

2012 ANNUAL REPORT

— For the Fiscal Year July 1, 2011 to June 30, 2012 —

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

schoot van der Gracht

V.V. Waite

Lucian Walker

K.D. White

Earl V. Whitwell

A.J. Williams

E.G. Woodruf

W.E. Wrather

Harry F. Wright

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

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

President

My year as President began a little earlier than usual. Two events that occurred during the previous president's term extended well into my term.

Executive Director Search

First, the search for Rick Fritz' replacement began in March 2011 and was completed in early August with the hiring of David Curtiss as Executive Director and David Lange as the Deputy Executive Director. The *ad hoc* search committee was chaired by David Rensink and comprised the 2010–2011 Executive Committee (David Hawk, chair-HOD; Alfredo Guzman, VP regions; Bill Houston, secretary; Marv Brittenham, VP sections; Jim McGray, treasurer) and Steve Laubach, elected editor). Bill Fisher, representing the AAPG Foundation, also served on the search committee. I served as vice chair of the Search Committee.

Budget

Second, at our preliminary budget meeting in May 25, 2011, the original estimate of the FY 2012 budget was about a \$1.3 million deficit. Clearly we began the year with many serious challenges. AAPG staff and Jim McGray, treasurer, worked hard to reduce the budget deficit to about \$0.3 by end of fiscal year. That was a pretty stunning accomplishment, and kudos to all of them.

Strategic plan

The strategic plan was finished by the AC for discussion in August; its major points were reviewed at the August 2011 Leadership Days Conference held in Boulder. The entire document was uploaded for membership review, and discussed in the November President's column. Three key recurring themes were discussed during the year by the EC: (1) how do we best advance our science, (2) how do we educate the public awareness and understanding; and (3) how do we grow our membership and improve our member services.

Digital offerings

The EC spent considerable time discussing all of AAPG's digital offerings, and how we might improve our offerings, including *Bulletin*, Website, Datapages and digital delivery, Search and Discovery, and integrating GIS into all of our deliverables. We now have the ability to deliver our scientific

information almost instantly around the world. This transformation in digital offerings will take 2–3 years, but I think this is absolutely essential to our future ability to entice new members and retain current members. With these capabilities, we could reach the full potential of

our influence as a professional society internationally.

Reconsidering membership requirements

The movement towards membership simplification that began several years

Statement of Income and Expenses

	General Fund FY 2010–11	General Fund FY 2011–12	Budget FY 2011–12
Operating Income			
Dues	\$2,277,034.00	\$2,253,988.00	\$2,211,950.00
BULLETIN Subscriptions	261,975.00	253,634.00	236,400.00
Advertising Income	1,576,026.00	1,818,429.00	1,538,562.00
Sales of Publications	526,430.00	771,011.00	532,920.00
Interest and Dividends	354,315.00	554,058.00	370,000.00
Investment Income from NAPE	540,626.00	594,139.00	543,000.00
Education and Misc. Service Fees	3,209,971.00	4,266,262.00	3,890,425.00
Conferences and Meetings	6,483,115.00	5,872,063.00	5,220,381.00
Page Contributions	4,820.00	8,061.00	5,400.00
Gain (Loss) on Datapages	170,998.00	219,026.00	54,105.00
Gain (Loss) on International Pavilion	35,400.00	77,962.00	48,000.00
Grant Income	1,030,385.00	1,140,313.00	1,076,352.00
Miscellaneous	804,003.00	364,525.00	470,960.00
TOTAL OPERATING INCOME:	17,275,098.00	18,193,471.00	16,198,455.00
Operating Expenses			
Salaries	\$3,864,380.00	4,027,574.00	3,880,055.00
Employee Benefits	1,655,516.00	1,636,726.00	1,417,683.00
Publishing Cost of BULLETIN	218,993.00	155,408.00	228,000.00
Publishing Cost of EXPLORER	198,438.00	216,292.00	230,800.00
Cost of Special Publications Sold	237,135.00	233,623.00	194,903.00
General Office Expense	1,032,947.00	942,681.00	1,117,267.00
Postage and Shipping	642,718.00	708,330.00	688,060.00
Building Expense	296,513.00	279,386.00	287,255.00
Professional Fees	1,971,971.00	1,377,203.00	2,246,757.00
Staff Travel	357,403.00	352,740.00	440,879.00
Professional Travel	1,379,618.00	1,063,348.00	1,553,507.00
Conferences and Meetings	3,223,687.00	5,058,420.00	3,855,715.00
Depreciation	167,062.00	197,650.00	172,292.00
AGI Dues	12,455.00	61,871.00	72,000.00
Meeting Presence / Display	5,917.00	48.00	12,652.00
Miscellaneous Grants and Awards	224,728.00	226,795.00	366,235.00
Miscellaneous	492,869.00	411,209.00	580,949.00
TOTAL OPERATING EXPENSES:	15,982,350.00	16,949,304.00	17,345,009.00
Income (loss) from Operations	\$1,292,748.00	\$1,244,167.00	\$(1,146,554.00)
BALANCE SHEET SUMMARY			
Assets	\$17,158,053.00	\$17,208,169.00	
Liabilities	4,835,049.00	7,164,719.00	
Fund Balance	12,323,004.00	10,043,450.00	
TOTAL LIABILITIES & FUND BALANCE	\$17,158,053.00	\$17,208,169.00	

The figures reflected above in the FY 2011–2012 are preliminary, as the audit, and the audit of all the required affiliates and subsidiaries has not been completed at the time this statement went to print.

ago, continued this year, led by Jeff Lund and Andrea Reynolds. The EC took a series of positive continuing steps to make the AAPG application experience more efficient (process) and welcoming (qualification and application requirements). Long-term membership trends remain a significant concern, and more emphasis on growing all new members is a priority for the entire association.

Intersociety cooperation

Several new areas of joint cooperation were pursued this past year. We opened the joint office with the SEG in Dubai in early March. On February 24, members of the AAPG and SEG Executive Committees met with staff members to discuss additional areas for future collaboration. One surprising fact that emerged was the number of members who belonged to both societies (about 6% of SEG). I hope our collaboration will increase so that we can co-sponsor additional events for members.

Another example of cooperation was the establishment of a memorandum of understanding with EAGE in June to increase our joint offerings. The first joint EAGE-AAPG research conference will be held in Lisbon in 2013, with plans for subsequent annual affairs around the globe. A joint AAPG-EAGE core workshop was convened in Jakarta in February. AAPG also continued to work with SEPM and SEG on a number of projects and conferences.

Education

Finally, one of the main goals of my year was to offer a half-day short course,

free-of-charge, for students and professionals around the world: "The petroleum industry in the next decade: an overview to the science, technology and AAPG." The purpose of this short course was to give students and professionals a strong sense of the spectacular technology with which we work, how much E and P concepts have changed during the past 3 to 4 years with the rapid evolution in developing unconventional resources, the future of their profession, and what they can expect in their careers. Along the way, the benefits of AAPG membership became clear. The short course addressed the following themes: (1) rejuvenation of old fields; (2) frontier exploration in conventional accumulations; (3) introduction to unconventional resources: tight-gas sandstones; and (4) the future: assumptions (supply and demand), technology (seismic, how we interpret), more on unconventional resources, why belong to AAPG. All total I gave the course in 22 sites, in 20 countries. I am most appreciative to AAPG membership for the support of this program.

Paul Weimer, President

Treasurer

Fiscal Year 2012 was projected to be a year reflective of a struggling economy.

Although we were hopeful for our ICE event in Milan and our ACE in Long Beach, we knew we had to be realistic that financially the results would not be as strong as the year before. When we prepared our budget, we expected a shortfall in our operations. The good

news is that we actually outperformed our budget, resulting in a favorable variance from operations.

On the income side, we enjoyed growth in advertising, sales of publications, educational and convention activities. We also benefitted from a positive return from our investment in the NAPE meeting, Datapages, Inc., and the International Pavilion, LLC.

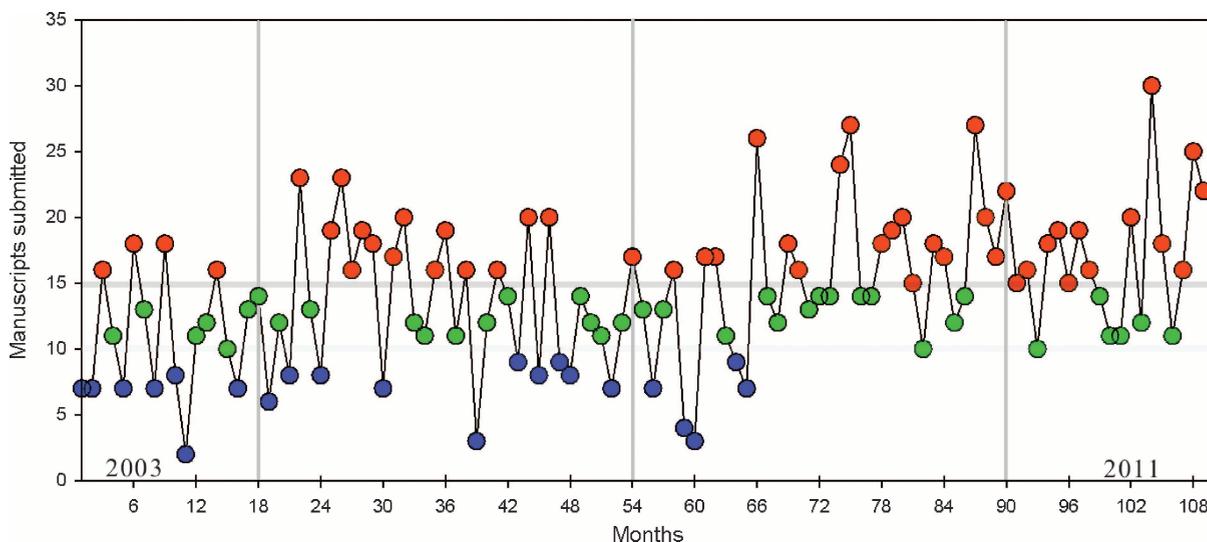
We budgeted expenses of more than \$17.3 million, a little down from the \$17.7 million budgeted in fiscal year 2011. We continue to challenge ourselves and the staff to be good stewards of our members' resources while still striving to deliver a high level of member benefits. As a result of these efforts, our overall expenses for the year were just under \$17 million, which is favorable to budget by nearly \$400,000.

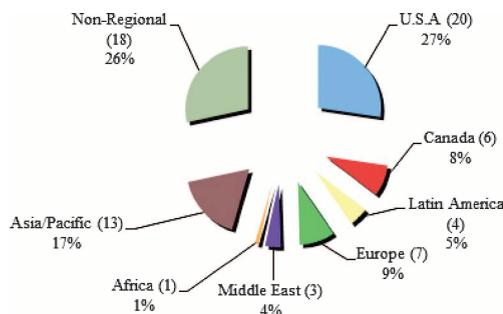
All in all, we enjoyed the results of Fiscal Year 2012 at least from operations. We have been enduring a roller-coaster ride in the stock market, which affects our investment holdings as well as our pension liability. We anticipate great outcomes from both the ICE in Singapore and the ACE in Pittsburgh, though we are also trying to keep a watchful and proactive eye on our investment portfolio and our liabilities.

Jim McGhay, Treasurer

Editor

The Editor oversees all technical publication channels through which AAPG disseminates science, 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 disseminates information on the geology and associated technology of petroleum, natural gas, and other energy mineral resources, and has long occupied an important place in the scientific literature of petroleum geoscience. As a highly selective peer-reviewed journal it attracts papers from leading petroleum geology and engineering researchers. The AAPG Bulletin enjoys one of the highest rates of download among the collection of journals in the GeoScienceWorld collection, an aggregation of 38 high impact, peer-reviewed earth science journals to which academic institutions worldwide subscribe. Journal impact factors are important to our academic authors, and they give some sense of how the AAPG Bulletin and AAPG contribute to science. The impact factor of the AAPG Bulletin is substantial and is currently 1.448, up from 1.273 in 2008 according to Thompson-Reuters. The Bulletin remained the top-ranked of 23 journals in the category Petroleum Engineering, and it ranks highly in other journal categories.

AAPG Bulletin manuscript submissions from 2003 to 2011 by month. Horizontal grey lines indicate desirable minimum monthly submission rates assuming 50 and 75 percent rejection.

The AAPG Bulletin is receiving substantial manuscript submissions. The 200 manuscripts submitted to the AAPG Bulletin in 2011 nearly matched the record 207 manuscripts submitted in 2010, the highest since record-keeping began in 1990. Of the manuscripts received in 2011, 56.2% were accepted for publication with revisions and 43.8% were rejected. The quality of many manuscripts published and in press is high and the AAPG

Bulletin is becoming increasingly selective. Manuscript submissions from authors who are not native English speakers continue to be substantial. The Bulletin editorial board is working hard with these authors to assure that their contributions are clear and concise.

In calendar year 2011, 75 papers were published, including 54 (72%) regional studies and 21 (28%) topical (non-geographical) studies. Of the regional studies, 20 (27%) of the papers addressed subjects from areas in the United States, 13 (17%) from the Asia/Pacific area, 4 (5%) from Latin America, 7 (9%) from Europe, 1 (1%) from Africa, 3 (4%) from the Middle East, and 6 (8%) from Canada. Associate editors appointed from all AAPG Regions and Sections are charged with encouraging manuscript submissions from their geographic areas. Several theme issues are in preparation for publication in 2012 or later. Only one E&P Note and one Geological Note and five Geohorizon papers were published, continuing a trend of diminishing submissions of short exploration and production oriented manuscripts.

The average number of days required to review and act on manuscripts in 2011 increased to 84 days from submittal to decision rendered. This response reflects the efficiency of the Associate Editors, reviewers, and headquarters staff. Providing rapid but thoughtful and constructive reviews is the essential contribution of the AAPG Bulletin peer-review and scientific editorial process. The AAPG Bulletin typical requests three reviewers to read manuscripts. The quality of the review is vital, and reviewers are busy unpaid volunteers. Median review time is 34 days. But the incidence of longer review times for reviewers who render an opinion remains unacceptably large. An increasing proportion of manuscripts are now rejected after initial screening by senior editors; many of these papers successfully enter review later.

AAPG Special Publications 2011 Releases

(Five AAPG Special Publications, 16 Datapages CD/DVD products)

Archie 2—Application of Resistivity-Tool-Response Modeling for Formation Evaluation (co-published with ExxonMobil)

Memoir 47 7th Edition—Interpretation of Three-Dimensional Seismic Data

Memoir 93—Shale Tectonics

Memoir 94—Thrust Fault-related Folding

Memoir 96—Uncertainty Analysis in Reservoir Characterization

Memoir 99—The Salt Mine

(co-published with BEG)

AAPG Studies 25 on CD—Exploration for Heavy Crude Oil and Natural Bitumen

AAPG Studies 37 on CD—Source Rocks in a Sequence Stratigraphic Framework

AAPG Studies 38 on CD—Hydrocarbons from Coal

AAPG Memoir 26 on CD—Seismic Stratigraphy: Applications to Hydrocarbon Exploration

AAPG Memoir 45 on CD—The Pannonian Basin

AAPG Memoir 48 on

CD—Divergent/Passive Margin Basins

AAPG Memoir 51 on CD—Interior Cratonic Basins

AAPG Memoir 59 on CD—Active Margin Basins

AAPG Memoir 71 on CD—Reservoir Characterization: Recent Advances

Getting Started #21—Arctic Geology

Discovery Series 14/AAPG Studies 62—Geological Assessment of Coal, Gulf Coastal Plain

Discovery Series 15—Carbonate Petrology: An Interactive

Petrography Tutorial

Discovery Series 16—Introduction to Seismic Interpretation

Publications of the Saskatchewan Geological Society on DVD

Publications of the Four Corners Geological Society on DVD

NOGS—Oil and Gas Fields of South Louisiana on DVD

After a review of its mission and goals, the Publications Committee (Colin North, Chair) has proposed a revised mission statement and an ambitious set of near-term goals that include markedly increasing the number of books published per year, significantly reducing the time from conception to production for new projects, restructuring the publications committee into parts with responsibilities for content acquisition, management, and a planning and opportunity identification group with participation from Energy Minerals

Division and the Research, and Education committees. The Publication Committee is also the home of the recently established book series editorial board.

GIS/Spatial Publications

The Geographic Information Systems Committee (Bret Fossum, Chair) has recently completed several projects and has funded several new projects. Completed projects, awaiting publication on the new GIS Publications Website, are: Source Rocks of the World, Giant Fields of the World, Impact Craters of the World and the Bally Global Tectonics Project re-design framework. Newly funded projects are: Tectonics of the Indian Ocean, East Central Texas Depositional Systems & Deep Basin Lignite, Pennsylvania Digital Oil and Gas Maps and Appalachian Basin Devonian Shale Gas. The GIS committee is in the midst of evaluating opportunities for future developments in GIS content dissemination.

