historical Highlights" column of the *AAPG Explorer*, and a wide range of special projects.

The committee's webpage is <http://www.aapg.org/about/aapg/overview/committees/details/articleid/577/committee-history-of-petroleum-geology>

Committee Membership

The AAPG HoPG committee had 15 members throughout the year: Peter Baillie, Brian Blackstone, Janet Coombs, Robbie Gries, Amanda Haddad, Rog Hardy, Bob Hatcher, Hans Krause, Piotr Krzywiec, Don Lewis, Pete Rose, Raymond Sorenson, Rasoul Sorkhabi, Clint Tippet, Jim Tucker.

Conference Activities

HoPG at the September 2015 AAPG/SEG ICE in Melbourne

The Monday morning opening session focused on the 50th anniversary of the three main producing basins in Australia, namely, Gippsland, Carnarvon and Cooper, as well as South East Asia. The session was named in honour of Reg Sprigg, an Australian petroleum pioneer and was attended by approximately 300 people. The session was chaired by Steve Mackie and Robert Seggie.

HoPG at the April ICE in Barcelona

This very successful session of eight European-focused papers was split between Tuesday morning and afternoon. Lively discussion ensued. Piotr Krzywiec and Robbie Gries were session chairs.

Hopg at the June 2016 aapg ace in calgary

The Sunday afternoon session was again successful. We had 6 excellent

papers and the peak attendance was also about 250 persons. Clint Tippet and were the session chairs.

HoPG at the September 2016 AAPG/SEG ICE in Cancun

Two sessions are planned on Wednesday afternoon with nine Latin America and Caribbean focused papers slated. Scott Thornton and F. Olivares Perez will chair.

HoPG at the April 2017 Centennial ACE in Houston

Rog Hardy is working with AAPG staff and conference chairs for optimum coordination on the theme of history and heritage. Rog, Bob Hatcher, and Amanda Haddad are tentative chairs.

HoPG at the October 2017 ICE in London

Piotr Krzywiec is laying preliminary groundwork with conference chairs about the session and possible field trips.

Historical Highlights in AAPG Explorer

Hans Krause continues to coordinate the publication of 12 monthly articles on items of petroleum historical interest in the *AAPG Explorer* and keep a pipeline ready for submission. As in years past, they covered a broad series of topics from around the world.

Coordination with the Petroleum History Institute

HoPG is working closely with PHI to cross-promote conferences and share resources, including their upcoming conference in Casper in July.

Construction of a Digital Timeline of the History of Petroleum Geology

Amanda Haddad, YP committee member, has made excellent progress in compiling a timeline of the major advances in petroleum geology since the 1860s. The timeline will highlight high-level advancements such as the replacement of cable tools with rotary drilling as well as major discoveries and key scientific observations in petroleum geoscience. This effort grew out of Amanda's work on the PROWESS Committee.

The timeline is designed like a Gant chart with bars for each "event" which are color coded according to the type of "event". The timeline may also include the historical price of oil (in 2017 dollars). The

timeline should be ready for peer review in the next year.

Support of the Possible 2017 Exhibit at the Houston Museum of Natural Science

Unfortunately this wonderful idea of committee member Janet Coombs will not go forward in time for the AAPG Centennial because of potential sponsor budget cuts. It is on our radar for more robust times.

New Initiatives

Less progress has been made on these initiatives, but they are on the committee's radar:

- Better organization of references and links to subjects of history on the AAPG website.
- An annotated bibliography of key references in our history.
- New ways to honor our men and women pioneers, and possibly raise money for the foundation in the process.
- A stronger "reach-out" to sister history organizations and museums.
- Monitoring the evolution of SIGs and TIGs within the AAPG and adjusting the committee accordingly.

Rog Hardy, chair

Imperial Barrel Award

Interest in AAPG Imperial Barrel Award Competition continues to increase and the quality of the teams taking part in the competition continues to reach new levels. The number of teams participating this year increased from 137 to 162, representing 50 countries. It is estimated that over 800 students participated in, and benefited from, the program worldwide. All Sections and Regions were represented at the Global Competition at ACE in Calgary. There was \$527,000 raised in sponsorship, which is \$244,000 less than last year as a direct result of the economic situation now facing the industry. Twelve companies provided software in support of the program and a number of others provided facilities in which to conduct the semifinal competitions. Many cost-cutting strategies were implemented to adjust the program according to the prevailing economic climate. Despite the drastic decrease in sponsorship, the IBA program was able to conclude with a slightly positive income overall for the year. We expect 2017 to be another tough year for sponsorship for the IBA Competition.

The committee is addressing the financial viability of the IBA program in consideration of the current economic climate. Some Regions reduced expenses associated with the semi-finals by conducting all or part of their competitions remotely, and this might need to be expanded in the future. The Sponsorship Subcommittee is working with the AAPG Foundation to set up an endowment fund to provide a steady income to support running the IBA program. We are also discussing the continuation of multi-year commitments with our major corporate sponsors.

The IBA Committee consists of 18 members who each had responsibility for at least one major function within Education, Student Support, Datasets, Software, Sponsorship, Website, and Judging. The committee held meetings via WebEx every month between August and May and met face-to-face after the final competition in Calgary in June. The majority of discussions at the committee meetings focused on logistical issues, team member exceptions, and potential changes to the Rules and Operational Procedures. Supporting the committee are now 28 IBA Coordinators, who are each responsible for the organization and execution of the Section and Region competitions as well as identifying sponsorship opportunities. Regular monthly meetings were held with the Coordinators via WebEx to deal with local issues within the Sections and Regions.

Ten datasets were used this year. We continue to look for new datasets to update the collection because universities cannot be given data that they have used in previous competitions. The Australian Department of Mines and Petroleum has provided access to data from which we have created new datasets for the 2017 competition, and an additional dataset has been offered from industry.

AAPG Datapages again provided teams with access to their online database of information and literature. An online play-based exploration training package was developed by Shell and provided to IBA teams. Two additional courses targeting evaluation of structure maps and basin evaluation were also developed this year by Bob Shoup with Subsurface Geological Consultants. Webinar videos and other training materials covering the geoscience skills needed for the IBA are covered in these courses and are available to all participating IBA teams.

Following an annual review by the committee, a few minor changes were made to the Rules and Operational Procedures (R&OP) and the Judging

Guidelines for implementation prior to the 2017 competition.