Search and Discovery

Search and Discovery posted 655 documents in 2011 compared to 566 in 2010, an increase of 16 percent. The site had 1.1 M unique visitors (sessions) and 2,904 average visits per day. This is strong evidence that this online resource is being used.

Ron Broadhead serves as Search and Discovery editor and editor for the Search and Discovery Digest. 2011 topics for the quarterly issue of the Digest included: Unconventional Oil, Subsalt Plays, Fracture Technology and Microbial Carbonates.

Short abstract sets and select full-presentations were posted from the following meetings: 2010 European Region, Kiev and 2010 Geo-India; 2011 ACE, ICE, 3-P Arctic, Nova Scotia, 2011 GTWs and 2011 AAPG Section presentations from Eastern, Southwest, Pacific, and Mid-Continent.

Charles H. Taylor Fellowship

AAPG publications are an important benefit to the geoscience community and an essential AAPG member service. To create and deliver the best publications in a challenging, complex and changing publishing environment, the Elected Editor needs the advice and support of knowledgeable and dedicated volunteers. The AAPG Bulletin's board of associate editors and the Publications Committee

currently provide some of this support, but more diverse, systematic and sustained support is needed. The Executive Committee has approved a proposal to establish a formal consultative body comprised of current and former members of the association's editorial board to advise and assist the Elected Editor with emphasis on journal publications. The group has the status of a special committee. A full report on this initiative will appear shortly in the AAPG Explorer. The fellowship is named for Charles H. Taylor, the first editor for the association and arguably a key figure in the founding.



Other Developments

Several members of the editorial board will shortly be named senior associate editor, with increased responsibility for scientific editing in their areas of expertise. Planning is under way to implement a system for early online publication of accepted AAPG Bulletin papers and Book Series chapters. A more systematic procedure is being adopted for recognizing reviewer achievement and for highlighting notable papers published by the association. As noted elsewhere, the price for hard copy delivery of the AAPG Bulletin will increase.

Stephen E. Laubach, Editor

Editor's Note: A color version of this report appears in the online Bulletin.

Advisory Council

Advisory Council members:
David G. Rensink, Advisory Council Chair
John C. Lorenz, Past President
Scott W. Tinker, Past President
Stephen M. Testa, President, EMD

Douglas C. Peters, President, DEG (Non-Voting)
Martin D. Hewitt, President, DPA
David H. Hawk, Past-Chair House of Delegates
Kurt E. Neher, Pacific Section
Donna S. Anderson, Rocky Mountain Section
David C. Harris, Eastern Section
Mary E. Broussard, Gulf Coast Section
Debra P. Osborne, Southwest Section
Robert D. Cowdery, Mid-Continent Section
Martha Lou Broussard, Gulf Coast Section
Jean R. Gerard, European Region
Paul J. English, Canadian Region
Peter W. Baillie, Asia/Pacific Region
Fowzia Hussien Abdullah, Middle East (Non-Voting)

The Advisory Council met twice during the 2011–2012 year – at Leadership Days in Boulder, CO and at the annual conference in Long Beach, CA.

Boulder, Colorado

We held a special meeting on Thursday afternoon, August 11, 2011, in Boulder to discuss changes to the strategic plan. The result of that discussion was to form a sub-committee of the Advisory Council composed of Dave Rensink, Peter Baillie, Doug Peters, Bob Cowdery, Steve Testa, and Ted Beaumont. The charge to committee was to incorporate the suggested changes into a final document for approval by the full Advisory Council prior to submission to the AAPG Executive Committee. That work was conducted via email and the final approval of the Advisory Council was obtained at the Long Beach meeting.

The primary purpose of the meeting on August 12, 2011 was to submit a list of candidates for Honors and Awards to the Executive Committee. The candidates were as follows:

Sidney Powers Memorial Award
Koenraad J. Weber (Europe)

Michel T. Halbouty Outstanding Leadership Award

Robbie R. Gries (Rocky Mountain)

Honorary Member Award

Adekunle A. Adesida (Africa)
Ibrahim A. Al-Jallal (Middle East)
Lee T. Billingsley (Gulf Coast)
Dudley W. Bolyard (Rocky Mountain)
Paul M. Harris (Pacific)
Phillip H. Stark (Rocky Mountain)

Norman H. Foster Outstanding Explorer Award

Dan A. Hughes (Gulf Coast)

Robert R. Berg for Outstanding Research Award

Henry W. Posamentier (Gulf Coast)

Distinguished Service Award

Edith C. Allison (Eastern)
Susan M. Cunningham (Gulf Coast)
David A. Dolph (Canada)
Paul F. Hoffman (Gulf Coast)
Alain-Yves Huc (Europe)
William A. Morgan (Gulf Coast)
Adedoja R. Ojelabi (Africa)
Victor H. Vega (Latin America)
Mark L. Wilson (Pacific)

Grover E. Murray Memorial Distinguished Educator Award

Andrew Hurst (Europe)
Howard D. Johnson (Europe)

Harrison Schmitt Award

Jill Stevens (Asia/Pacific)

Public Service Award

No Awardees

Pioneer Award

Tim T. Schowalter (Rocky Mountain)

Publication Awards

Wallace E. Pratt Memorial Award

Robert H. Lander and Linda M. Bonnell

Robert H. Dott, Sr. Memorial Award

M. Pöppelreiter, C. García-Carballido and M. A. Kraaijveld

J. C. "Cam" Sproule Memorial Award

Alexei V. Milkov

John W. Shelton Search and Discovery Award

Katherine Giles

George C. Matson Award

Lars Wensaas
Co-Authors: Marita Gading, Helge Loseth and Michael Springer
(Co-Authors are not recipients of the George C. Matson Award)

Jules Braunstein Memorial Award

Roger M. Slatt
Younane Abouseleiman

Geosciences in the Media Award

Nick Eyles (Non-member)
These individuals (as many as were able to attend) were given their awards in Long Beach

Long Beach, California

The primary purpose of the meeting on April 20, 2012 was to submit a list of candidates for AAPG officers to the Executive Committee. The candidates were as follows:

President-Elect 2013–14 (President 2014–15)

Randi S. Martinsen (Rocky Mountain Section)

Kay L. Pitts (Pacific Section)

Vice President, Regions 2013–15

Istvan Berczi (Europe Region)
John Kaldi (Asia/Pacific Region)

Secretary 2013–15

Richard W. Ball (Gulf Coast Section)
Sigrunn Johnsen (Europe Region)

Editor 2013–16

Colin P. North (Europe Region)
Michael L. Sweet (Gulf Coast Section)

David G. Rensink, Chair

House of Delegates

The theme of 2011–12 was to have the House of Delegates take a leadership role in achieving goals I set at the beginning of the year:

- "Energizing" AAPG Delegates to become proactively involved as communicators to their affiliated societies, sections and international regions, and to step up recruitment of new AAPG members by helping to form and join Valary Schultz's "army" of recruiters.
- Continue efforts to make the AAPG Membership "scheme" and application process "more welcoming" for the applicant and efficient for both the applicant and the Association. Let's be "inclusive" not "exclusive."

This year we continued efforts to carry on the pattern of recent past membership actions within AAPG in cooperation among the House of Delegates, the Executive Committee and the AAPG Membership Committee which has included adopting the graduated dues policy, the membership qualification experience requirement change to one year, the student bridge policy to encourage students to remain involved in AAPG while they begin their careers, EC process changes endorsed in August, 2011 and the EC resolution supporting the "membership simplification" bylaws proposal.

Perhaps the most tangible results from our efforts this year was the Bylaws amendment described below and the recent issuing of a "Delegates Guidebook" to help make the responsibilities and duties of Delegates clearer and somewhat more consistent globally. Of special note has been the work of Houston Delegate Sharie Sartain, who has chaired an ad hoc committee to create this first Delegate's Guidebook.

This year the HoD Leadership mid-year meeting was held in Houston. Your officers and committee chairs worked diligently to present their business and discuss AAPG processes and potential improvements.

I would like to acknowledge the important work done by our Executive Director David Curtiss and the Headquarters' staff who organize and maintain the efforts of our membership and the House of Delegates in every way.

The highlight and culmination of our year was the 42nd Annual Meeting of the House of Delegates called to order in Long Beach on April 22, 2012.

Key events at the meeting included the following.

Report of the Honors and Awards Committee

Laura Zahm, chair of the Honors and Awards Committee recognized the members and announced the following House award recipients for the year 2012:

Honorary Member of the House Award
Larry Jones
Distinguished Member of the House Award
George Eynon, Jeannie Fisher Mallick and Vlasta Dvorakova
House Long Service Award
Ed Dolly and Clint Moore
Recognition of Service Award
Jeff Lund and David Cook
Certificates of Service

Report of the Constitution and Bylaws Committee

David Entzminger, chair of the Constitution and Bylaws Committee, proposed several amendments to the AAPG Bylaws with the following results.

A motion was made to provide for recommendations by the Advisory Council to the Executive Committee which involve long-range planning and possible amendments to the AAPG Constitution and/or Bylaws to also be forwarded to the chair of the House of Delegates for submission to the members of the House of Delegates for their review and comment to the Executive Committee. This motion failed.

A motion was made to provide for the term "Active Members" to be replaced by the term "Members" and to provide for the term "Members" to include those Members designated as Emeritus Members and/or Honorary Members. This motion carried.

Report of the Nomination and Election Committee

Sigrunn Johnsen, chair of the Nomination and Election Committee

presented nominees for officers of the House and the election was conducted. The results of the election for the 2012–13 House officers were Larry Wickstrom, as chair-elect and Karen Glaser as Secretary/Editor.

Report of the Resolutions Committee

Dennis Moore, chair of the Resolutions Committee reported the Miami Geological Society has voluntarily chosen to disassociate with AAPG and the members have been reassigned to the

Southeastern Geological Society. He made a motion to accept three new affiliated societies as follows:

Israel Geological Society (IGS)
Indian Association of Petroleum Geoscientists (IAPG)
Geological Society of Romania (SGR)
And to assign the Israel Geological Society to the European Region.

The House approved the motion. I want to thank all AAPG Delegates and especially the leadership team of chair-elect Randy Ray, Secretary Editor

Dave Cook and the House Committee chairs for all their hard work and sincere commitment this year. We concluded the annual meeting with the traditional hand-off from the current chair to the incoming chair and Randy Ray now proudly has control of the official House necktie and gavel.

It has been my privilege to serve.

Jeff Lund, Chair

Foundation

The AAPG Foundation was established in 1967 as a 501(c)(3) organization and provides a source of funding for programs that benefit the geologic profession and the general public, encourages 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.

In November of 2011, David Curtiss was ratified as Foundation Executive Director and David Lange was ratified as Deputy Director.

Financial Overview

The economy has been challenging over the past several years; and last year the Foundation's investment portfolio showed a modest decline. The Foundation portfolio had a 2.1% decline for the fiscal year.

The investment portfolio is conservatively invested and well diversified and includes public and private equity mutual funds, fixed income mutual funds, international investments and real estate. The investment portfolio of the Foundation amounted to \$37.6M compared to \$38.7M on June 30, 2011.

The Foundation's financial audit had not yet been completed at that time of this writing, thus this financial information is preliminary until the audit is completed. For fiscal year 2012, the Foundation operating revenue amounted to \$1.13M, compared to last year for the same period of \$1.09M. Revenues came primarily from rental income, interest, dividends and capital gains, and oil and gas royalties. Operating expenses totaled \$1.6M compared to the previous year of \$1.3M.

Contributions to the Foundation were \$2.75M, and awards and grants amounted to \$2.1M. Contributions to the Foundation for FY 2011 were \$2.14M.

Approximately 7.95% of AAPG members in the U.S. and 5.42% of members overall contributed \$1.8M to the Foundation this fiscal year, up from 5.42% of U.S. members and 3.61% of total members. Interestingly, 95% of the donors and 66% of total contributions are from AAPG members.

Program Support

During the past year, the Foundation continued to support many of the valuable geological programs it has supported over the years such as the Visiting Geoscientist Programs, *AAPG Bulletin*, Energy Resource Library, Special Region Lectures and The Imperial Barrel Award. A new Digital Products University Subscription was endowed for the University of New Mexico. The Foundation provided funding for ten U.S. and one non-U.S. Distinguished Lecture tours totaling 82 stops. Six GIS UDRIL University Subscriptions were initiated – The University of Houston, The University of Kansas, The University of New Mexico, Texas A&M University, The University of Texas at Austin and The University of Wyoming.

Sixty-eight undergraduate students and their universities were the recipients of an L. Austin Weeks Undergraduate Grant this past year. A new research initiative is being developed and has already received some funding, as well as a program entitled "Enhancing the Quality of Earth Sciences in Grades 6–12."

The AAPG Foundation Trustee Board entertained 22 proposals for funding and approved 14, totaling \$350,797. These proposals included \$6,000 for a "More! Rocks in Your Head" Teacher Workshop, \$6,000 for the Publication Pipeline, \$50,000 for the new Bookout Teacher Training Scholarship Program, funded by a generous donation from John F. Bookout, Jr., \$100,002 toward OSU GIS Consortium projects, funded through a gift from the T. Boone Pickens Foundation, \$10,000 for AAPG Memoir 100: Tectonics and Sedimentation: Implications for Petroleum Systems, partially funded by the Amoroso Special Publications Fund, \$15,000 for the AAPG Europe-Student Chapter Program, \$35,000 for AGI's Earth Science Week, \$10,000 for the AAPG Student Focus Booth at GSA, \$15,000 for the Geology Kitchen web-based video series, \$32,395 for the AAPG Student Chapter Leadership Summit, partially funded by a generous endowment established by James A. Hartman, \$12,000 for Susan Eaton's Antarctic Exploration and Outreach called "A Geoscientist in Antarctica: Following in Shackleton's Footsteps One Hundred Years Later", \$5,000 for the AAPG Young

Professionals Leadership Summit, \$40,000 towards the establishment of the Geoscience World Ebook platform and \$5,400 for the Boy Scout Jamboree-Merit Badge program.

Regular support is also given for the Halbouty Lecture, the Professorial Award, Teacher of the Year, Teachers Day at ACE, Student Field Trips, the Michel T. Halbouty Endowed Fellowship, the Switch Documentary, the Holland Professorial Award and the Paul & Deana Strunk Geology Fellowship.

The Grants-In-Aid program continues to grow with 84 Named/Memorial grants at present. Six additional grants were established – The Harry and Joy Jamison Named Grant for a student at Oregon State University, The John and Erika Lockridge Named Grant for a student at The Colorado School of Mines, The Meckel Family Named Grant for a student at Rice University, Johns Hopkins University, Williams College, University of Montana at Missoula, University of Texas at Austin or ETH at Zurich studying depositional environments/process in clastics or carbonates (modern or ancient), two grants from the M. Ray Thomasson Named Grant Fund for a student studying at the University of Wisconsin or at the University of Missouri, the Martin D. Hewitt Named Grant for a student at McMasters University, Canada, and the Grants-In-Aid Committee Named Grant, which is awarded at the discretion of the Chairman.

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

For the 2011–2012 GIA Program, the Grants-in-Aid Committee, chaired by David Sivils, selected 84 deserving graduate students to receive Foundation support totaling \$185,000 through the program. 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 on the Search and Discovery Web site.

The L. Austin Weeks Memorial medal was established in 2008, and is the Foundation's highest award, given in recognition for extraordinary philanthropy and service directed to advance the mission of the AAPG Foundation. The premier award honors the late L. Austin Weeks, whose philanthropic legacy set an exemplary standard. This year, the award went to William J. Barrett. He was presented the medal at the Opening Session at ACE, Long Beach, California, on April, 2012.

Herbert G. Davis was the 14th recipient of the Chairman's Award for his support to the Foundation. Davis accepted his award at the AAPG Foundation Trustee Associate Annual Meeting in Scottsdale, Arizona.

Fundraising Campaign

On July 1, 2005, The Board of Trustees, with encouragement and leadership from Larry Funkhouser and Jack C. Threet, Co-Chairmen of the "Meeting Challenges...Assuring Success", Financial Campaign, along with Team Leaders Bob Ardell, John Amoruso, Bill Barrett, Bill Crain, Marlan Downey, Bill Fisher, Jim Gibbs, Bill Gipson, Ed Picou and Marta Weeks, united to kickoff the public phase of the campaign announcing a \$35M goal. As of the official close of the campaign in April of 2012, \$35,783,070 was raised in contributions and pledges by over 6,655 donors.