The IBA is having significant impact in attracting talented students into petroleum geoscience and growing AAPG student chapters. We are proud to have several former participants now among the IBA committee and coordinators, and I thank the committee, coordinators, AAPG staff, sponsors, and many others for their dedication and commitment to this important and worthwhile educational program.

Kristen Wooden, chair

Membership Career Services

To continually develop and maintain a portfolio of career-oriented services and programs that promote AAPG as every member's Career Partner for Life. The Career Services Committee is to continually develop and maintain programs and services in the following core areas: (1) job posting service; (2) resumé posting service; (3) member registry of skills and experiences; (4) career counseling services; (5) employment statistics services; and (6) other programs/services for member career improvement. This committee's programs and services are to be designed to be user-friendly to current members, as well as attractive to potential members, and establish a strong commitment of mutual need between AAPG and its members.

I'm pleased to report that the Membership Career Services Committee is gaining strength in numbers in 2016 and we are all on board to continue the committee's goal of making AAPG every member's "Career Partner for Life." Over the last year, we worked hard to come up with new and inventive ways to help members with their careers as the downturn affected many. Our committee is continually committed to achieving AAPG's strategic long-term goals to geoscientists worldwide, and hopefully our work will not only encourage current members to value and retain their membership but also attract new members.

Since the committee's inception in 2003, we have built and implemented a tremendous career service portfolio, and fulfilled our initial mission of establishing

the AAPG Career Center online at our AAPG website. We have developed this site over time to be more useful and the site has seen many changes. Members can still post and review job opportunities and post their resumes and register their skills in our member registry and guidebooks are available. These efforts took several years to accomplish, but are now the core of the Career Service portfolio for the membership.

At the very beginning of this recent economic downturn, around the beginning of fiscal year 2016, the Career Service Committee sprung to action to try to get as many resources out to members as possible. The online Career Center was drastically updated with links to all job posting boards available along with an extensive list of recruiters in all major oil industry cities. An initiative was started at the beginning of this year to get more articles in the *AAPG Explorer* covering specific career related issues. As a committee, we have had four articles in the *AAPG Explorer* and we hope to continually contribute more useful career related articles. During the year, we considered transforming the committee into a special interest group but decided the committee structure is sufficient.

Also in the past, the committee has proposed to the EC to add two more critical services to our mission statement – a Career Counselling Services and Employment Statistics Service for the membership. Due to budgetary constraints this was not viable but hopefully when favorable market conditions exist, this proposal can again be brought up for discussion and approved. In our view, the probable net surplus projection of this position makes it an attractive and viable option for the future and we would like to see the online Career Center through the AAPG website someday be as profitable and popular as other specialty career sites such as *rigzone* or *indeed.com*. The idea of a retirement service has also been discussed but development is currently paused.

A big venture that the Career Services Committee undertook with the DPA was a career development forum at AAPG ACE in Calgary. The initial issue we hoped to tackle was the difference between taking a managerial vs. technical path during your geologic career but the session evolved into an open-air discussion of careers in general. Over 45 people attended and the diverse panel really helped to give good advice and help many members at different career stages. We hope to hold another similar forum in the future.

We feel that the Career Center, though very useful in the past is ready for revitalization and we would like to see many more resources available at the next meeting not only to recent graduates but to members in every stage of their careers. We would like to break the resumé postings up by specialities and by years of experience and we would like to also have resources in the room for people trying to start their own independent companies. As a committee, we were delighted that our EC Liaison Bob Shoup updated Jim Gibbs *Independent Geology Handbook* and we are happy this resource is available to members. We hope to continue our efforts in 2017 of making AAPG every member's "Career Partner for Life."

Jessie Holland, chair

Membership Young Professionals

This annual report of the Membership Young Professionals Committee aims to provide a high level overview of the activities that were organized in the 2015–2016 fiscal year. For further details feel free to contact the committee chair.

The 6th Young Professionals Leadership Summit was hosted in Houston on October 22–25, 2015. Braving a hurricane, 11 YPs from various Sections and Regions – and from a variety of companies – discussed the way forward for YP initiatives in AAPG. At the core of the YPLS program were the breakout sessions, in which the YPs discussed, with great enthusiasm, topics such as "AAPG's Value Proposition" and "Surviving the Downturn." The YP participants laid out a vision for the newly established Young Professionals Special Interest Group (YP SIG), which included four major focus areas: technical excellence, membership recruitment/retention, external partnerships, and development. The participants then also had the opportunity to contribute to the AAPG mid-year business meeting during the following weekend.

At the Annual Convention and Exhibition in Calgary on June 19–22, 2016 the Young Professionals had one of the most ambitious YP programs to date. On Saturday, a YP only field trip to outcrops of the Burgess Shale at Stanley Glacier and Marble Canyon tested participants fortitude as they hiked through rain, hail, and sleet. Sunday, the popular Meet 'n

Greet drew a crowd of several hundred people prior to the opening ceremony and icebreaker reception. Later that evening the YP Networking Reception, held at the Unicorn Sports Cantina, drew another 250 people for lively discussions with new and old friends. All three YP events were generously sponsored by Noble Energy. Finally, on Tuesday, a special YP Focus Session on "How to Build Your Own Business Opportunities" presented by AAPG's Susan Nash engaged participants on remaining competitive in a tough job market.

Communication with the membership is another key task of the committee and we do so through a series of articles in the *AAPG Explorer's* ProTracks columns, as well as maintaining an active online presence on Facebook, LinkedIn and the brand new AAPG website. This year the committee has been especially cognizant of the downturn that has greatly affected our membership. ProTracks articles on "Riding Out the Bust," "Finding Opportunity in Downturn," "YPs Urge Unemployed to Persevere," and "Stemming the Loss of YPs" directly address the concerns of YPs during the current downturn.

Last but not least, the committee has an important role as a conduit for sharing information between the Section 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:

- Asia/Pacific Region – Technical Workshop series covering topics such as geosteering technologies, mature field and EOR, and the art and science of exploration.
- Canada Region – Host YP Group for ACE Calgary with a four-event YP program including a field trip, Meet 'n Greet, YP Networking Reception, and YP Focus Session.
- Europe Region – Providing YP mentors in collaboration with PESGB to the NERC's Centre for Doctoral Training.
- Latin America Region – Regional Young Professionals Leadership Summit in Bucaramanga, Columbia, which focused on the benefits of AAPG, best practices of YP Chapters, and leadership and sustainability.
- Middle East Region – Comprehensive YP program for GEO 2016 in Bahrain including technical and non-technical short courses, core workshop, Meet 'n Greet, and panel sessions.

- Eastern Section – Joint YP/DPA event focused on mentoring and career development.
- Gulf Coast Section – YP Technology Conference in collaboration with the HGS NeoGeos supporting the AAPG Student Expo in Houston and a joint networking event with Houston SPE YPs.
- Mid-Continent Section – 4th annual YP Energy Forum in collaboration with SPE and YPE with over 300 attendees.
- Pacific Section – Networking events including a panel of experienced professionals on surviving in the current downturn.
- Rocky Mountain Section – Screening of industry film, *Fractured* with a Q&A session with the Colorado Oil and Gas Association.
- Southwest Section – Numerous networking events including hosting the DGS Crawfish Boil, which drew over 250 participants and over 700 pounds of crawfish.

Going forward the YP SIG will continue to focus on the four focus areas that originated from the 6th annual YPLS as well as to meet the needs of our members in a challenged industry climate.

Jonathan Allen and Meredith Faber, chairs

Preservation of Geoscience Data

The mission of the AAPG Committee on Preservation of Geoscience Data is to promote collection, preservation, and utilization of samples and cores as well as those data directly attributable to this rock material to include core analysis, sample descriptions, and stratigraphic assignment. Specifically inclusive, would be photographs, petrographic data and descriptions, photomicrographs, porosity, permeability and other rock data all of which could be digitized and stored in compact storage facilities. A priority is placed on identifying established repositories and constructing automated linkages between potential users and the data listings of these archives. The Committee will encourage and support both the AAPG membership and any other individual or appropriate organization in accomplishing this mission.

Annual Committee Meeting

The annual committee meeting was held on Tuesday June 2nd, 2015 at the annual AAPG ACE Meeting in Denver. Steve

Allen chaired the meeting. The minutes from the previous meeting were read and agreed and a number of topics discussed. It was felt that the committee should be more visible and active and a number of initiatives were suggested and discussed, including the utilization of the AAPG website to promote and promulgate data preservation topics, standards and recommended practices.

The bulk of the meeting discussed ideas and plans for the forthcoming 2017 AAPG Centennial Celebration and what the Preservation of Geoscience Data Committee could do as an activity for the celebration.

It was agreed that the committee would put on both a core display, reflecting different reservoir types representing major oil field discoveries for each decade, and a data display reflecting changes in data media, storage capacities and volumes over the last 100 years from paper and analogue to digital high capacity media such as 3590's.

Beverly DeJarnett has kindly agreed to spearhead the core display, we have arranged with the organizing committee to have ten tables, one for each decade, There will be display boards behind each table on which we can put reprints of published papers for the fields, well logs, or other supporting material. The cores will be protected by Plexiglas covers. Cores for display will be collated and stored at the Bureau of Economic Geology core store in Houston for shipment down to the convention center at the time of the event.

Wayne Cross has agreed to assist in the collation of various data storage media, these will also be displayed on ten tables covered by Plexiglas to protect them with display boards behind. It is assumed these will be back to back with the cores and displayed in the exhibition hall at the convention.

During the course of 2015–2016 we have seen several committee members stand down as the industry goes through an extended downturn. It is important, therefore, that we all try to recruit new members to the committee to replace these and to keep the aims and purpose of the committee alive.

It is also with great sadness that I have to report that one of our long-standing and active members, Lee Allison of the Arizona Geological survey passed away on Tuesday August 16th after suffering a head injury caused by a fall at his home. He will be greatly missed by his wife, Ann, his family, and this committee.

Current Mission Statement for the Preservation of Geoscience Data Committee

The mission of the AAPG Committee on Preservation of Geoscience Data is to promote collection, preservation, and utilization of samples and cores as well as those data directly attributable to this rock material to include core analysis, sample descriptions, and stratigraphic assignment. Specifically inclusive, would be photographs, petrographic data and descriptions, photomicrographs, porosity, permeability, and other rock data all of which could be digitized and stored in compact storage facilities. A priority is placed on identifying established repositories and constructing automated linkages between potential users and the data listings of these archives. The Committee will encourage and support both the AAPG membership and any other individual or appropriate organization in accomplishing this mission.

The next committee meeting is scheduled for the AAPG ACE meeting in Calgary in June 2016.

Steve Allen, co-chair

PROWESS

The mission of the PROWESS committee is to increase participation and advancement of women in Earth sciences and the Energy Industry, with an emphasis on education, outreach, support, leadership development, and ultimately retention. The PROWESS Committee will interact with women in Earth Science, their male peers and employers, educational institutions, and professional societies to accomplish this mission.

There are currently 45 PROWESS members and multiple projects being worked by the Committee to promote our mission statement. Below is a summary of our 2015–2016 activities.

ACE in Calgary (June 18, 2016)

A co-sponsored single day short course with AWG titled "Decision and Risk Analysis in Uncertain Times", taught by Andrew Burton and Jeff Cooke with ConocoPhillips was held. Chevron and ConocoPhillips co-sponsored the course, both donating \$5000. There were 22 registrants (16 professionals, 6 students). The course consisted of three modules designed as role playing for participants to be members of a project team and decision board team

to understand what questions are important for each team to answer (and ask) in order to best inform the decision makers when large-scale decisions need to be made.

The committee co-hosted the Women's Networking Reception "Diversify Your Network" with AWG and SEG Women's Network Committee. Schlumberger sponsored the event with \$10,000. The vice president of SLB Western Canada (Mark O'Byrne) spoke along with representatives from AWG (Denise Cox) and AAPG-PROWESS (Barbara Tillotson). There were approximately 90 attendees at the event (110 registrants) and positive feedback was received afterwards.

ICE in Barcelona (April 2016) and Cancun (Sept 2016)

PROWESS co-sponsored a women's panel in Barcelona with SEG Women's Network committee titled "The Rocky Road To Success; Women Beyond Geosciences." PROWESS assisted in finding panel participants.

We co-sponsored a Women Geoscientist's Panel in Cancun with SEG Women's Network committee. The theme centered on career coaching and diversifying your geoscience experience during industry downturns. PROWESS took the lead in planning the event: panel representatives, facilitation of event, questions for panel, etc.

Pioneering Women in Petroleum Geology

This project is being led by Robbie Gries.

Timeline

Amanda Haddad and Robbie Gries have collected photographs and information of the first 100 women petroleum geologists for a hallway display to highlight their accomplishments over the past millennium for the Brown Convention Hall during 2017 ACE.