To continue to cultivate the strong financial support for the AAPG

Foundation, a Fundraising Advisory Committee, chaired by Rick Fritz has been established to continue the work of the Financial Campaign Committee.

Membership

The Board of Trustees consists of Bill Fisher (Chairman), John Amoruso (Vice Chairman), James Gibbs (Secretary), Bill Gipson (Treasurer), Paul Strunk and Ray Thomasson. In 1978, the AAPG Foundation Trustees officially recognized a distinguished group of contributors, known as the AAPG Foundation Trustee Associates. This select group was organized for the purpose of supporting the AAPG Foundation, providing counsel and leadership to its Trustees, lending support to its fundraising efforts and guiding the scientific and educational agenda which it overwrites. Officers are Donald A. O'Nesky (Chair), Stewart L. Henry (Vice Chair) and David W. Worthington (Secretary-Treasurer).

The AAPG Foundation Trustee Associates membership totaled 275 as of June 30, 2012. One hundred nine Trustee Associates accepted AAPG Emeritus membership status.

Thirteen new Trustee Associate members were added during the current year—Annell R. Bay, Priscilla C. Grew, James Henry Henderson, Martin D. Hewitt, Stephen Ernest Laubach, Loren Michael Leiker, Terry J. Mather, Barbara Toan Meckel, Lawrence Daniel Meckel, Rita Monahan,

Mark William Shuster and Philip Herald Stark. Nine Trustee Associates passed away—Albert S. Bonner, Jr., James Harrison Davis, Gerald Manfred Friedman, Jimmie Calvin Herrington, John Alan Masters, Thomas E. Matson, Michael S. Shearn, Stewart William Welch and Mark Dale Wilson. 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 2011–12, \$1,486,376 came from Trustee Associates.

At the annual meeting of the Members of the Corporation in Long Beach, California, on April 11, Richard D. Fritz, Edward K. David, Lee B. Backsen and Stephen A. Sonnenberg were elected as members of the Corporation for staggered terms. Alfred "Toby" Carleton, Jr. and Michael R. Wisda were re-elected for five year terms.

The Board of Trustees extends a heartfelt thank you to each contributor for continued support of the Foundation's vision and mission. Together we can continue to build and strengthen the geosciences industry for many years to come.

***William L. Fisher,
Chair, Board of Trustees***

Division of Professional Affairs

It has been an honor serving as president of the Division of Professional Affairs for the 2011–2012 term and a pleasure working with the dedicated professionals on my Executive Committee—vice president Rick Nagy (Gulf Coast Section), president-elect Charles Sternbach (Gulf Coast Section), secretary Mark Gallagher (Southwest Section), treasurer Dan Billman (Eastern Section) and past president Dan Tearpock (Gulf Coast Section). Thanks to each of them for their commitment to the DPA and the AAPG and a special thanks to Dan Tearpock, Dan Billman and Rick Nagy as their terms on our Executive Committee come to an end.

I know that each of us recognize what a privilege it is to lead our 3,000-plus members from around the globe.

The election for our 2012–2013 Executive resulted in an excellent slate of officers. Thanks to Mike Party and his committee for putting together this fine slate of candidates. President-elect is Valary S. Schulz (Southwest Section), vice president is Paul H. Pause (Southwest Section), and treasurer is Debra P. Osborne (Southwest Section).

Joining our executive team for the 2011–2012 term were 15 councilors representing DPA members in almost every section and region. In the U.S. sections, Greg Hebertson, Jim Grubb, and Ralph Baird were elected as new Gulf Coast Councilors for the 2011–14 term. They join Stewart Chuber and William Meaney to represent the section. Debra Osborne was elected to represent the Southwest Section joining Gregg Norman. David Morse (Eastern Section), Joel Alberts and David Tschopp (Mid-Continent Section), Bob Countryman (Pacific Section), and Jeff Brame (Rocky Mountain Section) rounded out our domestic councilors. Thanks to each of them for their service to the DPA and the AAPG. They are fine representatives of the DPA members in their Sections. A special thank you to David Morse, Bob Countryman, and Jeff Brame for their service as councilors as their terms come to an end.

Internationally, we had councilors representing all regions with the exception of Latin America. International councilors for the 2011–2012 term were Bob Shoup (Asia Pacific Region), Bill Haskett (Canada

Region), John Brooks (Europe Region), Adebayo Oladele Akinpelu (Africa Region), and Jim Tucker (Middle East Region). Thanks to each of them for their commitment to the DPA and the AAPG. It is a challenge for the DPA to grow globally and we appreciate these gentlemen being the trailblazers for representation in our international regions.

Looking forward to the 2012–2015 term, president-elect Charles Sternbach put together a fine slate of nominees to fill the vacant councilor positions. Patrick M. Imbrogno was elected councilor for the Eastern Section with Jay G. Henthorne and Hannes E. Leetaru as alternates. Donna S. Anderson and Robert F. Garvin were elected as councilors for the Rocky Mountain Section with Clifford C. Clark, Peggy Williams, David A. Wavrek, and Jeff Brame as alternates. John T. Williams was elected councilor for the Pacific Section with Kurt E. Neher as alternate.

In our international regions, Robert C. Shoup was elected councilor for Asia-Pacific with Abul “Shams” Shamsuddin as alternate. William J. Haskett was elected councilor for Canada Region with Sanjeev S. Thakur as alternate. John R. V. Brooks was elected councilor for European Region with Iain P. Wright as alternate. We’re pleased to welcome our first councilor for the Latin America Region with Flavio J. Feijo elected as councilor and Hector San Martin as alternate.

To kick-off our 2011–2012 term, our EC held a half-day summit in early August 2011 along with key committee chairs to brainstorm our objectives for the term. Building on last year’s business plan put together by past president Dan Tearpock and his executive committee, the following main themes were identified as focus areas.

International Presence

Growing DPA globally is a challenge and is a long-term goal. Demonstrating the value of certification is a challenge both globally and domestically. As noted above, councilors are now in place for all International Regions.

Councilor Engagement

The role of the councilor is critical to the growth of the Division and is outlined in our Bylaws. Councilors are automatically members of the DPA membership committee. By definition, councilors

serve as representatives of their respective section/region and should be aware of the number of certified members within their section/region. Councilors shall inform the leaders of their section/region regarding the DPA’s program of activities, especially as it relates to cooperative participation and service.

Representatives should make monthly announcements at their local society meetings about DPA activities and solicit new members. Charles Sternbach worked throughout our term to explore ways to get our councilors more engaged in representing their Sections and Regions going forward. This initiative will continue next year.

Membership

Rick Fritz was appointed the new chair of our Membership Committee. The DPA needs to build a compelling case for new members. What’s the DPA value proposition? What is our current state and where do we want to be? What is our purpose and has that changed with time? Does our membership process need to be more welcoming? What can we do to enhance our diversity—are we under-represented in various categories? Rick has kicked off a campaign with our councilors to contact high profile AAPG members as a starting point and encourage their membership.

A subcommittee including Charles Sternbach, Rick Fritz, Dan Billman, and Paul Britt spent the year exploring new “revenue growth engines.” One initiative the committee is working on is to have the DPA and AAPG have a bigger presence at NAPE. The committee is working with the AAPG’s Executive Committee to move their proposals forward.

At Leadership Days in Boulder in mid-August, our Young Professionals showed tremendous interest in getting engaged with the DPA. A DPA “member-in-training” concept was discussed and was explored by a subcommittee lead by Dan Billman and a team from the Young Professionals Committee. The committee has recommended the appointment of a Young Professional councilor to serve with the DPA councilors on a non-voting basis.

The approval process for certification has been streamlined this year with applications now being screened electronically by the Board of Certification.

Gathering and Learning

Paul Britt is chair of Conventions. In 2011–2012, we had DPA events at several meetings. At the Eastern Section meeting in September in Washington, D.C. the DPA coordinated an Energy Policy Forum, which was well attended. In October at the Mid-Continent meeting in Oklahoma City, we hosted a luncheon with guest speaker Rayola Dougher from the API. At the AAPG ICE in Milan last October, John Brooks coordinated an excellent program with Tony Hayward as our luncheon speaker discussing the challenges of Energy Security which was followed by an afternoon forum with four speakers discussing a potpourri of topics from the resource endowment offshore the west coast of the United States to who owns the Arctic. Unfortunately, the GCAGS meeting in Veracruz, Mexico was cancelled due to the ongoing security issues being faced in the Region.

At ACE in Long Beach, after our annual business meeting on April 21, we honored the DPA's best and brightest at our annual awards dinner. This year's dinner recognized seven DPA members for their significant contributions to the Division. Mike Party and his committee compiled a well deserving list of awardees. The recipient of the DPA Life Membership award was Rick Ericksen from Jackson, Mississippi. Life Membership is the highest and most prestigious award given by the DPA. Rick joins the elite company of 21 fellow recipients of DPA Life Membership and is well deserving of our highest honor for his continuous service and leadership to the DPA. The DPA's Heritage Award has been awarded five times in the past and this year's recipient is Dan Tearpock of Houston. The Heritage Award is awarded to an individual who is generally well known for their substantial contributions to the industry. These contributions can be significant discoveries, business accomplishments and/or their work in academia and publishing. Ideally, the awardee will be an individual who has built a reputation for success within the industry and has taken a proactive role in passing their knowledge and experiences to the next generation. When thinking about the criteria for this award, I can't think of a more deserving candidate than Dan through his business and leadership with the DPA. We have two recipients of our Distinguished Service Award, Paul Britt of Houston and Craig Reynolds of Wichita Falls, Texas. Certificates of Merit were awarded to John Brooks of Brookwood, United Kingdom; Dave Entzminger of Midland, Texas; and Deborah Sacrey of Houston.

President-elect Sternbach also organized another Discovery Thinking Forum, a joint DPA/AAPG initiative. These talks enable AAPG members to see and hear about discoveries from those who know them well. In addition to learning about personal and professional challenges surmounted by the discoverers on the path to success, the format has evolved to include technical data about trends and discoveries. This session focused on "Exciting New Discoveries in Old Areas." This was the fifth presentation of the AAPG 100th Anniversary Committee's program recognizing "100 who made a difference." Talks from the Pacific, Rocky Mountain, and West Texas were of particular interest for a meeting on the West Coast.

Our annual luncheon was held Tuesday, April 24, in conjunction with PROWESS, and featured two informative presentations by two respected members of the academic community—Sally Benson (Stanford University, California) and Sharon Mosher (University of Texas, Austin). Benson, director of the Global Climate Energy Project at Stanford University, spoke on "Following your Convictions: Even When the Going Gets Tough." Mosher, dean of the Jackson School of Geosciences at the University of Texas at Austin, spoke on "Building a Diverse and Sustainable Geoscience Work Force." Benson is a groundwater hydrologist and reservoir engineer who has conducted research to address a range of issues related to energy and the environment. She currently serves on the board of directors of the National Renewal Energy Laboratory and Climate Central. Mosher is the founder and past chair of GeoScienceWorld, an international journal aggregation for geoscientists. She is currently president-elect of the American Geological Institute.

Following the annual meeting, the 2012 Southwest Section meeting was held in Fort Worth, Texas with a DPA Breakfast featuring AAPG Ethics lecturer Rusty Riese. The committee is also working on programs for the upcoming term with the Rocky Mountain Section meeting in Grand Junction, Eastern Section meeting in Cleveland, Gulf Coast Section meeting in Austin, ICE in Singapore (several technical sessions and luncheon with guest speaker Scott Tinker) and the 2013 ACE in Pittsburgh.

Governmental Affairs

Our presence in Washington is more important than ever. The AAPG's Executive Committee re-authorized the Geo-DC office in their June meeting. The search to replace David Curtiss is ongoing

and in the interim, the Geo-DC Board of Governors is responsible for the office. The Geo-DC office plays a valuable role for the AAPG membership and our goal is to assure that its operating level of excellence persists.

Fiscal Responsibility

Beginning with the 2012–2013 fiscal year, DPA dues will increase from \$40 to \$50. This dues increase, the first since 1993, was unanimously passed by the council in order to maintain the value adding services and benefits associated with DPA membership. AAPG president Paul Weimer outlined the AAPG's budget challenges in his October Explorer column. The DPA has the same deficit issues faced by the Association. The status quo is not sustainable and hard decisions like this increase in dues must be taken to partially offset our annual deficit. The DPA's deficit in FY2011 was \$42K with a budgeted FY2012 deficit of \$70K. Several factors are driving this deficit—declining membership and increased expenses associated with DPA events at our annual meeting are two key elements. In addition to this dues increase, we're addressing the revenue side by exploring new growth engines referenced above. On the expense side we significantly modified our DPA Awards dinner in Long Beach to help manage expenses.

Certified Member Class

Those of you who are delegates will recall that at the 2011 HoD annual meeting in Houston, legislation regarding the addition of a certified member category was defeated as the required 2/3-delegate vote was not achieved. This debate has been tabled until the HoD evaluated proposals on membership simplification at Long Beach.

Past-president Paul Britt told me when I became president-elect that about 40% of my role would be filled by unexpected events. This year's unexpected event has been the Texas Bureau of Professional Geoscientists (TBPG) proposed rule changes announced in late September regarding mandatory licensure of geoscientists in Texas. Secretary Mark Gallagher took the lead in drafting a response to the TBPG on behalf of the DPA and AAPG.

In closing I would like to thank my employer, Nexen Petroleum USA, who has been fully supportive of my three-year term serving the DPA and AAPG.

Marty Hewitt, DPA President

Division of Environmental Geosciences

Mission Statement and Purpose

- Educating the membership of AAPG and the general public about important issues that affect petroleum energy minerals exploration and production.
- Communicating to the general public and government agencies the Association's commitment to protect the environment while developing the world's natural resources in a responsible manner.
- Applying the expertise developed in the petroleum/energy minerals industries and hydrogeology to resolve environmental problems.
- Promoting environmental self-regulation within the petroleum/energy minerals industries.
- Providing relevant educational opportunities and services for professional development of the AAPG membership through seminars and conferences in environmental geosciences, hydrogeology, and related fields.

2011–2012 Objectives

- Representation and programmatic involvement at section, regional, and annual meetings
- Increase active membership through recruitment and advancement of associates
- Communicate more effectively with our membership at large
- Make sure DEG committees and representatives are actively involved
- More joint efforts with other divisions and other societies where possible
- Continue improvement of *Environmental Geosciences* journal
- Continue improvement of DEG website appearance and timeliness
- Increase environmental awareness throughout AAPG

2011–2012 Activities and Accomplishments

- Monthly Executive Committee teleconferences
- New format for DEG website rolled out in Summer 2011 and constant efforts to keep it up to date
- *Environmental Geosciences* went completely digital as of July 1, 2011, and is available on the DEG website.

Greatly decreased our annual division costs, thereby allowing the dues decrease to succeed while keeping the division in good financial shape. Kristin Carter, Editor-in-Chief for the *Environmental Geosciences* journal, has succeeded on keeping the journal producing 3-4 articles per issue for the past year, thereby greatly improving the relevancy and value of the journal compared to several prior years. Special issues are produced and in planning as possible from papers from AAPG and other meetings and in the pipeline.

- Four issues of the new digital, quarterly DEG newsletter (*Spheres of Influence*) distributed via e-mail and available on the DEG website. Spearheaded by Managing Editor Danielle Deemer. Well received thus far and DEG leaders working to help keep the material fresh and interesting for members.
- Strong DEG program at the 2012 AAPG ACE in Long Beach with four technical sessions, a short course, and a field trip. Annual luncheon oversold with Steve Leiferspeaking on "Hydraulic Fracturing: Separating Myth from Reality."
- Joint DEG-EMD luncheon at 2012 ICE in Singapore on "Water Well 'Problems' in Areas of Unconventional Resource Developments: Appearances are Deceiving and Solutions are Many."
- Joint Workshop on March 29, 2012 with SAGEEP annual conference on "Hydrofracturing 101: What Is It, What Are The Issues, and How Can Geophysics Help?"; includes future special issue of EG journal on this topic area
- Joint DEG-EMD Geoscience Technology Workshop on Hydraulic Fracturing, scheduled for August 13–15, 2012 in Denver.