Book

Robbie has continued to work on a book covering the history of pioneering women in petroleum geology, 1917–1987 and celebrating the presence of women in petroleum for 100 years Denise Cox and Kumkum Ray are helping with critical editing. The goal is for it to be released for the 2017 ACE meeting celebrating the 100th AAPG Anniversary.

Documentary

Robbie with the help of "producer/director" Vern Stefanic and videographer, Matt Randolph, are preparing

a documentary on pioneering women in petroleum geology, also to be released during the ACE 2017 Anniversary celebration. The AAPG Foundation and AAPG are generously supporting this project.

PROWESS Representation

The chair of PROWESS, Barbara Tillotson, participated in the Women's Breakfast Panel at the annual SEG conference in New Orleans in October 2015. Panel participants included a representative from PROWESS, AWG, SPWLA, SEG, and EAGE. There were 80 attendees at the breakfast.

There were two articles in *AAPG Explorer* highlighting PROWESS. In the October 2015 issue, Yang Yi, the first female petroleum geologist in China was featured in an article titled "PROWESS Honors China's First Female Geologist", written by Heather Saucier. In the May 2016 issues, multiple past and present PROWESS leaders were interviewed to talk about the role of PROWESS and the need to maintain its presence in the industry. Those interviewed in an article, written by Emily Smith Llinas, were Marjorie Chan, Robbie Gries, Barbara Tillotson, and Jeffery Aldrich.

Other PROWESS Projects In Progress for 2016–2017 Year Completion/Implementation

- Participation in Earth Science Week (October 2016)
- 2017 ACE Short Course, Reception Planning and Pioneering Women Event (April 2017)
- E-mentoring Program & Returning from Work After Hiatus (working with other AAPG groups to advance)

- Conversion of PROWESS from a Committee to a Special Interest Group

Barbara Tillotson, chair

Publication Pipeline

The mission of the AAPG Publication Pipeline Committee is to improve geoscience education in developing countries by providing used geoscience books and periodicals at no cost to university libraries and other libraries that request them. Because of war or civil unrest, lack of funds, fire or other natural disasters, many overseas libraries are in need of basic library resources for use in higher education and training so important to continued development of their countries. As North American geoscientists retire and companies consolidate, many libraries are available for donation, or they will be discarded. The AAPG Publication Pipeline committee collects, inventories, boxes, stores, and sends donated geoscience periodicals and books to university libraries and other libraries overseas for use by students, faculty, and researchers. The committee raises funds to help with this work and we arrange shipment of publications overseas by companies as part of their shipments to areas where they operate. The AAPG Foundation receives donations of hardcopies only of periodicals, books, journals, and maps. We are Geoscientists helping Geoscientists.

Goals

The Committee's primary goal is to be a "pipeline" of donated geo-technical





publications to requesting and qualified overseas universities. Inherent in this is an efficient process for intake, inventory, and shipping. In order to meet this goal the Committee obtains sponsors for shipments.

The Committee encounters ongoing logistics challenges that are often reactive to the timing of generous donors and sponsors of shipments. Therefore we have no set timetable for sending a certain tonnage but are on track to increase the number of shipments in 2016. 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 11 committee meetings in Houston from July 2015 through June 2016; in addition we have held Saturday work sessions at our warehouse to sort, box, prepare, and inventory publications. Our new, independent and consolidated warehouse is in the western part of Houston; we occupied it after moving out of the Houston Food Bank near the end of our previous reporting period.

Over the past 12 months we have continued to receive a steady stream of donations of publications from individual donors, for which lists are available and letters of acknowledgement are being sent. We recently have been offered sizable donations of publications from various institutions.

Since moving into our new warehouse, we have prepared and shipped more than 90 pallets (nearly 70 tons) of publications to 6 new recipients in 5 countries. These include shipments to Yangon, Myanmar; a consortium of universities in Nigeria; Universiti Teknologi Petronas and U. M. Sabah in Malaysia; ITC in Cambodia; and University of Dhaka in Bangladesh. The massive shipment to Myanmar consisted of 60 pallets full of a complete library donated by the Texas Bureau of Economic Geology, enhanced by a few pallets from other donors to fill out the containers; this huge amount of printed material was sponsored by Chevron, Schlumberger, and Statoil Norway. For the 20 pallets to Nigeria, shipping was paid for by combining earlier contributions from Shell with support from AAPG Africa Region and the PPC itself. The other shipments were sponsored by Petronas and PetroEDGE (Malaysia), Kris Energy (Bangladesh), and the Indonesian Petroleum Association (IPA) for Indonesia, for which we thank them. We could not do this worthwhile work without such support from these industry leaders. Several photographs from recipients show their appreciation and happiness at the arrival of the donations, which we facilitate on AAPG members' behalf.

Currently we are preparing to make shipments to universities in Malaysia, South Africa, and Uganda; we are working on logistics for Egypt, Democratic Republic of Congo, and Cameroon. Interest has been expressed for Mexico, Cuba, and Tanzania. We had hoped to

ship to the University of Juba in South Sudan, but have put it on hold due to the recent flare up of civil war there. Such unfortunate events are part of what causes such a need to replace books and journals, and help revive centers of learning.

We note with special pride that during this past year we held a celebratory party at our warehouse for having 161 tons shipped. For this "open house" we were happy to have quite a few new people attend, including young professionals, and representatives from AAPG, including staff liaison David Lange who presented us with a certificate of appreciation. Several of the YP's have joined our Committee, contributing greatly with their energy and enthusiasm.

Additional Volunteers Needed

Although we have had the pleasure of welcoming some new members to the Committee over the past year, we have an ongoing need for two separate kinds of additional volunteers in Houston: (1) prospective new committee members to participate in our monthly work session/ meetings, and, (2) volunteers to work in the warehouse moving boxes, assisting in the inventory process, and palletizing in preparation for shipment.

Art Browning, chair

Research

The function of the Committee on Research is to monitor activities in geological research relating to exploration and production of petroleum and other energy minerals; to promote the interchange of research ideas through conferences, and the distribution of research information through symposia; to assist other AAPG committees with matters pertaining to research activities; and to initiate, sponsor, and cooperate with other organizations in gathering data and preparing reports on subjects of interest to geoscientists. The committee consists of two subcommittees: (1) Reservoir Deformation Research Group and (2) Unconventional Gas Research Group.

During the July 2015–June 2016 fiscal year, one AAPG Hedberg Conference was

held. Titled “The Future of Basin and Petroleum Systems Modeling,” the conference took place in Santa Barbara, California in April 2016. This conference focused on knowledge sharing across multiple disciplines, and identification of concepts, workflows and technologies to explore new solutions and improvements in basin and petroleum systems modeling.

A joint Hedberg/SEPM Research conference was held in Santa Fe, New Mexico, in October 2016. The conference goal is to identify potential new research and techniques that can be applied to improve unconventional shale reservoir exploration and development, and to ensure that knowledge and best practices from other areas of shale science are utilized effectively.

Another Hedberg Conference titled “Fundamental Controls on Shale Oil Resources and Production” was approved and scheduled for April 2017 in Beijing China. This conference aims to stimulate new ideas and joint industry-academic ventures that can accelerate the exploration and development of shale oil resources in mature petroleum source kitchens in petroliferous basins.

Four concepts have been discussed for future Hedberg conferences, one of had been submitted as a proposal and sent back to the conveners for revision. None are as yet approved.

The AAPG Research Committee members are ready and willing to help with abstract review and technical program organization for AAPG conferences upon request. Three members of the RC served as theme chairs for the Technical Program Committee for ACE 2016 in Calgary, and RC members reviewed over 1,000 abstracts for the technical program, as well as chairing numerous sessions. One RC member is currently on the Technical Program Committee for ACE 2017 in Houston.

The AAPG Research Committee held a physical meeting on June 22, 2016, at the 2016 AAPG ACE in Calgary. Eight members, one guest from another professional society, and the AAPG staff liaison attended. Discussion focused on the Hedberg conferences for 2016 and 2017, future Hedberg concepts, and the future of the Research Committee. The current Research Committee resulted from a merger of the Research and Technical Advisory Committees. The combined RC is currently discussing its mission statement, overall role in the AAPG, and membership numbers, qualifications, and tenures. We hope and expect this process to be completed in 2016.

John R. Suter, co-chair
Jean Yves Chatellier, co-chair

Reservoir Development

The function of the Committee on Reservoir Development is to promote and support the importance of cost-effective and integrated development of oil and gas reservoirs and fields by working with the Research Committee, Education Committee, Publications Committee, and with other professional societies such as SPE, SPWLA, SEG, and EAGE. Projects could lead to the proposal and development of technical sessions, workshops and short courses at meetings and conferences, in preparing proposals for Hedberg Conferences and special publications. Other efforts should involve seeking authors for technical papers for the Bulletin, especially contributions to E&P Notes, demonstrating the significance of the design of integrated reservoir and field wide development strategies. Specific projects should be; to sponsor an Archie Conference once every two years; and to work with the Digital Geoscience Committee in developing a catalog of reservoir and field analogs in digital format.

Highlights

Landmark Committee Meeting

- The committee met for the first time in several years at the 2016 Annual Conference and Exhibition (ACE) in Calgary. There were seven people in attendance (including potential members interested in joining the committee).
- The next meeting is scheduled to hold at the 2017 ACE in Houston

Intra-Committee Communication

- The intra-committee communication project which commenced last year was completed with the setup of a “MyAAPG” page.
- Traditional emailing however remains a more efficient means of communicating with committee members.

Conferences

- Committee members participated and played leading roles in several industry conferences during the course of the year, the more notable ones being the AAPG ACE in Calgary, Canadian Society of Petroleum Geologists Geoconvention, SPE international and unconventional resources conferences, EAGE conference, Carbon summit

Istanbul and Pan American mature fields congress in Mexico.

- The committee plans to organize a reservoir development luncheon and workshop at the 2017 ACE in Houston.

Continued Member Outreach and Appointments

- Member appointment process was delayed due to pending approvals from the AAPG President approval.
- Membership requests from non-AAPG members remain unprocessed, although those interested people were encouraged to apply for AAPG membership (and therefore be eligible for committee appointment).
- Four new potential members are currently working through various stages of the membership application process.

Technical Interest Group Reformat

- As one of the means of exploring opportunities to allow more access and facilitate participation in the committee, members agreed to a reforming of the committee into a technical interest group (TIG).
- The TIG focus would still remain reservoir development.
- A TIG application has been submitted to the Executive Committee Liaison for further processing and approval.

Comments

The Reservoir Development Committee is growing and is expected to consolidate into an impactful unit in AAPG in the short to medium term. Communication issues were encountered during the 2015–2016 year due to AAPG staff re-organization. The committee will in the coming year continue to seek ways to improve on channels of communication with other AAPG committees such as Research, Education, and Publications. Effort will also be made to leverage on collaborative opportunities with AAPG affiliate societies, with the intent of contributing to discussions and knowledge sharing through publications and articles on reservoir development in oil and gas fields.

Sochi C. Iwuoha, chair

Resource Evaluation

The function of the Committee is to provide input and facilitate U.S. Government agencies and other appropriate agencies in performing assessments and monitoring the status of U.S. and international hydrocarbon

resources. The committee may publish resource estimates only if they are fully documented with appropriate maps, statistics, and explanation of methodology.

The CORE committee work during the past year has focused on two multi-society projects. (1) SPEE has taken the lead in developing their Monograph 4, which addresses all aspects of unconventional resources. One chapter in that Monograph is dedicated to evaluation of those resources, and the CORE provided review and input for the final draft of that chapter. (2) SPE's OGRC committee is spearheading an effort to revise and update PRMS. CORE provided review and input for the final draft of that document as well.

The CORE normally meets each year at the ACE. We did not meet in Calgary this year due to poor conference participation across the committee's membership.

Brenda Pierce withdrew as the USGS representative on the CORE. Her designated replacement, Douglas Duncan, was not an AAPG member and it required several months for that to be remedied. He was added to the committee in October.

We reached out to the EIA in order to solicit participation from their organization in CORE activities, but they have not been responsive. Further attempts to engage them will be undertaken in the coming months.

The BOEM has revised their methodology for evaluating offshore resource potential. They have been urged several times to request a review but have not done so, largely because their representative on the committee, who is also the head of the resource evaluation team, lost his home to flooding last year and has not been focused on a review.

Alexei Milkov, who is now at Colorado School of Mines, has asked to join the CORE and will be invited shortly.

John Curtis, who chaired the Natural Gas Committee at CSM, has retired. Alexei Milkov may be picking up those activities, but that is not yet clear.