Discussion from DEG President, Douglas C. Peters (July 2011–June 2012)

The DEG membership drive was successful in moving more than 60 associates to active status or in process for that move. However, due to a number of existing DEG members not paying their dues on time, the division was unable to regain voting status (750 members) on the AAPG Advisory Board by July 1, 2012. Therefore, the DEG membership drives will continue both for encouraging Associates to apply for Active status and

to retain and grow DEG membership in general. We have had great success with attracting students to the division, so another effort will be to keep those members engaged and interested in moving to full membership when qualified after graduating. Likewise, international membership is expected to grow as environmental awareness and government regulations mature outside of North America and Europe. Representatives on the DEG Advisory Board have been appointed for the Asia-Pacific, Canada, Europe, and Latin America regions to aid in keeping abreast of environmental developments in these areas and to provide members in these regions with representation in the division. The Canada Region representative also is serving as a Young Professional voice on the DEG Advisory Board, and other YPs will be brought into DEG when possible. Representative for the African and Middle East regions still are being sought.

We have expanded our efforts to hold joint events within AAPG with sections and divisions, such as the GTW on Hydraulic Fracturing being held in August 2012 jointly with EMD. We are actively seeking cooperation with other technical societies that have similar interests or overlaps with DEG topical areas such as the Engineering and Environmental Geophysical Society and Environmental Division of the Society for Mining, Metallurgy, and Exploration (ED-SME). A joint workshop on hydraulic fracturing was held with EEGS at their annual meeting in Tucson in March 2012, and plans are in the works to have joint events at their 2013 annual meeting in Denver. DEG is a co-sponsor with ED-SME for a meeting in August 2013 in Charleston, West Virginia, on environmental aspects of energy production. Outreach to other societies likewise is in process.

Communications with DEG members and other AAPG members remains a priority. Challenges remain on keeping the DEG website updated and relevant to members and nonmembers. Making sure all members who try to communicate with DEG leadership are responded to and their needs met in some way also needs to remain as a key effort of our leadership.

Douglas C. Peters, President DEG

Asia-Pacific Region

Following elections held in 2012 the Asia Pacific Council comprises

- President and Advisory Council representative: Peter Baillie
- Vice President: Agu Kantsler
- Treasurer: Michael McWalter
- Secretary : Taufik Manan

At the annual Council meeting held in February 2012, it was decided to expand the Council to include

- DL and VGP Coordinator
- Student Chapter Coordinator
- YP Coordinator
- Website Coordinator

These positions are currently held by Guruh Fernando, Geovani Christopher, Reetu Ragini and Agus Uztad respectively.

The 2012 International Conference & Exhibition (ICE) will be held in at the Marina Bay Convention Centre, Singapore from September 16-19t. Host society is SEAPEX and the conference theme is "Asia Pacific Resources: Fuelling the Future".

Principal roles are held by:

- General Chair: Richard Lorentz (who took over from Ian Collins)
- General Vice Chairs: Ian Dunderdale and Peter Baillie

Technical Program Committee:

- Chairs: John Kaldi and Bob Shoup
- Vice Chairs: Joe Lambiase and Keith Maynard
- Short Courses: Huw Evans
- Field Trips: Chris Howells
- Judging: Mark Beeson
- Students: Bill Houston

Adrienne Pereira, regional Programs Manager, continues to organize a successful series of workshops and short courses through the region. Three GTWs were conducted during the year:

- GTW 1, "Pore Pressure & Related Matters", October 27–29, 2011, Singapore, 88 registrants and 21 presenters; Mark Tingay, University of Adelaide was Convenor. Two short courses by Richard Swarbrick and Mark Tingay were book-end events.
- GTW 2, a joint event with EAGE, "Fractured Carbonate Reservoirs", February 15–17, 2012, Bali, Indonesia, 132 registrants, 30 presenters; Julie Kupecz of Pearl Energy Indonesia was Convenor. The event was supported by the Indonesia Petroleum Association

and also included a Core Workshop.

- GTW 3, "Unconventional Hydrocarbon Plays in Asia", March 15–16, Singapore, 90 registrants and 20 presenters; Dylan Mair, IHS Singapore was Convenor.

More Geosciences Technology Workshops (GTWs) are planned for the region.

The Imperial Barrel Award continues to be well supported in the region: eight teams participated with regional judging take place from February 29 to 2 March 2, 2012. Regional winners Khon Kaen University (Thailand) took second place at the 2012 finals held in Long Beach, California. Warmest congratulations to the team, who did a fantastic job. The level of all participants bodes well for the future of our industry.

We continue to have very active student participation through our Student Chapters. Our region boasts the most active student chapters in the Association with a total of 44 chapters, 27 of which are active chapters, with the balance targeted for revival.

Distinguished Lecturers to the region were Dale Issler, Geological Survey of Canada and Steve Dorobek, BP Houston. We need to have more visiting geoscientists give talks at our universities.

Although we continue to be very well served by our priceless band of enthusiastic volunteers, we urgently need volunteers to help with

- Events planned for the region – concepts, speakers, topics
- Sponsorships for our events
- Imperial Barrel Award Competition
- Distinguished Lecturer/Visiting Geoscientist Tours
- Increasing membership

The website has been updated, and a Newsletter is planned for the region.

Peter Baillie, President, AAPG Asia Pacific Region

Canada Region

Region meetings take place once monthly (except July/August) in Calgary, Alberta.

Membership

Total membership as of July 11, 2012 for the Region stands at 1,532, vs. 1,611 in 2011 and 1,644 in 2010.

Imperial Barrel Award Program

- Fifth annual Canada Region IBA competition held March 16, 2012 in Calgary.
- Invited 33 Canadian universities to participate with a budget to accept seven schools.
- Six universities competed (Western Ontario, Memorial, McMaster, Calgary, Alberta, and Dalhousie). Acadia withdrew just before the competition.
- Memorial University won the Canada Regionals and went on to compete in Long Beach in the Globals.
- Canada has placed 4th, 3rd and 2nd, respectively, in the previous three years of global competition.
- Very positive IBA feedback.
- Excellent "seed event" to initiate student chapter growth, awareness of AAPG regional presence and services, build Canada-wide volunteer base, attract new members, and encourage interest in petroleum geology.
- Thank you to our Region sponsors for this event: Apache, ConocoPhillips, CSEG Foundation, Encana, ESSO, Husky Energy, Nexen, Talisman Energy, AAPG, AAPG Canada Region.
- In 2013 will target seven universities.

Student Chapters

- Currently there are seven Student Chapters (University of Alberta, University of Calgary, University of Manitoba, University of Regina, Dalhousie, Queen's University and University of Western Ontario).

Affiliated Societies

- The Atlantic Geoscience Society, Canadian Society of Petroleum Geologists (CSPG) and Saskatchewan Geological Society are affiliated Societies within Canada

2012 Honors and Awards

- Honorary Member of the House: George Eynon
- Gustavus E. Archie Memorial Grant: Greg M. Baniak
- Certificate of Merit: Dr. Mark Cooper, David A. Dolph

- Foundation Professorial Award: Grant D. Wach
- Grants-in-Aid: Martin D. Hewitt
Named Grant – New student award for McMaster University

Canada Region AGM

- Held in Long Beach during ACE conference on April 24, 2011.
- 80–100 in attendance

AAPG Canada Region Local-Student Chapter Leadership Symposium

- University of Western Ontario - November 25– 27, 2011
- Seven universities represented – McMaster University, University of Waterloo, Queen's University, University of Western Ontario, Carleton University, University of Toronto, Brock University.
- Sponsors: Canada Region AAPG, AAPG, Canadian Society of Exploration Geophysicists, Ontario Petroleum Institute, University of Western Ontario

Committee members for AAPG Committees

- Based on a call for volunteers for representation on various committees the Canada Region had the following individuals volunteering on these committees:
- Stephen Bend–Honors and Awards
- John Hogg–HoD Constitution and Bylaws Committee
- David Dolph–Regions Committees, Nominations and Elections (chair)

Regional Election

- The Region held an election May 10, 2012. New Officers and Delegates for 2012–13 will be
- Ross Clark (incoming president)
- David Dolph (Past-President)
- Ken Hansen (VP/Treasurer)
- Ryan Lemiski (Secretary/Foreman)
- Paul English (Advisory Council Rep)
- Anne Hargreaves
- David Scott
- Ryan Lemiski
- David Brown
- Grant Wach
- John Hogg
- Marty Hewitt
- George Strother-Stewart

Ross A. Clark, President, Canada Region

European Region

There were a number of achievements and overall growth of AAPG's presence in Europe during 2011–2012. With our professional staff of Europe office in

London and their help it looks optimistic that the region is looking at a decent measure of follow-up success as far as educational programs and other activities.

The key issues we face are

- Promotion of active membership
- Managing transition from student to professional membership
- Broadcasting products and services
- Provision of services/support to student chapters
- Identifying European lecturers and visiting geoscientists conferences

The AAPG European Region and the Moroccan Association of Petroleum Geologists co-hosted a conference on Northwest African exploration and geology in October 2011 in Marrakech.

ICE went to Europe in October 2011 and visited Milan, Italy. This show is the one we can be proud of as European Region to welcome all of the international attendees there. A strong technical program plus an historically inspiring setting helped make the 2011 International Conference and Exhibition a world-class winner. Attendees totaled 1,989 from 70 countries around the globe, making it the fifth largest ICE in AAPG history. Several of the technical sessions attracted standing-room-only crowds, confirming what organizers called a technical program that covered all the hot topics of petroleum geology. Our "thank you" goes to all of our ER AAPG members that have been involved in organization. They truly deserve our recognition as well as all of the sponsors for their generous support.

APPEX, the annual international E&P deal forum, took place at the Business Design Centre in London, Islington. For 10 years now APPEX has brought together principals, senior managers, business developers and new venture managers for an unmatched opportunity to network and do business with NOCs, governments and global E&P deal-makers and decision-makers. Over two-and-a-half days, 600+ attendees explored current and future trends in international business, new oil and gas hot-spots, and discovered and debated dozens of upcoming prospects from around the globe. All this took place in a relaxed, friendly environment that has been carefully designed for maximum networking, allowing attendees to buy, sell and trade prospects and properties, find new strategic partners and clients, and stay one step ahead of the competition. Accompanying the conference and exhibition one short course was presented by Ted Beaumont, AAPG president-elect. AAPG President Paul Weimer visited universities in UK, and also David Curtiss,

AAPG Executive Director was present at APPEX.

Warsaw was the venue for a Geosciences Technical Workshop on unconventional gas shales in Poland, which was held in May 2012. The workshop attracted an audience of industry, government and academic delegates. The format of the workshop followed a trusted formula of oral presentations during the morning followed by break-out discussion sessions in the afternoon. Oral presentations covered play analogues, shale deposition and lithology, reservoir characteristics and analysis and commercial development and exploitation. There was a diverse range of discussion topics including porosity/permeability prediction, reserves assessment, play definition and lateral variation, model validation and the environmental aspects of hydraulic fracturing. There was a general consensus at the end of the workshop that Polish gas shales could indeed yield promising results.

Student and Young Professional Activities

The ER Council is very much aware that the future of the geoscience community is dependent on the students and young professionals; therefore, a subcommittee of young professionals was formally established. The subcommittee is in charge of all students and young professional activities, IBA has its own subcommittee.

Twenty university teams from across Europe gathered at the Albion Hotel in Prague on March 15–17 for the European Region IBA competition. The Region played host to nearly 150 students, faculty staff and industry representatives. We were honored by the presence of AAPG Executive Director David Curtiss, who was on his way home to Tulsa after accompanying AAPG president Paul Weimer on a visit to Moscow.

The quality of the exploration evaluations and presentations has improved significantly over the years that the competition has taken place. Team from IFP, Rueil Malmaison, who won the competition, represented Europe in the global finals on April 20–21 prior to ACE in Long Beach. Worthy runners up were Royal Holloway University of London in 2nd place and La Salle Beauvais in 3rd place. The judges were extremely complimentary about the overall quality of the presentations with nearly 50% of the teams achieving a score in the upper quartile.

The Region has given financial support to various student chapters in order that they can organize field trips, lectures, and

other events. We have also been trying to promote the creation of more Young Professionals Chapters linked to our student chapters, to manage the transition between university and profession.

Education

Lisbon Education Week took place in February at Lisbon University. Two courses on introduction to deepwater hydrocarbon exploration and seismic interpretation applied to hydrocarbon exploration attracted 30 delegates in total.

AAPG President Paul Weimer's postponed tour took place in Europe in March. He visited Moscow, Russia; Kiev, Ukraine; Bucharest, Romania; Budapest, Hungary; Vienna and Leoben, Austria; Czech Republic; and Brno and Warsaw, Poland. He taught his short courses in a total of seven cities and promoted AAPG to students, young professionals, as well as other members of AAPG.

International DL speaker for Europe, Quinn Passey from ExxonMobil, came to Europe to speak about gas shales. He was in Europe late March/early April and had a great success during his tour speaking in Vienna, Brno, Budapest, Bucharest, Kiev, The Hague, Hamburg, Geneva, Milan, Madrid, and Lisbon.

Newsletter

The newsletter's mission is to keep the members updated on technical topics as well as worthy news of the European geosciences community. The initiative is driven by Karen Wagner, Statoil, who is acting as chief editor. The ER Newsletter, *Unlocking the Future*, comes quarterly with regular contributions like R&D projects coordinated by William R. Sassi, IFP; exploration country focus papers coordinated by Karen Wagner; news from the region, student chapters and IBA activities, and regional conferences and seminars.

Membership

As of June 30, 2012 membership in the Region is over 3,600, slightly up on 2010–2011 and about 10 percent of the total AAPG membership. We currently have 37 active student chapters and three young professional chapters.

Council Meetings

The Council regularly meets quarterly to ensure that targets and objectives are being met, showing full commitment to the region and its members. The ER president is in regular contact with the AAPG London office and also meets with the president-elect and past president

regularly every other week or by purpose and when needed.

Vlastimila Dvorakova, President

Latin America Region

2013 Cartagena Ice

- AAPG Executive Committee approves bringing ICE to Cartagena, Colombia—April 2011
- Launched event with sponsorship of the National Hydrocarbons Agency and Ecopetrol—December 2011
- Visit to Colombia by Alan Wegener and Randa Reeder-Briggs. Key meetings with President of Ecopetrol, Vice Minister of Mines & Energy, President of National Hydrocarbons Agency (ANH)—January 2012
- Kick off meeting with Cartagena convention center staff and local service providers. Meetings with General Chair, General Vice-Chair, Technical Program Chair and President of ACGGP—January 2012
- Agreements to jointly conduct AAPG 2013 ICE signed with Latin America Region and affiliate society ACGGP—June 2012
- Defined slogan for event: Energy for Integration and Prosperity
- Secured two principal sponsors (Ecopetrol \$150k and ANH \$200k). Ongoing discussions with PRE, BP, Shell, Halliburton, Schlumberger, Baker-Hughes, Talisman, and others. All confirmed their support
- Organizing committee in place—March 2012
- Technical program discussed in detail. Themes and theme chairs have been defined—May 2012
- Planning visit of Ted Beaumont, David Curtiss and Carol McGowen to Cartagena and Bogota. Appointments confirmed with high-level government officials and industry representatives—July 2012
- Promotional events for 2013 ICE done/planned at Long Beach ACE, Singapore ICE, Cartagena Sub Andean Basins Exploration Symposium, and T&T Geological Congress

Geoscience Technology Workshops (GTWs)

- GTW Argentina- Buenos Aires—June 2011
- Resource Plays in Tight Unconventional Reservoirs:

Multi-Disciplinary Issues, Problems, opportunities, directions

- GTW Colombia-Bogota—December 2011
- Unconventional Resources: New Ideas for New Challenges-From Heavy Oil to Shale Gas/Shale Oil Opportunities
- GTW Brazil- Rio de Janeiro—July 2012
- Unconventional Resources: New Ideas for Future Challenges in Brazil
- Planning two additional GTW's: in Lima, Peru on Fold and Thrust Belt Exploration (March 2013) and in Buenos Aires, Argentina, on unconventional resources (December 2012?)
- All GTW's have been well attended and well received. Financial successes providing funds for Latin America Region and local affiliate societies

IBA Regional Competition

- Ten universities from four countries attended regional competition in Buenos Aires, Argentina—March 2012
- Strong support from local society and YPF
- 1st place team: Universidad Simon Bolivar, Caracas, Venezuela

Young Professionals/Students

- YP committees established in Bogota, Lima, Maracaibo, Buenos Aires. Brazil is the next goal
- Manning of AAPG booth at Sub Andean Basins Exploration Symposium, Cartagena—July 2012
- Working on bringing students to attend Shell distinguished lectures in the region
- Student chapters activated in Argentina (1), Brazil (2), Colombia (4), Ecuador (1), Peru (3), Trinidad & Tobago (1), and Venezuela (2)
- Following next GTW's organize networking/membership receptions for students, professors, YP's

Latin America Region Office in Bogota

- Working with local association ACGGP to hire event planner/administrative assistant to support Region's key activities, including Cartagena ICE
- Office rental in shared office space with affiliate society

**Miguel Tecnico, President,
Latin America Region**

Eastern Section

One of the advantages of providing for a succession of officers, such as the Eastern Section is set up to do, is the continuation of prior significant projects. Previous administration placed an emphasis on seeking the input of new young members both through hosting assemblies at local and national meetings, providing speakers at college and universities, establishing new potential student chapters, and extending the IBA program to more venues.

It is this attempt to offset the graying of the organization, a situation that is not only confined to AAPG but to other organizations as well, that these efforts affect. This project continued in 2012 with several approaches.

The gathering of young people at the Eastern Section annual meeting in Washington, DC, along with a job quest program was received by a record number of participants. Additional gatherings at such venues as the University of North Carolina carried this approach further afield with great success.

The speaking at new gatherings, such as at Marshall University, resulted in a potential new student chapter. The great number of colleges and universities that have geology programs in the Eastern Section provides the opportunity to expand this approach even further.

The IBA program expanded this year to include three teams that competed for the first time. In fact, one of the first-time teams, Penn State University, achieved first place and went on to exhibit a dominate show at the annual convention in Long Beach. A total of eight teams participated this year and we are looking for the program to expand even further next year. One interesting facet of the Penn State team was it was advised by a faculty member who had been a participant in the program while she was a student at the University of Wyoming—an indication that the program had come “full circle.”

As a submission for the best efforts program, the section used the North Carolina gathering as an approach that can be used by other sections.

The section finds itself in an enviable position of financial security and has plans to utilize excess funds to continue the above-mentioned programs.

The Teacher of the Year competition expanded this year with a record number of participants that will provide the potential of some carry-over for next year's awards. Although we lost out at the national level, we were satisfied with the quality of those from which we had to choose.

We are presently looking forward to the section annual meeting to be held in Cleveland, Ohio in the near future. It is being held at an optional time when this portion of the section is seeing an extensive exploration into the potential of the Utica Shale formation and should provide the emphasis for a record gathering.

The greatest challenge, however, for the section will be the successful hosting of the AAPG annual meeting in Pittsburgh, Pennsylvania, in May 2013. Extensive planning has been going on and it is our intention to show that this geographic area can also be an attractive draw for the international community. Current oil and gas activity, particularly in the unconventional venue, in the mature Appalachian Basin should provide for an exciting gathering.

The Eastern Section looks forward to the continuation of programs that are necessary for the health of our organization and invite all to join us at both the section annual meeting and the national annual meeting.

David E. Harmon, President-Eastern Section

Gulf Coast Section

Annual Convention

The 61st Annual GCAGS Convention scheduled for October 16–19, 2011 in Veracruz, Mexico was cancelled due to increasing drug-related violence in the area surrounding the convention center. The 2011 Transactions will be published, and part of the 2011 technical program will be presented as a symposium of talks from Veracruz on the final day of the 2012 Convention in Austin. The decision to cancel the 2011 Convention was difficult and regrettable, but necessary to protect the safety of our participants and the reputation of the GCAGS. The 2011 convention planning team worked exceptionally hard and we are certain the event would have been technically rewarding.

Preparations and planning are on track for the 2012 Convention that will be held in Austin, Texas, October 21–24. The theme of the 62nd Annual Convention is Solving for E³ (Energy, Environment and Economy). The technical program will consist of about 130 poster and oral presentations planned for Monday and Tuesday, plus an additional 30 presentations for the “Talks from Veracruz” special session on Wednesday. In addition, there will be seven short

courses and four field trips spread out over the week.

The convention looks like it will be a huge financial success. Sponsorships are extremely strong and early registration is going very well.

We are also pleased to announce the new GCAGS Memoir Series: Gulf Coast Geology. Beginning with the 2012 Annual Convention in Austin, Texas, GCAGS will publish a yearly collection of formally peer-reviewed articles. The memoir series will focus on all geoscientific aspects of the greater Gulf of Mexico region. A hardbound memoir will be produced each year in concert with the traditional GCAGS Transactions volume, and both will be distributed at the yearly convention. Tucker Hentz is serving as editor of the memoir for three years and editorial board representing several of the member societies is overseeing the review process. Each memoir will consist of 10 to 20 articles selected by the editorial board from among the most timely and significant abstracts submitted for the Transactions each year. The volume will also contain invited papers. Like Transactions contributors, authors of memoir articles will make either an oral or poster presentation at the annual convention.

The 2012 Memoir includes 13 full-length, formally peer reviewed articles on topics that include the burial and thermal history of the Haynesville Shale, current and future water demand by Texas oil and gas producers, modeling of the Mesozoic-Cenozoic structural evolution of East Texas Basin, a new outcrop study of the Eagle Ford Shale in Lozier Canyon, Texas, and the Cretaceous-Paleogene boundary on the Brazos River, Texas, among others.

Student and Faculty Support

The GCAGS Student Grant Committee received a total of 12 research proposals from 11 schools for the 2012 Program. This is down from the average number of proposals (16) that we have been receiving in recent years. Various levels of funding were approved for 12 proposals totaling \$14,700.

The GCAGS Faculty Grant Committee received a total of seven research proposals from five Gulf Coast schools for the 2012 grant program, the two top-rated of which will receive \$10,000 and \$5,000 awards, respectively.

The GCAGS held the section's 2012 Imperial Barrel Award competition on Friday, March 30th at the Schlumberger SIS facility in Houston. Ten teams took part in the competition. The University of Louisiana, Lafayette placed first,

University of Texas at Austin was second, and the University of Houston was third. The University of Louisiana, Lafayette went on to represent the Gulf Coast Section in the global competition at the AAPG Convention in Houston, where they also took first place! The GCAGS is extremely proud of the students from ULL (Daniel Dudley, Chris Hatamian, Sarah Beth Maxwell, Joey and Mike Lahey) and their faculty advisor, Brian Lock.

AAPG Student Chapter Support: The GCAGS will continue to provide \$1,000 in support for student travel to the Student Chapter Leadership Summit each summer.

Governance

The GCAGS Continuity Committee is conducting a review of its Constitution and Bylaws in an attempt to make them more in line with actual practice.

Financial Status

Despite the losses associated with the 2011 convention, the GCAGS is in fine financial condition. Successful past annual conventions, secondary income from publication sales and investments, and a likely strongly positive revenue convention in Austin this year provide a bit of a cushion. The GCAGS anticipates a continuation of the support for existing programs to students, faculties, schools and affiliated societies.

Scott W. Tinker, President, GCAGS

Mid-Continent Section

Annual Section Meeting

In October 2011 the Mid-Continent Section Meeting of AAPG was held in Oklahoma City, Oklahoma. Volunteers from Oklahoma City Geological Society, the Oklahoma City Geological Foundation, the Oklahoma Geological Survey, GeoWives, the AAPG Mid-Continent Section Executive Committee, and the staff of AAPG headquarters all came together to make this event a huge success. Over 1,000 members, guests, spouses, and exhibitors came together to present, exhibit, or have involvement in

36 papers in the technical session, 39 posters, 8 short courses and 2 field trips. Eighty exhibitors were displayed in the exhibit hall—a very successful convention technically and financially.

At the AAPG convention in Long Beach the section met and honored requests for scholarships, grants, and support for over \$21,000. These monies went to various member societies.

A new “best practice” was established with a conference and field trip held in the years in which a member society does not hold a regional convention. The first of its kind for the Mid-Continent section will be held in Amarillo, Texas in October of 2012.

Ernie Morrison, President, Mid-Continent Section

Rocky Mountain Section

The Rocky Mountain Section of AAPG represents the more than 3,300 AAPG members residing in the 11 state area of the Section. There are 11 Affiliated Societies within the area. Current officers are president Bob Suydam, president-elect Mike Vanden Berg, secretary-treasurer Elmo Brown, secretary-treasurer elect Sue Cluff, and past president Tom Anderson.

Annual Section Meetings

The Section holds annual technical meetings focused on energy related developments in the Rocky Mountain basins. The host affiliate is determined four years in advance of the meeting by request to the Section Executive Committee. This year's meeting will be held in Grand Junction in September and will be hosted by the Grand Junction Geological Society for the first time. Last year's very successful meeting was held in Cheyenne in June.

The schedule for future annual meetings of the Section and host affiliate is as follows:

- 2013 Salt Lake City, UT – Utah Geological Association
- 2014 Denver CO – Rocky Mountain Association of Geologists
- 2015 bye year due to ACE being held in Denver
- 2016 Joint meeting in planning with Pacific Section

Imperial Barrel Award Regional Contest

The 2012 winner was Colorado School of Mines with an exceptional presentation of a dataset from onshore Netherlands. Brigham Young University - Idaho was second with an all-undergraduate team that did a presentation from a dataset offshore Nova Scotia. This year's contest was under attended due to a number of embracing universities not having enough students to form teams. It is anticipated that next year's competition will be back to normal with six or more universities attending. The RMS IBA competition is entirely self-funded by donations from industry, RMS Foundation, and societies. Kim Parsons, former RMS president coordinates this highly successful contest.

Rocky Mountain Section – AAPG Foundation

The Rocky Mountain Section AAPG Foundation is run by a board of dedicated volunteers whose mission is to provide financial support through grants and gifts to affiliated societies, schools, and other organizations promoting geologic sciences. The Foundation has assets exceeding \$325,000 and receives periodic transfers of funds from profits realized at annual RMS Section Meetings.

Teacher of the Year

The RMS participates in the annual Earth Science Teacher of the Year competition to honor outstanding earth science educators in our secondary schools. The Section encourages participation from the entire area encompassing the Rocky Mountain Section, not just the 11 affiliates. This year we had a nominee from a state that has no affiliate and we anticipate that this will happen more in the future as knowledge of the competition spreads. Our 2011–2012 nominee, Jonna Gentry from Lakewood, Colorado, went on to receive the overall AAPG Excellence in Teaching Award at the ACE in Long Beach in April.

Bob Suydam, President, 2011–2012

100th Anniversary (Ad Hoc)

The charge of the Committee is to research, develop and produce a plan recognizing the 100th Anniversary of the founding of AAPG in 1917.

The AAPG's 100th Anniversary Committee accomplished most of its intended goals for 2011–2012. Progress was made on each of our five planned projects. In addition, we added a sixth project at our annual convention in Long Beach: History of Science and Technology in the Petroleum Industry.

Discovery Thinking Forums Project

Chaired by Charles Sternbach and Ed Dolly, with Paul Weimer contributing many ideas for past and future presentations. Discovery Thinking Forums were held at the AAPG Annual Convention in Long Beach, Calif. in April and will be held in Singapore later this year. With the respective presenter's permission, the presentations are being videotaped and will be available for viewing on the AAPG Search and Discovery website. We will continue these forums through 2017, with speakers providing up-to-date data on some of the major successful exploration finds of the past few years.

Field Guides Project

Chaired by Andrew Hurst. The Field Guides team worked on assembling a technical staff of experts for each category of field trips. We plan to prepare 30 to 60 field guide outcrop studies that have changed the way we practice petroleum geology. In the next year, Andrew's team will select the field trips and the person or persons to do the field work, photography and write-ups for each guide.

Landmark Papers Project

Chaired by Randi Martinsen. 100 to 200 of the most significant core principle papers and papers on discovery thinking will be selected by Randi's technical staff of experts in specific geologic areas. This next year, highly regarded papers will be collected.

Geo-Legend Videotaped Personal Interviews Project

Chaired by Paul Weimer and Ed Dolly, with the help of Charles Sternbach, Daniel Minisini and Will Green. To date we have videotaped interviews with more than 50 geo-legend leaders. First round edits have been made on each

of those interviews, and final editing will be done during the next year. More interviews, as many as 20, are planned next year as well.

History of AAPG 1917–2017 Project

Chaired by Rick Fritz. Rick has begun to collect data and photographs for the written history of AAPG. He will continue the data collection during the next year with some assistance from AAPG staff.

New Project: History of Science and Technology in the Petroleum Industry Project

Chaired by Dave Rensink. This idea was brought to our committee by Hans Krause, chair of the History of Petroleum Geology Committee, and proposed as a project for the 100th Anniversary of AAPG by Janet Combes. The deliverable will be a comprehensive exhibit for the Houston Museum of Natural Sciences, portable so that it can be taken to AAPG conference sites.

We also designed a committee webpage that we plan to have up and running during the 2012-2013 calendar year. We intend to begin posting completed segments from each project as they are finalized for AAPG members to observe and use. Steve Sonnenberg will serve as the committee webmaster.

Edward D. Dolly, Chair

Committee members: Edward D. Dolly (chair), David Rensink, Stephen A. Sonnenberg, Paul Weimer, and Laura Cutright Zahm

AAPG/SEG Cooperation Committee

This committee is composed of equal representation from both AAPG and SEG. During the past year both AAPG and SEG have elected to make this a permanent committee and remove its "ad hoc" status. The purpose of the joint committee is to identify and recommend various means by which AAPG and SEG may cooperate to better serve geoscientists.

Actions

Since being formed in Fall 2008, the committee has met at least twice per year at each of the annual meetings of the two societies. The 2011/2012 year was no exception with meetings at the

SEG and AAPG annual meetings in San Antonio and Long Beach.

The most significant accomplishment by the committee in the past year was the successful hosting of a joint strategic summit with leadership from both societies. Attendees included the President, President-Elect, Executive Director, other members of Executive Committee and senior staff from both societies. The Chair and Vice-Chair of the AAPG/SEG Cooperation Committee proposed and managed the meeting agenda. The summit meeting conveniently occurred during NAPE in Houston February 23, 2012.

Prior to the summit meeting, staffs from both societies collected data on membership and conducted a survey to assist in meeting discussions. Highlights of the pre-meeting survey included

1. About 3,000 survey responses were received in a short time frame. Respondents were mostly older than 45, lived in North America and were involved in E&P or research. They were about evenly split between AAPG and SEG membership.
2. Respondents supported joint publications, conferences and reciprocal pricing for such offerings.
3. Currently, a relatively small number of members attend the annual meetings of the other society. Almost 6% of SEG membership is also an AAPG member and about 10% of SEG annual meeting attendees are also AAPG members. About 1/3 of SEG annual meeting attendees are from non-US. At AAPG annual meetings, non-US attendees form a lesser % than SEG's, but SEG member attendance is greater. Conclusion from summit was that offering reciprocal member rates to both society's members would not have a negative impact on revenue or attendance. Likewise offering SEG members an opportunity to partner with AAPG on international conference would not have a large impact on SEG annual meeting attendance.

Action Items from discussions at meeting

1. Affiliated Society Status: AAPG and SEG should be affiliated societies so that members of each can receive member pricing on all education offerings, conferences, meetings, and publications. In addition, larger events

should be jointly publicized. Staffs will investigate current status, research respective by-laws and reply to Committee. Staff will also recommend best means of publicizing events by other Society.

2. MOU on all joint offerings: Staffs will collaborate to draft an overarching MOU to cover meetings, workshops, publications and D&P Forum. Staffs will deliver MOU to Committee, which will forward to respective EC's for edits and approvals. Included in the MOU will be international meetings, like AAPG's ICE and other topical international meetings.
3. Combined calendar: Staffs will assemble a common calendar that lists all future events currently scheduled. The listing should include all larger events that would appeal to general membership, not including local events. Staffs will report the calendar to Committee.
4. Joint Student Membership: Staff will recommend a mechanism for joint student membership to Committee, which can be forwarded to EC's. Staff may survey the student membership to determine benefits.
5. Combined Committees: Committee will review various AAPG and SEG committees and recommend those that might be combined. This is especially important for Distinguished Lecture committees. SEG Committee members will review IQ Earth to determine how AAPG can be involved. Recommendation to EC's.
6. AAPG and SEG Presidents should write joint Presidential columns in Explorer and Leading Edge at least annually.
7. Staffs to refresh White Paper on cooperation and present to Committee for review and forwarding to EC's.
8. Foundations: Committee to recommend to AAPG Foundation that SEG Trustee Associates be invited to AAPG Trustee Associates events. Also Committee to ask SEG Foundation to invite AAPG Foundation to join Geoscientists W/O Borders.
9. Continuity and Accountability: Future summit meetings should be held during Winter NAPE in Houston. The next one is scheduled for February 2013. Committee leaders will facilitate.

Although the summit was very successful, the main task of the AAPG/SEG Cooperation Committee in coming years will be to monitor and report on results of the various commitments by both societies. Much of the meeting in Long Beach in April 2012 was devoted to specific actions needed by staffs and

subsequent reports by this committee to the executive committees.

Lee T. Billingsley, Chair

Committee members: Lee Billingsley (chair), Dick Baille, Bill Barkhouse (vice-chair), Tim Berge, Ed Heath, Mike Forrest, Randy Ray, Elwin Peacock, Eugene Szymanski, and Jim Tucker

Astrogeology

The purpose of the Astrogeology Committee is to provide AAPG members a forum for ideas on astrogeology and its relationship to terrestrial geology and energy issues.