John Schuenemeyer has withdrawn from the committee. This leaves a serious hole in the committee expertise. He needs to be replaced with people who have strong quantitative math and statistical skills, and no likely candidates are obvious.

W.C. Rusty Riese, chair

Visiting Geoscientist Program

The function of the Committee on Visiting Geoscientist Program is to provide college and university students worldwide a balanced picture of geosciences in the petroleum, energy minerals, and environmental industries; provide information about careers in the geosciences; present a positive image of a geoscience professional; and encourage geoscience career options for young scientists of high caliber. These goals will be achieved through direct student contact during college and university visits by active geoscientists. To maintain active status as a VG, each committee member must complete at least one visit per fiscal year. This program is funded through the generosity of the Visiting Geoscientists, their companies, the AAPG Foundation and AAPG.

Visiting geoscientists (VGs) did a fantastic job by reaching almost 12,000 students in 2015–2016, double last year's total and 10 times the numbers in years previous to the expansion of 2014–2015.

This year 190 VGs participated in this program and 39 of them made more than one visits. Our most enthusiastic and dedicated VGs visited numerous schools, often beyond the boundaries of their home Section or Region. Fred Schroeder (Gulf Coast) continued his long and popular service as a "supervisor" making 13 visits this year. Stuart Harker (Europe) visited 11 universities by the end of this fiscal year and he hits the road again in July. Pedro Alarcon and Antonio Velasquez (Latin America), Tariq Hasany (Asia Pacific) and Piotr Krzywiac (Europe) contributed to the success of the program with 8 visits, respectively. Samir Abdelmoaty, Cameron Campbell, Ahmed El-Barkooky, Balakhrisnan Kunjan and David Weinberg made 6–7 visits this last year. Jonathan Craig (Europe) reached 500 students by a single visit in India. Special thanks to our supervisors! An average visit consist of one or more lectures and an informal discussion with students about the industry. Usually 20–50 students participate in a session and Student Chapter faculty advisors along with university research fellows often take part in this events.

Special events include John Hogg's lecture at the Latin America Student Leadership Conference as well as a gathering for students in Bahrain. Another new and special visit was Richard Ball's Skype visit for the Latin America Student Leadership conference. These easily reached representatives of 30 universities.

Apache Egypt organized 8 student workshops in Cairo, while Budapest Education Days attracted students from 4 universities in Eastern Europe.

The success of the program relies on the commitment and time consuming work of coordinators, who match requests of universities and offers of VGs for a visit. This year our coordinators are: Samuel Akande (Sub Saharan Africa), Sa'ïd Al-Hajri (Middle East), David Blanchard and Joe Versfelt (North Africa), Mary Broussard and Noelle Joy Purcell (Gulf Coast), János Csizmeg (E-Europe), Herman Darman and Dwandari Ralanarko (Asia Pacific), Douglas Davis (Mid Continent), Miguel De Armas (Latin America), David Entzminger (Southwest), Laura Johnson (Rocky Mountain), Michelle Judson (Pacific), Frank RYAN (Canada), Lone Taylor (Eastern) and Andrew Zolnai (W-Europe). We are grateful to our coordinators for their innovative ideas and hard work. Special thanks to Emily Llinas, who highly contributed to the expansion of the program in Latin America.

The success of VGP was reported in an article in the *AAPG Explorer* by Robbie Gries. The article can be read in the January 2016 issue of the *AAPG Explorer*, its title is: "Visiting Geoscientists Reach Thousands."

Members of the VGP Committee and students worked on various supporting materials for VGs. These include an updated and regional version of the "Surviving the Downturn" presentation prepared by Dallas Dunlap and his ad-hoc committee last year, as well as the VGP European coordinator developing a new flyer and slides promoting VGP.

Efforts were made to maintain and update the VPG main and VGP Committee websites. At the committee meeting in Calgary Vern Stefanic assured the committee members that significant steps will be made on this in the coming fiscal year. Our initiatives include an extended interactive map with visits and student chapters and the ability to search the VG website by topic.

Finally we have to express our gratitude to AAPG and the AAPG Foundation for their generous support of the accelerated VG activities. We are also grateful to all companies, who as employer of VGs allowed them to participate in this program and contributed to the costs of visits. And we are grateful to all of the Visiting Geoscientists who contribute freely of their time, expertise and most often, their own financing.

Robbie Gries and András Németh, co-chairs

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

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

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.

2016 Recipients

Hussain M. Alotaibi
Rebecca Lee Dodge
Michael Forrest

Lawrence D. Meckel
Valary L. Schulz

Mahmoud Abdul-Baqi, 2003
Adekunle A. Adesida, 2012
Adebayo O. Akinpelu, 2010
Ibrahim A. Al-Jallal, 2012
Abdulahman Alsharahan, 2015
John Armentrout, 2014
John J. Amoruso, 1987
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
A. T. "Toby" Carleton, 2000
Paul A. Catacosinos, 2000
Donald D. Clarke, 2014
Stewart Chuber, 2004
James M. Coleman, 2002
Robert L. Countryman, 2011
Robert D. Cowdery, 1987
Brenda K. Cunningham, 2001
Edward K. David, 2005
Herbert G. Davis, 1986
Gerard J. Demaison, 1995
Edward D. Dolly, 2007
Wallace G. Dow, 2015
Marlan W. Downey, 2007
Bernard C. Duval, 1995*
George Eynon, 2008
William L. Fisher, 1990
Peter T. Flawn, 1983
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
Claus Heinrich Graf, 1996*
Patrick J. F. Gratton, 2002
Willard R. Green, 1998
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
James Austin Hartman, 1992
John D. Haun, 1984
David H. Hawk, 2015

*Distinguished Achievement Awardee

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*
 Desheng Li, 1994*
 Robert G. Lindblom, 1999
 Peter M. Lloyd, 2008
 John C. Lorenz, 2015
 Ernest A. Mancini, 2008
 Anibal R. Martinez, 1983*
 James S. McGay, 2014
 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
 R. Randy Ray, 2011
 Peter R. Rose, 2002
 Wolfgang Schlager, 1999*
 Harrison Hagan Schmitt, 2006
 Nahum Schneidermann, 1994
 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
 Paul M. Strunk, 1999
 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
 Donald L. Ziegler, 1986

Deceased Honorary Members with Year of Election or Year of Award

Abdulla Al-Naim, 2013
 John Emery Adams, 1966
 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
 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
 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
 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. Hilsseweck, 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
 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. Kottlowski, 1985
 Hans G. Kugler, 1968
 F. H. Lahee, 1947
 Kenneth K. Landes, 1962
 A. C. Lawson, 1937
 Rufus J. LeBlanc, 1981

*Distinguished Achievement Awardee

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. Murriss, 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. 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
 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
 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

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

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
 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

*Special Commendation Awardee

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
 2005 — No Recipient
 2006 — No Recipient

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. Kottlowski
 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 Schneidermann
 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. Pratiatna 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*
 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
Adedjoja 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
Terrilyn M. Olson
Debra Purifoy Osborne

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

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)

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

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. McPeek

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. Horner

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

Wallace E. Pratt Memorial Award

The Wallace E. Pratt Memorial Award (formerly a category of the President's Award) is to honor and award the author (s) of the best AAPG Bulletin article published each calendar year. The cash award is \$1500.

1982 — Roelof J. Murris

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

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. Forgotson, 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

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 Vermeylen

SEG/AAPG Best Paper in Interpretation Journal Award

2015 — Bruce S. Hart
 2016 — Dave Hale
 Richard H. Groshong

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 Vilorio
 2015 — Konstantin Sobornov
 2016 — Ronald C. Blakey

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

George C. Matson Memorial Award Top 10 Oral Presenters at the 2015 Annual Meeting in Denver, CO

Jeremy Jameson

Randolph Williams

Laurel B. Goodwin
Peter Mozley
Warren D. Sharp

Miles Frazer

Fiona Whitaker
Cathy Hollis

Charles Moyer

Milly Wright
Nahysa Martinez-Kulikowski

Gary Couples

Helen Lewis
Elma Charalampidou
Jingsheng Ma
Antonio Zamarron

Tandis Bidgoli

Yevhen Holubnyak
Mina FazelAlavi

Geoffrey Ellis

Ward Said-Ahmad
Paul Lillis
Alon Amrani

Doug Waples

Mark H. Tobey

James Free

Brian S. Currie
Michael R. Brudzinski
Robert J. Skoumal

Ibrahim Al Atwah

Jim Puckette
Tracy Quan

Michael Baranowski

Timothy Masterlark

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 Bolås
Christian Hermanrud
EirikVik
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 Bolås
Christian Hermanrud
Gunn Mari Grimsmo Teige
2007 — George W. Shurr
Thomas N. Haggar
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 Abousleiman
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

Jules Braunstein Memorial Award Top 10 Poster Presentations at the 2015 Annual Meeting in Denver, CO

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

Adamu Suleiman
Alastair J. Fraser
Christopher A. Jackson
Collin J. Gray
Katherine Giles
Richard Langford

Rafferty J. Sweeney
Bob Goldstein
Evan K. Franseen

Julia Gale
Estibalitz Ukar

Sara J. Elliott
Qiqi Wang

Lin Ma
Kevin G. Taylor
Peter D. Lee
Kate J. Dobson
Patrick J. Dowey
Loic Courtois

Thomas D. Seers
David Hodgetts

Simon Oldfield
Douglas Paton
Andrés Mora
Juan Carlos Alzate

Cosima Theloy
Jay E. Leonard
Sarah C. Smith

Donald McNeill
Peter Swart
James S. Klaus
Nick Danger
Cory Marx
Max Tenaglia
Ralf J. Weger
Gregor P. Eberli

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. Etensohn**
2007 — **Frank R. Etensohn**
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**

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

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
 2016 — **Buddy Price**

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 Pycrz
 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

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

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**

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. Keggan

- 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

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 — Rémi Eschard
Olivier Lerat
Didier Granjeon
Brigitte Doligez
Guy Desaubliaux
François 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
Misael 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 Marinez
Claudia Ceballos
- 2014 — Grant Ellis
- 2015 — Angela G. Griffin
Kyle J. Bland
Brad Field
Dominic P. Strogen
Gareth Crutchley
Mark J. Lawrence
Richard Kellett

AAPG House of Delegates Awards

Honorary Member of the House

Stephen A. Sonnenberg
Sigrunn Johnsen

Distinguished Member of the House

Steven M. Goolsby
Michael D. Allison
John G. Kaldi
Lawrence H. Wickstrom

House Long Service Award

Denise M. Stone
Carroll L. Kinney
Stewart Chuber
Donald D. Clarke
Donald W. Lewis

Recognition of Service Award

Stephen Douglas Levine
Robert C. Shoup

Delegates Receiving the 15-Year Certificate of Service HoD

Martha C. Barnes
Maurice N. Birdwell
Ronald L. Grubbs

Delegates Receiving the Nine-Year Certificate of Service HoD

Peter Burri
Jonathan Craig
Jerome J. Cuzella
Cheryl Desforges
David J. Entzminger
Steven L. Getz
Martin G. Jentsch
Walter E. Johnson
Charlotte D. Klenk
Evelyn A. Medvin
Ronald B. Meers
Patricia A. Santogrossi
William H. Schramm

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

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

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 Lubchenko
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

AAPG Division of Professional Affairs

Life Member

Stephen A. Sonnenberg

Distinguished Service

Mark J. Gallagher

Heritage Award

Daniel L. Smith

DPA Past President's Award

Richard D. Fritz

Certificate of Merit

Sarah Stanley

AAPG Energy Minerals Division (EMD)

Honorary Membership

Peter Warwick

Distinguished Service Award

Jeremy Boak

Past President's Award

Fran Hein

Certificate of Merit

Fran Hein
Simon Horan
Jeff Aldrich

Frank Kottowski Memorial Award (Best Paper 2015)

James F. Reilly

President's Certificate of Excellence in Presentation (Oral Presentation 2015)

Gregory S. Benson
Paul Oldaker

Loyd Carlson Memorial Award (Best Poster 2015)

Xuejun Wang, Lirong Dou, Yuguang Zhao, Demin Mao, Qunwei Zhang, and Xiaodong Wei

President's Certificate of Excellence in Presentation (Poster Presentation 2015)

Lin Ma, Kevin G. Taylor, Peter D. Lee, Kate J. Dobson, Patrick J. Dowey, and Loic Courtois

Cosima Theloy, Jay E. Leonard, and Sarah C. Smith

AAPG Division of Environmental Geosciences (DEG)

President's Certificate of Excellence in Presentation (Oral)

A. C. Hutton and R. S. Balch

President's Certificate of Excellence in Presentation (Poster)

A. W. Laake and Z. Wolfe

Certificates of Merit

Doug Peters
John Hughes

Best Poster (2015 ACE)

S. Flewelling, M. Sharma, D. Merrill, A. Lewis, and J. Rominger

Best Paper (2015 ACE)

J. Moortgat and H. R. Brouman

Past President's Award

Jeffrey Paine

AAPG Petroleum Structure and Geomechanics Division (PSGD) Best Papers 2016

Bob Krantz, Bob Hatcher, Gary Couples PSGD Best Paper Committee May 10, 2016

Best Seminal Publication

Citationist: **Van Mount**
Recipient: **Richard H. Groshong, Jr.**
Groshong, Richard H., Jr., 2006, 3-D Structural Geology: A Practical Guide to Quantitative Surface and Subsurface Map Interpretation, Second Edition, Springer-Verlag, Berlin, 400 p.