Objectives

Organizing symposia at AAPG and other earth science meetings, recommending speakers for distinguished lectures, encouraging technical sessions and field trips on astrogeology at AAPG meetings, and acting as liaison with groups having similar interests, such as NASA and other geological societies. The Committee encourages digital and/or paper publications on astrogeology. All who are interested in astrogeology, planetary science and their application to energy, environmental and other resource issues are invited to join the Astrogeology Committee.

Relevance

Observation of analogues of terrestrial process on other bodies in the Solar System expands our understanding of Earth's history, structure and evolution. Climate change on Earth is better understood when the two end members of Venus and Mars are considered. Comet composition provides a starting point for understanding the origin and evolution of our oceans. The recent interest in mining rare earth elements and platinum group metals from asteroids and helium-3 and titanium deposits on the moon is facilitated by our understanding of the origin and economics of ore deposits on Earth. The Astrogeology Committee seeks to promote our understanding of Earth and earth process and the application of this understanding to support the development of space resources for the present and the future.

Primary Goal in 2011–2012

The primary goal for the 2011–2012 business year was to complete the submission and review process for papers in the upcoming AAPG Special Publication 101 *Energy Resources for Human Settlement in the Solar System and Earth's Future in Space*. This special

publication, dedicated to William R. Muehlberger, is a review of energy resources in the Solar System, including materials that could sustain future human expeditions and settlements as well as meet Earth's energy challenges in space and on Earth during the 21st century. The three main themes of the special publication are (1) non-terrestrial sources of energy and materials for Earth importation, (2) manufacturing of propellants for exploration of the solar system and transportation systems in space, and (3) sustaining human habitation and settlement of the solar system. As of the end of the business year, all papers for this publication had been through review and most had been revised. The Special Publication is scheduled for release in late 2012.

Other activities include the following.

1. Arranging symposia at AAPG conventions that emphasize all aspects of astrogeology and their application to exploration for energy (or other) resources, including evaluation and production.
 - The Astrogeology Committee sponsored two post-convention field trips at the 2012 AAPG Annual Convention in Long Beach, with the trip to the Jet Propulsion Laboratory led by Don and Cynthia Clarke. Jim Reilly led the field trip to the SpaceX facilities where field-trip participants saw the Falcon Rocket and Dragon spacecraft.
 - The Astrogeology Committee also sponsored both an oral and poster session on astrogeology at the Long Beach convention, with Brian Pitts and William Ambrose as co-chairs. Presenters included Douglas Cook, David King, Art Johnson, Lorena Moscardelli, Bruce Cutright, Richard Denne, and William Ambrose.
2. Establishing a series of AAPG Astrogeology student chapters in conjunction with the overall AAPG Student Chapter system. The goal of these chapters is to connect students who are interested in astrogeology and space exploration with professionals in the aerospace and planetary science community. Activities for the student chapters can include monthly technical meetings with a guest speaker, specific projects in which a local sponsor and/or representative from the Astrogeology Committee participates and establishing contact with representatives from the aerospace

industry and professional organizations in planetary science. Matt Duncan, Astrogeology Committee student liaison, is spearheading these efforts.

Website

The Astrogeology Committee continues to develop its website. Among the posted items are mission statement, goals, business plan, list of committee members and responsibilities, calendar of events, AAPG convention activities including technical sessions, field trips and forums, abstracts, presentations, calls for papers and PowerPoint presentations in an Outreach section. The Committee greatly appreciates the services of Janet Brister who designed, created and updated the website. It can be accessed at the AAPG website Committees area.

James F. Reilly, Interim Chair William A. Ambrose and Bruce Cutright, Co-Vice Chairs

Committee members: The Astrogeology committee welcomed new members Michael Raines, Herbert Vogler III, and Lorena Moscardelli. Jim Reilly served as interim chair and Bruce Cutright and William Ambrose served as co-vice chairs. Don Clarke and Brian Pitts were co-vice chairs for the 2012 AAPG Annual Convention in Long Beach. Matt Duncan was student liaison, Ronald Hart was AAPG staff liaison officer, Laura Zahm served as AAPG Outreach Committee liaison, and William Houston was AAPG EC liaison. Bruce Cutright will continue serving as committee co-vice chair in 2012–13 and Darwin "Trey" Boardman is serving as the new co-vice chair for the 2012–14 term, replacing William Ambrose

Career Services

The purpose of this committee is 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) résumé 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.

During 2011–2012, the Career Service Committee developed and completed a Student Job Search Guidebook, now posted on the AAPG Website, which we anticipate will be a valuable service to our present and future members. It is packed full of helpful information, for students and any member that is interested in advancing their career.

As planned, we developed, completed, and submitted to the Executive Committee, a position and service description for our recommended new "Career Services Coordinator" on AAPG staff. This new staff position in AAPG, if adopted by the Executive Committee, is designed to perform the following important career services to the membership: (1) be the "Career Info Expert" to our members, covering all aspects of career information and counseling for our members; (2) execute career service strategies and plans; (3) coordinate the marketing of job postings for our web center; (4) oversee all content of the online Career Center; (5) manage our Employment Statistics Service (when completed); and (6) coordinate career service programs and projects with the Corporate Advisory Committee.

In addition, we are developing the ideas, strategies, and content for our Employment Statistics Service, and have completed the first step in its design. When completed, we anticipate it tracking current employment trends of our members, compiling historical data on employment for future analysis and member assistance, as well as future trends of employment. Committee members are working diligently to develop these concepts into a valued service for the membership.

All of this committee's programs and services are 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. We're committed to making AAPG be every member's "Career Partner for Life", and help all members fulfill their career goals.

Pat Gordon, Chair

Committee members: Chairman Pat Gordon, Vice-Chairs Clint Moore and Don O'Nesky, Committee members: Jessie Truchan Holland, Marilyn Cisar, Dan Smith, Don Clarke, Paul Britt, Don Burdick, Bob Menzie, Alex Pachos, Emem Ekwo, Chandan Jaiswal, Ben Ramaker.

Distinguished Lecturer

The function of the AAPG Distinguished Lecturer Committee is to select outstanding speakers that will provide lecture tours to affiliated societies and academia on timely subjects relevant to the AAPG. The committee was co-chaired for the term covered by this report (May 2011–May 2012) by Katherine A. Giles and Ole J. Martinsen with administrative support provided by Karen Dotts. Julie Kupez and Craig Shipp served as vice chairs. Julie Kupez withdrew at the end of the term and is now replaced by Matt Jackson as vice chair. The Domestic and International Distinguished Lecturer committees both meet once annually during the AAPG Annual Convention.

A key goal for the DL Committee over the past few years has been to expand the Distinguished Lecture programs to have more presence worldwide. This has posed and still poses a challenge. It is demanding to have a fully coordinated selection process that is both acceptable and adhered to by the international regions.

Several new initiatives arose during the past year that required a reevaluation and slight reorganization of the DL program structure. (1) Shell Oil DL sponsorship. Shell Oil donated funding to AAPG for a DL that would provide both a Domestic tour and an International tour to specific areas. Each year, the targeted international area and the DL will be determined by a subcommittee. The Shell Oil DL subcommittee consists of a Shell professional, the two vice chairs from the DL Committee and two International DL Committee members. The Shell DL is chosen by the subcommittee from the list of DL's slated for the upcoming year. The Shell DL chosen for the 2012-13 tour is Art Saller and he will tour the Asia-Pacific and Canada regions in addition to serving as a Domestic DL. (2) International Regions DL Program. The international regions suggested to the DL Committee that they would like to have more autonomy and would like to establish their own lecturer programs. In order to incorporate these new initiatives into the DL program, the DL Committee chairs suggested reorganization of the DL Program structure into three separate components: (a) Continuation of the Domestic and International programs as before, (b) erection of a Shell-sponsored DL that operates within the Domestic program, but is determined by a separate sub-committee, and (c) International Regions Program whereby speakers are invited and hosted by the regions, but they do not carry the Distinguished Lecturer title

as they have not participated in the rigorous selection process that Domestic and International DL candidates do. Activities in all three components are reported back to the DL program co-chairs during the year and summarized and reported in full to the entire DL program committee during the annual convention. The AAPG Executive Committee approved the proposed restructuring at the 2012 AAPG Annual Convention in Long Beach, Calif.

A total of 11 Distinguished Lecturers were sent out for 2011–2012 tour with 5,281 attendees at their lectures. The DL program is slated to send out a total of nine Domestic DL's for the 2012–2013 tour. We hope to send out at least four International DL's for the 2012–2013 tour. Our attempt to sustain the number of DL's at the current level is increasingly difficult due to increased demands of time on professionals chosen by the DL Committee. In an attempt to ease the process we have tried to move up the timing of the selection process in order to give the selected speakers more time to negotiate their professional schedule with their AAPG DL tour schedule. The revised timing for the selection process is outlined below:

- The list of candidates is now finalized by the end of June.
- Voting by each Domestic DL committee member is done using the web application and is completed by end July.
- The co-chairs review the voting results and will contact the successful individuals in September and October.
- Abstracts are due from DL's by the end of December.
- The AAPG DL Program coordinator forwards the slate of DL's for the next tours to universities and societies starting in early January.
- The slate of DL's for the coming year is announced at the Annual Convention.

This change was made to facilitate the communication of the slate of DL's to affiliated societies and universities in a more timely fashion in order to increase participation in the program.

The International DL selection process is challenging as outlined in last year's report. The purpose of the changes is to provide more autonomy to the Regions but also more accountability for the DL selection process. There are encouraging developments towards these goals in the European and Middle East and Asia/Pacific International regions and efforts are continuing to encourage take-up of the proposals by the other regions. A sub-committee is also under

establishment in the African region. We are working with the guidelines from last year (cf. the 2011 report) but it is a continuous challenge to communicate the approved practices to the regions although we see increased consistency.

**Katherine Giles, Co-chair
Ole J. Martinsen, Co-chair**

Committee members: Fowzia H. Abdullah, Janok P. Bhattacharya, Harris Scott Cander, Ross Alan Clark, Mark Cooper, Stephen Paul Cumella, Herman Darman, Guruh Ferdianto, Katherine Anne Giles (co-chair), Stuart D. Harker, Thomas Edward Hearon IV, Christian J. Heine, John Anthony Howell, Samuel M. Hudson, Matthew David Jackson, Lee Krystinik, Julie Ann Kupecz, Ole Jacob Martinsen (co-chair), Terence Gregory O'Hare, Martin A. Perlmutter, Michael Carl Pope, Greg Schoenborn, Christopher A. Scholz, R. Craig Shipp, J. Anthony Simo, Jayne Alexandra Sloan, Mark David Sonnenfeld, Carl Kristian Steffensen, Bruce David Trudgill, and Joann E. Welton

Ethics

The Ethics Committee is charged with investigating and prosecution of charges of misconduct by AAPG members who are in violation of the AAPG Code of Ethics. Charges of misconduct in violation of the code of ethics (Article IV) of the AAPG Constitution must first be submitted in writing to the Executive Director at Association headquarters with a statement of the evidence on which the charges are based. The Executive Director submits the charges to the Ethics Committee of the Association which is a standing committee and which consists of five (5) members of the Division of Professional Affairs. The AAPG Executive Committee appoints the members of the committee for staggered three (3) year terms.

The Ethics Committee may conduct an investigation to reasonably and thoroughly investigate the charges. If in the judgment of the Ethics Committee and after consultation with AAPG legal counsel, the evidence supports further action by the Association on the charges, the committee prepares and files with the Advisory Council at Association headquarters formal charges against the accused member. Upon such filing the Chairman of the Advisory Council appoints a Hearing Body from the Advisory Council members and the Ethics Committee appoints one of its members

as the prosecutor. The grievance procedures are described in the AAPG Bylaws. The existence of allegations against any member, and the basis and content thereof, is confidential.

The Ethics Committee is also charged with locating and designating a Distinguished Lecturer on Ethics with that person being part of the AAPG's Distinguished Lecturer Program. The Committee shall biennially place in nomination one (1) or more persons who would be willing to provide lectures on the topic of professional ethics and select, by a simple majority committee vote, one (1) person to serve in that capacity.

The Ethics Committee did not have any complaints of ethics violations brought before the Committee in 2012. As a society, we should be pleased with this lack of activity required by this committee. Our current Distinguished Ethics Lecturer, Rusty Riese (retired BP and adjunct professor at Rice University), has completed a very active year on tour presenting his lecture "Oil Spills, Ethics, and Society" over 30 times. He has spoken in front of a diverse group of organizations including ACE in Long Beach, several sectional, regional, and local affiliated societies as well as universities and various non-geoscience groups. His 2013 schedule looks equally ambitious.

I want to thank my 2010–2011 Committee members Michael Fogarty, Norman Hyne, and Robbie Gries, as well as the EC Liaison Stuart Harker, the committee manager Terry O'Hare and Staff Liaison David Curtiss. Our committee of three is very well managed, with these three liaisons!

Bob Countryman, Chair

Committee members: Robert Loren Countryman (chair), Michael Alan Fogarty, Robbie Rice Gries, and Norman John Hyne

Geophysical Integration

The function of the Committee on Geophysical Integration is to promote and support the integration of geophysical data with geological, geophysical and reservoir data by working with the Research Committee, Education Committee, Publications Committee, and with other professional societies in proposing, designing and conducting technical sessions, workshops and short courses at meetings and conferences, in preparing

proposals for Hedberg Conferences and special publications, and seeking authors for technical papers for the Bulletin demonstrating the importance of geophysical integration; to recommend candidates for editor for the Geophysical Corner published in the Explorer; to work with the Geoscience Data Preservation Committee and Education Committee in preparing a listing of public domain geophysical data and promote the preservation of geophysical data; and to facilitate 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) New Publications, and (3) Symposia and Workshops

After distributing copies of last year's (2011) minutes to the attending members of the group, the first order of business of the AAPG Geophysical Integration Group was to inform group members as to who is now heading up the individual group committees. Huyen Bui is now vice chair of the Geophysical Integration Group and heads up the Technical Session Committee. Satinder Chopra is now head of the New Publications Committee. (He will be writing the Geophysical Corner publication in the AAPG Explorer since Bob Hardage is now the SEG president.) Robert "Bob" Wiener, the person heading up the SEG Liaison Committee, did not attend this meeting, nor did he attend the AAPG Convention this year. Evon Hostetter now heads up the Field Studies Committee.

The second order of business was to discuss next year's (2013) AAPG Convention geophysical theme. Since then, the technical coordinators of the Eastern Section of the AAPG decided that they will handle next year's geophysical theme. We did not spend much time discussing possible themes for the 2014 AAPG Convention at Houston.

The third order of business was to discuss upcoming Geophysical Integration Group publications and how they would, and could, be published. (Other than Editor Tim Berge's AAPG publication regarding Hydrocarbon Seeps and the AAPG Explorer's Geophysical Corner publications, no publications have been scheduled for the rest of 2012. A lively discussion ensued regarding how future books could, and should, be published. Specifically, Linda Sternbach thought that hardbound books were becoming passé because of their production and purchase costs, as well as the inherent inconvenience of storing

them. She thought that the AAPG should go directly to e-books to defray publication costs. Satinder Chopra thought that it was not a good idea to phase out hardbound books (nor did I, even though my technical library has been overtaking my house over the years).

The fourth order of business was a discussion of offering geophysical courses and/or geophysical-based webinars to AAPG members. Ron Hart thought that geophysical-based webinars were a good idea. He said that 30–40 people usually attend the one to two hour seminars at a per person cost of \$20–\$30, which people could easily pay themselves. It also eliminated wasted travel time since some of them were done during lunch hours and/or the hours bracketing normal lunch hours. Linda Sternbach thought that geophysical courses would be a good thing for our group to sponsor. But, they must be reasonably priced (\$100–200 maximum price) in order to be competitive and well attended. Software companies, as well as oil and gas service companies, such as Schlumberger, could provide the venue. Most likely, the thrust of our group's business will be lining up and giving a geophysical course or geophysical-based webinar.

The final order of business was to address the Geophysical Integration Group Field Studies Committees ongoing relationship with the SEG's IQ Earth Group. Huyen Bui and Evon Hostetter gave the group an update as to how things were progressing with regards to our participation in the IQ Earth field studies matter. In a nutshell, IQ Earth has been offered Statoil's Gullfax field data (both geological and geophysical) for study and publication purposes. And, they have been designing a format as to how the data will be delivered and formatted for studies and publication. Several Integration Group members are very interested in the IQ Earth field studies project.

Steven Getz, Chair

Committee members:
Marvin D. Brittenham, Huyen Thi Thanh Bui, Satinder Chopra, Steven Andrew Earle, Steven Lawrence Getz (chair), Karen Sullivan Glaser, Bob Adrain Hardage, Evon Hostetter, Lee Hunt, Thomas Edward Moon, Craig Earl Moore, Robert Randolph Ray, and Robert Arnold Wiener

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

Focus

This past year, the committee's focus was (1) support and justification of the AAPG Datapages GIS portal initiative, (2) soliciting and peer reviewing author-funded GIS projects, (3) selecting and peer reviewing GIS projects for funding by the OSU-AAPG Foundation GIS consortium, and (4) formulating a more distinct identity in the eyes of the membership and AAPG leadership.

1. AAPG Datapages DEO-GIS Portal

The committee sponsored a GIS Portal Position Paper to support and justify the major 'Datapages Exploration Objects' (DEO-GIS) initiative that was sanctioned by the Datapages BOD 2Q 2012. Project leader and GIS committee member Peter Wigley, is currently raising funds to execute the initiative. Going forward, the GIS committee will provide expertise and guidance as the initiative is developed and rolled out, and the GIS Committee's open-file products will be indexed and available via the portal.

2. Author-funded projects

Peer-reviewed and published this past year:

- Source Rocks of the World (Horn)
- Giant Fields of the World (Horn)
- Impact Craters of the World (Rajmon)
- Regional Pressure in the Gulf of Mexico Basin, USA (Burke and Kinney, USGS)
- Memoir 89 Natural Gas Hydrates (Johnson, EMD)

In progress:

- Burial Histories of the World (Horn)

3. OSU – AAPG Foundation GIS / Geosciences Consortium

The consortium advisory board reviewed submittals and recommended funding for 19 GIS projects from the GIS Committee, Datapages and OSU Research. Since inception of the consortium in 2010, a total of \$457,044 has been awarded to the OSU cartography department to publish GIS projects, however only two projects have been completed. In 4Q 2011, a new OSU cartography department project lead was hired, and Datapages and the GIS committee is working with the department to improve performance.

Following a series of advisory board reviews in years 2010-12, the following GIS Committee sponsored geographic and geothematic projects are now funded. The GIS Committee will peer review Datapages sponsored projects as well.

Geographic

- Tectonic Map of North America (Norton)
- Shell Atlas of the Midcontinent (Bishop)
- Salt Dome Fields, Phase II (Hall)
- Geology of Ethiopia (St. John)
- Tectonics of the Indian Ocean (St. John)
- Australia Tectonic Framework (Norton/ Loutit)
- Appalachian Basin Devonian Shale Gas (Avary)
- Pennsylvania Digital Oil and Gas Mapping (Carter, DEG)
- East Central Texas Depositional Systems and Deep Basin Lignite (Ambrose, EMD)

Geothematic

- Global Heat Flow database of the IHFC (Gosnold)
- Although the GIS Committee identity has improved with the optimization of the committee's website design and content, additional improvements are needed.

Path Forward

Challenges

A major challenge facing the committee is improving the productivity of the OSU cartography department, which is critical to the both the committee and Datapages.

The cartography department has experienced difficulty with retaining a consistent student workforce, and this has resulted in lower than expected productivity. New project management leadership at the OSU Cartography Department will hopefully lead to a more successful program.

Summary

Going forward, the committee will continue to solicit high-impact projects, with an additional focus on further development of joint publishing projects with the EMD and DEG, and to support the OSU Cartography Department. However, due to the poor performance of the OSU Cartography Department, the committee will focus on primarily on author-funded projects in the coming year, where we have demonstrated clear success.

Bret J. Fossum, Chair
Richard S. Bishop, Vice-Chair

Committee members: Daniel Scott Beaty, Richard S. Bishop (vice-chair), James Sophocles Cokinos, Joseph William Cross, Andrew Cutts, Bret John Fossum (chair), Jingyao Gong, David Joseph Hansen, Scott Jean Hills, Myron (Mike) K. Horn, Kevin C. King, Stephen Ernest Laubach, Samuel H. Limerick, Domenico Lodola, Gayle H. McColloch Jr., James McDonald, William A. Morgan, Oliver Nicholas Morris, Ian Norton, Joseph Andrew Ontko Jr., and Peter Wigley

Grants-in-Aid

The purpose of the AAPG Foundation Grants-in-Aid program is to foster research in the geosciences by providing support to graduate students in the earth sciences whose research has application to the search for and development of petroleum and energy-minerals resources, and to related environmental geology issues. A comprehensive and rigorous application and review process identifies the most deserving applicants who are eligible. This year the maximum grant was \$3,000. The number and total dollar amount of grants is constrained by funding made available by the AAPG Foundation in the form of Restricted and Named Grants, and regular funding.

The 2012 application class completes the 56th year of the AAPG Foundation Grants-in-Aid program. The program is one of the most competitive and prestigious funding programs in the earth sciences.

Awards Summary

2012 was the 8th year that student submissions and Committee reviews were completed online. We have continued to make adjustments and improvements to the online application process. The overall quality of student applications has steadily improved. For the Committee, the online review process has facilitated greater input and continued broadening of the Committee's demographics. It is simple, accessible, and convenient. The online review process is an extremely valuable tool for the efficient and effective implementation of the Grants-in-Aid Program.

The Committee received 308 applications, down from the 414 applications received in 2011. Applicants from 38 countries were represented this year, down from 40 in 2011. Although the number of countries is down slightly we have been successful in increasing demographic diversity of applications

Restricted and Named Grants were again awarded this year to the top scoring, eligible applicants. A total of \$175,000 was granted, down from \$179,000 awarded last year. The 84 monetary awards, or 30% of the application pool, were made to the top scoring eligible applicants, and is on par with 82 awards in 2011. However, the average grant was \$2,083, down slightly from \$2,183 in 2011,

Out of the 308 applications 133 doctoral candidates and 144 masters candidates were considered for grant funds. The final grant award population for 2012 was 48% doctoral candidates and 52% masters candidates.

Forty percent of the applications received in 2012 were non-U.S. citizens, down from 45% in 2011. Seventy-four percent of the applicants are attending schools within the United States. However, 83% of this year's awards were made to applicants attending U.S. schools and only 17% to non-US schools. While we are pleased to see an overall increasing number of international applications over the past several years, we will continue to pursue avenues to increase the international visibility of the program.

Funding

Of the total \$179,000 funds available for awards in 2012, \$64,750 was provided by the Foundation Grants-in-Aid Fund and \$112,250 was from AAPG

Foundation "Named Grants" honoring institutions and distinguished AAPG members. Two new named permanently funded grants were established within the AAPG Foundation and made available for the 2012 award year: Harry and Joy Jamison Named Grant - A student at Oregon State University, and the Meckel Family Named Grant - Any student from Rice University, Johns Hopkins University, University of Montana at Missoula, University of Texas at Austin, OR ETH at Zurich - studying depositional environments/process in clastics or carbonates (modern or ancient).

The Grants-in-Aid program continues to seek avenues to connect students and AAPG members. Ongoing coordination with other student related committees will be promoted, in part through the facilitation of the Committee Manager for Student Focus Programs. We also hope to increase awareness of the Grants-in-Aid program among the AAPG members, sections, associated societies and affiliated societies. By identifying awardees to their home societies we hope to facilitate recognition, communication and collaboration between the membership and the future membership of AAPG, building upon the AAPG community.

The 2012 grant awards were announced at the AAPG Annual Convention in Long Beach, California and are available on the AAPG Web site at <http://foundation.aapg.org/gia/current.cfm>. Abstracts of the funded research of students who received grants in 2012 will be published in electronic form on AAPG Search and Discovery. Publication of the abstracts increases the visibility of the Grants-in-Aid Program, provides prestige and publicity to award recipients, and informs the membership of student research being supported by the Foundation.

Committee

For the 2011–2012 program year, the Committee was comprised of over 50 members with representation from around the world. We continue to broaden the demographics of the Committee through international recruiting.

Many people deserve recognition for their role in making the Grants-in-Aid Program a success in 2012: the AAPG Foundation and individual donors for their generous financial contributions; Committee members, for thoughtful review of applications and their

suggestions for improving the program; and the AAPG Foundation staff who are responsible for administration of the Grants-in-Aid Program. Natalie Adams, Jane Terry, and Tamra Campbell have proven to be a valuable member of the AAPG Foundation to the Grants-in-Aid team. We wish to thank you all for your contributions, and your dedication continues to uphold the excellence of the AAPG Foundation Grants-in-Aid program

David J. Sivils, Chair Andy Klein, Vice Chair

Committee Members: Denise Hodder, Josh Hickman, Larry Knox, Johnnie P. Wanger, Andy Klein, Mary A. Parke, Roy Fitzsimmons, Peter MacKenzie, Eric C Potter, Kevin Barnes, Jean C. Hsieh, Ian Cross, Mihaela Ryer, Denise M. Cox, Nancy J. Fix, Raymond A. Garber, George A. Grover, Jr., Michael Nix, Matthew Buoniconti, Kevin Keogh, Mike Unger, Lee Fairchild, Kenneth Schwartz, Andrew Cullen, Anthony Grindrod, James W. Turner, Cesar Ardiles, Raul Cabrera-Garzon, Julia Wellner, George Ardies, Alexander M. Gumen, Loic Bazalgette, Richard W.W. Lovell, Victoria L. French, Andrei Panaiotu, April Parsons, Henry Legarre, Ralph Baird, Christopher Zahm, Amy L. Osborn, John Steinmetz, Jesse White, Nadeem Ahmad, Adebayo Oladele Akinpeluo, Robert Corwin, Ameera Al Mustafa, Aus A. Al-Tawil, Edgar H Guevara, Kevin Meyer, Robert Corwin, Ben Kilhams, Neil Barnes, and Alexander Kitchka

Group Insurance

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

2012 marks the 50th year anniversary of the GeoCare Insurance Benefits Program. This program continues to be one of the most important services provided to the AAPG membership. The committee members representing the program continue to evaluate existing insurance plans and continually search for other services for the benefit of the AAPG membership.

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

Association Group Insurance Administrators of Carpinteria, Calif. and Allied Benefit Systems are the program administrators through which all claims are filed and processed. F. Michael Strunk of Creekmore Livingston Inc. of Punta Gorda, Fla. is the broker of record for the GeoCare Program. New York Life Insurance Co., Monumental Life Insurance Co., Aetna Insurance Co., Liberty Mutual Insurance Co., Coverdell & Company, Rutherford International, FSD Insurance Services, and Worldwide Benefits Services, are the underwriters for the Group Insurance plans and other benefits programs.

The GeoCare Program offers 14 different plans for the benefit of our membership: 10-Year Level Term Life Insurance, Term Life Insurance, First-To-Die Term Life Insurance, High-Limit Accident Insurance, Disability Income, Comprehensive HealthCare, Health Savings Account Qualified Insurance, Dental Insurance, Catastrophic Major Medical, In-Hospital Insurance, Cancer Insurance, Personal Lines Insurance, Fixed Annuities, and ID Theft Assistance.

The Patient Protection and Affordability Act of 2010, "healthcare reform legislation," was passed by Congress in March 2010 and affirmed by a narrow decision from the U.S. Supreme Court in late June 2012. Unfortunately, this ruling was not favorable for the group association type programs such as GeoCare. If the Act is not repealed by the incoming elected officials in November 2012, New York Life (which is the last carrier of group insurance programs) will most likely exit the underwriting of the group medical insurance programs effective Jan. 1, 2014. Withdrawal from the medical programs by New York Life would be in conjunction with the opening of the State Insurance Exchanges (in those states participating) that would enable those insured to obtain medical coverage through the State or Federal Exchanges in January 2014. New York Life will not participate in the Federal mandated plans

nor will they participate in the health care exchange programs.

The Term Life Plan includes the issuance of \$30,000 of coverage to new members who are under the age of 50 and residents of the United States at no cost to them for one year. There is also an Inflation Guard Benefit to those members under the age of 50, who have been insured for one year, and are not disabled. Similar to the Term Life Plan, the Disability Insurance Program has a new member benefit of \$600 for members under the age of 50. New members are automatically covered at no cost to them for the first six months of membership.

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

The Personal Lines Plan, which includes insurance for a member's automobile, home, motorcycle, and/or condominium, continues to grow. This plan also includes personal liability umbrella coverage, which provides protection for members in the event of a claim for damages exceeding the limits of the policy against which the claim is being made. As of June 30, 2012, there are now 539 member policies in force with a premium value in excess of \$822,500. This plan is underwritten by the Liberty Mutual Insurance Company.

As of June 30, 2011, GeoCare member plan Certificates in Force total 11,336 with a Total Annual Premium of \$12,327,272. With the addition of SPE, the total Certificates in Force are 17,320 with a Total Annual Premium of \$17,787,830. Through the first six months of 2011, over \$4,233,000 was paid to the members enrolled in the medical group programs and \$1,039,640 was paid to member benefactors of the various Life Insurance Programs.

The recent federal legislative action has presented new challenges to the medical programs for the Program's managers and underwriters. While future changes must be taken into consideration, the overriding premise of the GeoCare Insurance Program is to provide the best benefits possible for the members. Complete information on all of the insurance plans provided can be found on the AAPG website under Services/GeoCare Insurance or at www.geocarebenefits.com.

Terry L. Hollrah, Chair

Committee members: Jim Brown (AAPG), Nancy Carter (SEG), Robert Countryman (AAPG), Jane Crouch (AAPL), Jim McGray (AAPG), Burt Nelson (SPE), Deborah Sacrey (AAPG EC Liaison) and Ron Young (AAPG)

History of Petroleum Geology

The purpose of the Committee is to document the evolution of geological concepts and technology used in the search for oil and gas worldwide, and the people who are responsible for this evolution.

Committee

Since July 2011 the committee's membership has grown from eleven to thirteen members.

Meetings

The committee held its annual meeting in Long Beach, Calif. April 24, 2012, and 15 persons attended.

Throughout the year discussions between committee members have taken place generally via email and on a few occasions by phone.

HoPG at the 2012 AAPG ACE in Long Beach

Two successful activities took place at Long Beach: a Sunday afternoon HoPG session chaired by Stephen Testa and Hans Krause and an outstanding historical field trip organized and led by Don Clarke, John Jepson, Jon Kuespert and Chris Phillips.

The Sunday session was attended by about 120 persons.

HoPG at the 2013 AAPG ACE in Pittsburgh

The HoPG Committee is working on a Sunday session to be chaired by Stephen Testa and Larry Woodfork. The ACE organizing committee is planning on two historical field trips.

Rasoul Sorkhabi is the liaison with the ACE organizing committee and with the Petroleum History Institute.

HoPG at the 2013 AAPG ICE in Cartagena

Hans Krause made contact with the 2013 ICE organizing committee in order to have a HoPG session devoted to the history of oil and gas developments in Latin America since the late 1800s.

2017 HoPG Exhibit at the Houston Museum of Natural Science

A major historical exhibit – History of the Science and Technology in the Petroleum Industry - is planned on the occasion of the 100th Anniversary of AAPG. This effort is headed by Janet Combes, assisted by Rogers Hardy; Dave Rensink is the AAPG 100th Anniversary Committee liaison with the HoPG committee.

This project represents an opportunity for AAPG, and perhaps the oil industry at large, to take its case to the general public. Before it is completed it is likely to become a very complex effort that will require great dedication and support.

Historical Highlights series in the AAPG Explorer

The series has become a regular, monthly feature in the AAPG Explorer. Ten articles (on Indonesia, Japan, Australia, Colombia, North Sea, Russia, California and Texas) were published during this FY.

Online compilation of all memorials published by AAPG

This project was carried out entirely by the AAPG Datapages team and has been completed.

Hans Krause, chair

Committee members: Brian Blackstone, Janet M. Combes, L. Rogers Hardy, Hans Krause (chair), Piotr Krzywiec, Jim Levy, Donald W. Lewis, Wolfgang E. Schollnberger, Raymond P. Sorenson, Rasoul Sorkhabi, Stephen M. Testa, Clinton R. Tippet and Daniel Truempy

Investment

The purpose of the Investment Committee is to oversee the investment funds (Operating Fund) of the Association. The committee sets investment policies, determines investment allocations, selects appropriate investment funds, and uses financial planning services to set goals and accomplish plans. The Treasurer serves as an ex-officio member and no other member of the Executive Committee may serve on the Investment Committee.