Best Recent Publication

Citationist: **Seth Buseti**
Recipient: **William L. Ellsworth**
Ellsworth, William L., 2013, Injection-induced earthquakes, Science, v. 341, DOI: 10.1126/science.1225942

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. Dobbins*	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 Gullely*	Edward A. Koester*	Gayle Scott
1946-47	Earl B. Noble*	D. Perry Olcott*	Edward A. Koester	Gayle Scott
1947-48	C. E. Dobbins*	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. Hilsweck*	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. Forgetson, 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

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. Kottowski*	George C. Hardin, Jr.*
1972-73	Fred A. Dix, Jr.*	Frank E. Kottowski	Hebert G. Davis
1973-74	Edd R. Turner, Jr.*	Frank E. Kottowski	Robert J. Gutru*
1974-75	George C. Grow, Jr.*	Frank E. Kottowski	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	Valery 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. McGhay	Stephen E. Laubach	David H. Hawk
2011-12	Denise M. Cox	James S. McGhay	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 McGhay

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. Pruettt*
1992-93	Carl J. Smith	John W. Gabelman	Frank D. Pruettt
1993-94	John W. Gabelman	Charles G. "Chip" Groat	Frank D. Pruettt
1994-95	Charles G. "Chip" Groat	Gayle H. "Scott" McColloch	Frank D. Pruettt
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	James G. Clough	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

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

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 Dingler	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

*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

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. Murriss	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. Wiroyudo	2014	Istanbul, Turkey	Volkan S. Ediger
2002	Cairo, Egypt	Mostafa El Ayouty	2015	Melbourne, Australia	Philip Loader
			2016	Cancun, Mexico	Jose A. Escalera Alcocer

2016 Fifty-Year Members

List is not comprehensive. It includes only those who attained 50-year membership in 2016.

Robert James Ardell
 William Grey Ayrton
 Charles Asa Bandoian
 Billy Joe Barbee,
 Dennis D. Benbow
 Anthony Lane Benson
 Robert Latson Bentley
 Orville Roger Berg
 Robert James Berven
 Bruce Allen Black
 Eugene J. Blazenko
 Arnold Henry Brackenridge
 Robert Donald Bradshaw
 John Reginald V. Brooks
 Jack G. Bryant
 John Edmund Burke
 Susan Kiefner Cage
 Arthur Francis Christensen
 Michael James Clifford
 Clark Roper Colton
 Ernest Ewart Cook
 William E. Crain
 Frederik Ernst Dekker
 Robert Schaff Dollison
 Marc Dupuy, Jr.
 Joel S. Empie
 Jack Christopher Fikes

Joshua Folkman
 Orlando Forero-Esguerra
 Lloyd Carroll Furer
 Robert F. Garvin
 Lawrence David Grayston
 W. Kenneth Hall, Jr.
 Gilmor Semmes Hamill IV
 James Martin Hancock, Jr.
 Harold W. Hanke
 Christopher P. M. Heath
 Barry Keith Henderson
 Donald Lawrence Hicks
 Stanley Luis Hogg
 Norman John Hyne
 Don Dennis Irwin
 John Patrick Keehan, Jr.
 Philip Michael Knighton
 James Albert Knupke
 Cooper B. Land
 Christopher John Lewis
 Leslie Blake Magoon III
 Robert Wilford Mannon
 James R. Maytum
 W. Richard Moore
 Joseph Paul Mueller
 Jaime Navas-Gaona
 Gerald D. Neff
 Robert Benjamin Nelson
 Robert Quincy Oaks, Jr.
 William Courtney Oliver, Jr.
 Scott Petty, Jr.

Walter Carroll Pusey III
 Marcello Rebora
 Hollis Wayne Record
 Bill K. Reed
 Philip Ernest Charles Reed
 Kenneth Frederick Reighard
 James Van Richards
 Richard James Rigo
 Philip Kenneth Roberts
 Edgar Anthony Sander
 Robert Wayne Sandridge
 Hannfried Schaller
 Harold Andrew Schmidt, Jr.
 James Edward Scott III
 Clyde Ray Seewald
 Roger W. Simmons
 Richard W. Simms
 Howard Muncie Simpson
 Sigmund Snelson
 David Sollenberger, Jr.
 William E. Sparks, Jr.
 Daniel McSpadden Strong
 Raymond Walter Suhm
 Frederic C. Summers, Jr.
 Lee J. Suttner
 Walter Thomas Troegel, Jr.
 James Orland Underwood
 Robert Van Triest
 James Thadius Walasko
 William W. Wilson
 Paul David Zakus

AAPG Constitution and Bylaws

Constitution

As amended June 25, 2016

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 June 19, 2016

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. 35

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 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. 70

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. 76

B. Students

Any student majoring in geology or in a field of study related to or generally associated with geology at a college 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 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

B. 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 which 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.

B. 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.

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

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.

4. A vacancy in the office of editor shall be filled by a candidate nominated by the advisory council in consultation with the editorial board, with final approval by the executive committee.

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. 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 and each international region shall be entitled to one delegate for every seventy of its Members or major fraction thereof. 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 the immediate past president of AAPG; the two AAPG presidents immediately prior to the immediate past president (or their designee who served on their respective executive committees); the immediate past chair of the house of delegates; the chief elected officer of each division; and one elected councilor from each section or region plus one elected councilor for each additional 5,000 members or fraction thereof. The date of record for determining membership shall be July 1 of each year.

B. The immediate past president shall serve as chair of the advisory council. In the event the immediate past president cannot serve, the council shall elect a chair. 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 terms 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 31st 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 4. 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 5. 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 6. 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 7. 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 8. 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.