The Operating Fund was established in 1974 to provide AAPG with financial resources to weather adverse periods in the economy, and is often termed our "Rainy Day Fund" or "Savings Account," and represents our accumulated savings over the decades. It roughly also

represents about one year's annual operating expenses of the Association. The Investment Committee oversees and is charged with the responsibility of prudent investment of those funds. The Executive Committee has sole discretion to use or dispose of the funds in the Operating Fund as circumstances require.

In 2002, the Investment Committee created an investment policy that sets forth the investment structure for managing the Operating Fund assets. The policy is reviewed annually and minor adjustments are made to the various asset allocation classes. The Investment Committee held meetings in Tulsa on May 8, 2012, in Dallas on October 31, 2011, and teleconference meetings on February 6, 2012, December 1, 2011 and on September 16, 2011, where we reviewed portfolio performance, asset allocations, market fluctuations, global economic news and trends and financial advisor performance.

The market value of the Operating Fund began the AAPG fiscal year on July 1, 2011, at \$15,976,009, and on June 30, 2012, it was \$14,961,431. This represents a 6.3% decrease of \$1,014,578 during the fiscal year, and is indicative of several significantly negative market movements during the year, although it is several million dollars above the low market value reached during the 2008-09 economic downturn. As of June 30, 2012, 55.7% was in equity funds, 19.6% in fixed income funds, 19.3% in Hedge Funds, 3.5% in commodity funds and 1.9% in cash equivalents. The Investment Committee retains Larry Thompson & Associates as our financial advisory firm, to provide guidance and recommendations on investment and strategies.

At our five meetings during the year, the committee (1) reviewed the Operating Fund's portfolio performance; (2) discussed the current market activity and global economic conditions; (3) reviewed and balanced asset allocations; and (4) received an update from the Executive Director and/or Deputy Director.

Dwight "Clint" Moore, Chair

Committee members:
Dwight "Clint" Moore (chair), Terry Hollrah (vice-chair), George Bole (past-chair), John Brock, Marty Hewitt, John Hogg, Dick Howell, Terry O'Hare, Mike Party, Deborah Sacrey, and Treasurer Jim McGhay. Participating AAPG Staff: David Curtis, David Lange and Bryan Haws.

Membership Recruitment

The goal of this committee is to build and strengthen AAPG by increasing membership. Overseeing the Reward and Recognition Program, support of local society's activities and recruitment efforts, joining together fellow professionals dedicated to the geology profession, expanding the Association and fostering professional development.

Current Membership Metrics

As of June 30, 2012 our full membership stands at 35,103 members, an increase of 0.5% over close of business last year and the most members since 1989, having reversed a precipitous decline with its nadir in 2005. This news should be cause for celebration, however further analysis shows that the numbers of active members ("Members" as now defined by our recently amended Bylaws) continues to decline at increasing rates. Non-voting members (Associates and Students, 19,629) outnumber Members (15,478) by a small percentage; this is concerning because students have a much higher drop rate.

The Year in Review

Simplification in the membership classification was approved by the House of Delegates at the annual meeting in Long Beach in April. As these changes are implemented it is intended that the application process will be easier and simpler. Already the on-line application process has been streamlined to facilitate sponsorship and this has speeded up the procedure significantly. Publication of new applicants is now on the AAPG website easily accessible to all from the home page.

With considerable focus on the House of Delegates this year as they wrestled with membership classification amendments, they were also exhorted by the chair of the House, as well as the chair of this committee to enlist in an army of recruiters, each one actively soliciting applications from eligible geologists for membership. This effort will continue.

Goals for 2013

We shall diligently pursue every petroleum related geologist to include our organization as their partner from graduation to retirement and beyond. We shall also assure our relevance to our existing members, associates and students, facilitating their advancement to member status.

Valary Schulz, Chair

Committee members: Mayowa Afe, Adekunle Adesida, David Blanchard, Martha Lou Broussard, Bob Cowdery, Christi Gell, Don Lewis, and Sigrunn Johnsen

Membership Survey (Ad Hoc)

The purpose of the Ad Hoc Survey Committee is to conduct member surveys which provide valuable feedback to the Executive Committee and leadership overall.

There were two electronic surveys conducted by the Committee this past fiscal year:

1. On behalf of the Young Professionals (YPs) an electronic survey was conducted to investigate whether or not YPs were aware of the groups existence and did it have any perceived value in belonging.

Results: The survey concluded that while many YPs were aware of the group's existence many did not really understand all the group has to offer. It was determined that more target marketing was necessary.

2. An electronic survey was conducted to investigate the merit and value of being Certified and whether or not it should be a separate "Gold Standard Member Class."

Results: It was determined that Certified Members do value being certified and the majority think it should be the "Gold Standard" of membership. Most Non-Certified members would consider being certified given more information, but did not necessarily think it had to be the "Gold Standard" of membership.

Terence G. O'Hare, Chair

Committee members: David H. Hawk, Jeffrey W. Lund, and Terence G. O'Hare (chair)

North American Commission on Stratigraphic Nomenclature

The North American Commission on Stratigraphic Nomenclature (NACSN) has four main purposes: (1) develop statements of stratigraphic principles, (2) recommend procedures applicable to classification and nomenclature of stratigraphic and related units, (3) review problems in classifying and naming stratigraphic and related units, and (4) formulate expressions of

judgement on these matters. NACSN website: www.agiweb.org/nacsn/.

The 2011 NACSN meeting was held October 10 at the Geological Society of America Annual Meeting in Minneapolis, Minnesota.

Agenda items included the following.

1. The task Group on Impact of New Definition of the Pleistocene lead by Howard Harper, SEPM, and Robert Scott, The University of Tulsa, conducted a survey, including AAPG members, regarding the change in the definition of the Quaternary. A majority of the 222, who completed the survey, work with Quaternary and Pleistocene strata, and indicated that the new definitions will not alter how they work or prepare reports. However, at the Annual Meeting, it was decided that the survey needed to include some additional groups and the survey will be accessible until March 31, 2012. After that time, a second report on the results will be prepared and circulated to the commission.

2. The Canadian Stratigraphy Commission was formed and is operational.

3. An amendment to the Code of Stratigraphic Nomenclature is under consideration on how to formalize unit names of intrusive complexes.

4. The International Commission on Stratigraphy rejected a proposal to drop the distinction between System and Period and between Stage and Age. The Commission also favored flexibility in use of Ma for both age and duration. Although a GSSP has been selected for the Paleogene Stage, dissenting comments have arisen.

5. The Spanish translation of the North American Stratigraphic Code is completed and available from Instituto de Geología, Universidad Nacional Autónoma de México, Boletín 117.

6. A motion was approved "to vote in favor, when asked, for inclusion of the International Medical Geology Association and the National Cave and Kart Research Institute within AGI".

Commission chair for 2011–12 is Michael Easton, Ontario Geological Survey, and vice-chair is Robert Scott, The University of Tulsa.

Robert William Scott, AAPG Representative

Offshore Technology Conference (OTC) Sub-Committee

OTC is organized and operated exclusively to promote and further the

advance of scientific and technical knowledge of offshore resources and environmental matters.

OTC Technical Program Process

Starting in March of the preceding year, the OTC Program Committee starts the process of creating the technical program for OTC that will take place the first week in May of each year. The OTC Program Committee consists of two members (generally a chair and vice-chair of each of the sponsoring society sub-committees) from each of the twelve industry sponsoring organizations and societies who work cooperatively to develop the technical program each year.

As one of the twelve sponsoring organizations, the OTC AAPG Sub-Committee works with the other members of the OTC Program Committee to create conference sessions that focus on the geosciences and professionalism within the scope of the OTC.

2012 OTC AAPG Sub-Committee Activities and Accomplishments

The 2012 OTC AAPG Sub-Committee worked to create and promote the technical program sessions held during April 30 through May 3, 2012 at Reliant Park in Houston, Texas. The OTC 2012 technical program presented sessions for a wide assortment of topics and issues. The OTC AAPG Sub-Committee emphasized the following sessions:

- Improving Operational Integrity in Offshore Energy Operations - A Global Perspective
- Ethics Breakfast - Oil Spills, Ethics, and Society
- Metocean Exhilaration
- The Nikaitchuq Project, Offshore Alaska
- In Situ Monitoring of Slope Stability and Seabed Fluid Flow, and
- How Well Do You Know Your Well?: A Collaborative Approach to Pore Pressure Analysis and Well Control.

OTC recognizes innovative technologies each year with the Spotlight on New Technology Award. This awards program is exclusively for OTC exhibitors and is designed to showcase the latest and most advanced technologies that are leading the industry into the future. As the OTC AAPG Sub-Committee previously did in 2011, the 2012 OTC AAPG Sub-Committee reviewed and evaluated the geosciences-related new technology entries to provide a broader basis of assessment in selecting the Spotlight on New Technology Award winners.

2013 Proposed Technical Sessions

The 2013 OTC AAPG Sub-Committee is currently working to put together the following proposed sessions:

- Geosciences and Engineering Joint Ethics Breakfast
- 21st Century Reservoirs
- Reservoir Maintenance & Performance
- Near Surface Expression of Petroleum Seepage
- Spill Impacts
- Project Fast Track Planning and Execution (From Concept to Construction and Operation and not get the cart before the horse)
- Southeast Asia Oriented Geohazards
- Advances in Integrated Submarine Slope Stability Assessment
- Offshore Pipeline Design in Seismic Zones
- Project: Eni Goliat - Offshore Norway, and
- Integrating Stakeholder Interests in the Global Offshore Industry

Buford Boyd Pollett, Chair
Dan McConnell, Vice-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.

Committee Activity

ACE PROWESS Events

Team Leads: Jessica Moore, Carol McGowen, Karen Blake, Ann Given, Alicia Kahn

- Joint PROWESS/DPA Luncheon Seminar. 183 Registrants. Two keynote speakers: Dr. Sally Benson, Director of the Global Climate and Energy Project at Stanford University spoke on "Following Your Convictions: Even when the Going Gets Tough"; and Dr. Sharon Mosher, Dean of the Jackson School of Geosciences at the University of Texas at Austin and President of the AGI spoke on "Building a Diverse and Sustainable Geoscience Workforce."

- PROWESS Short Course (Sponsored by Chevron). Unconventional Workforce Assets: Developing Women Leaders in the Energy Industry. 37 registrants. Keynote speakers included Julie Mahler, former Global Geoscience Recruiting Manager for ExxonMobil Upstream Ventures; and Dr. Marcia McNutt, director of the USGS. The course was composed of two sessions broken into three roundtables each covering the topics:
 - Maximizing the value of your technical skills: suggestions on how to navigate the technical learning curve through training and experience.
 - Perfecting your professional image: developing a corporate brand and not a just a label.
 - Developing leadership skills: ways all employees can develop leadership skills and influence without authority.
 - Expectations of tomorrow's leaders: skills needed to effectively lead future employees.
 - The business of The Business: information on economics and energy policy affecting your career.
 - Second career, second success: tips for maintaining a dynamic geosciences career.
- KiddieCorp Childcare. 21 registrants. Children enjoyed games, arts and crafts. Incident and injury free. Survey showed 92% of parents indicated childcare made a difference as to whether or not they were able to attend ACE, and 100% felt the hours offered met their needs.

Workforce Retention Survey

Team Leads: Edith Allison, Carol McGowen

- The 2008 informal PROWESS survey of the factors that influence women's retention in upstream companies has evolved into a 2011 National Science Foundation grant to Drs. Chandra Muller and Christine Williams. The grant will conduct a longitudinal study of the factors that impact retention of upstream geologists and engineers. As part of their study the researchers seek assistance from major, independent and service companies in identifying early-career employees (up to five year's post degree) willing to participate in a brief survey and periodic follow-up contacts.

Profiles of Pioneer Women Petroleum Geologists

Team Leads: Edie Allison, Tony Grindrod

- The committee has collected biographical information about pioneering women petroleum geologists beginning with Carlotta Maury, who worked for Shell starting in 1910. The March 2012 *AAPG Explorer* had an article on Emma Summers, a pioneer in California oil development. In addition, the biographies and pictures of many pioneers will soon be posted on the PROWESS web site. The committee plans to add international pioneers to its U.S. group.

Website

Team Leads: Amy Noack, Gretchen Gillis

- Work continues to streamline the PROWESS custom website. Articles, links to pertinent diversity information, meetings, and courses and inspirational PROWESS bios are posted at <http://www.aapg.org/prowess/>.

Explorer Articles

- Four articles have been contributed from PROWESS authored by Edie Allison, Jessica Moore, and Maria Stella Sonuga.

Jessica Moore and Edie Allison, Chairs

Committee members: Edith C. Allison (chair), Katharine Lee Avary, Karen E. Blake, Jennifer Bronz, Lauren Alexis Cassel, David Richard Cook, Denise M. Cox (AAPG EC liaison), Ashley S.B. Douds, Vlastimila Dvorakova, Shawna Marie Frost, Amy Garbowicz, Gretchen M. Gillis, Ann V. Givan, Anthony John Grindrod, Amanda Gail Guzofski, Amanda G. Haddad, Jennifer Nice Hoyt, Lisa RaLynn Humbert, Sigrunn Johnsen, Alicia Kahn, Amanda Lynne Kern, Linda S. Kyle, Vivian Lin, Carol McGowen (AAPG staff liaison), Evelyn A. Medvin, Jessica Moore (chair), Nicole Susanne Morris, Susan Ellen Nissen, Amy Kathryn Noack, Erin Sessler Reuber, Pilar R. Ritcherson, Sunday Kirk Shepherd, Marie-Stella Sonuga, Shannon Cheree Stover, Dianne Elizabeth Tompkins, Amanda M. Veazey, Keri Vinas, Caroline Sue Whitehill, Kammie Rechelle Wood, and Laura Cutright Zahm

Public Outreach

The function of the Public Outreach Committee (POC) is to develop means of informing the public about geology in general and petroleum geology in particular, and to report successful outreach projects to AAPG's affiliated

societies. To fulfill those roles, the committee must represent a broad range of technical expertise from representative industry and academic organizations around the world. The POC expects to add members in the coming fiscal year to represent all Sections, Regions, and Divisions, as well as YPs and Students, so that the committee represents the organization as a whole.

The meeting at the 2012 ACE in Long Beach reinforced the importance of presenting AAPG as a scientific society and as an essential part of the energy industry, which does an excellent job of ensuring reliable, affordable supplies of energy in the forms required by consumers.

The committee agreed to pursue several projects in the coming fiscal year:

1. Slide sets that any AAPG member can use to reach out to the public. The slide sets will emphasize science and AAPG's role as a scientific society. Committee members will review AAPG Statements (developed through DPA) for topics of greatest interest. The committee might organize a Student Chapter Challenge to get students involved in putting together scientifically rigorous slide sets. However, there was general agreement that the slide sets need to present science, data, and history rather than unsupported opinions. Topics of interest include hydraulic fracturing, global oil and gas assessments, and remote sensing.
2. Speaker's bureau providing volunteers willing to speak on AAPG and petroleum geoscience in general and about specific topics in petroleum geoscience. The committee chairs will talk to the VGP Chair about a liaison to the Public Outreach committee to address this idea.
3. Coordination within AAPG so that the entire organization reaches out with a consistent message. Communications Director Larry Nation is leading this effort.
4. Rapid response web pages for petroleum geoscience, as conceived by AAPG Secretary Denise Cox, to debunk urban legends. This will require careful planning to ensure adherence to AAPG communications policies with respect to the official spokesman and the need for vetting of policy and position statements.
5. Refresh and expand www.petroleumgeology.org.

Gretchen Gillis and Randi Martinsen, Co-Chairs

Committee members: Tony L. Albrecht, Donald Dean Clarke, Denise M. Cox, Rebecca Lee Dodge, Gretchen M. Gillis (chair), Randi Susan Martinsen (chair), Radha Vyas, and Laura Cutright Zahm

Publications

The mission of the Publications Committee is to assist the Association's Elected Editor with stimulating publication of the science and practice of petroleum geology and doing so in a financially sustainable way that maximizes benefits to the membership.

In the last year, seven new publications have been released in hard copy format, and three in digital-only format. Twelve older publications were re-released in digital format. This is a pleasing improvement over the previous year, but there was a large element of chance in the timing, and several of these have taken much longer to reach completion than desirable. A number of projects are in the pipeline, and five substantive new proposals are in review, but end-dates remain somewhat uncertain because of a wide variety of factors, many of which are beyond the control of the committee or the volume editors. The aim now is to see what can be done to bring projects to completion more quickly.

Aside from keeping up momentum with publications already in progress, the primary activity of the committee this year has to be to take a hard look at the mission and goals for the committee, to consider if current practice and committee membership is fit for purpose.

Issues identified as giving particular cause for concern were

- The supply of new material for publication by AAPG in non-journal formats has been diminishing worryingly over the last couple of years
- AAPG is no longer seen as the publisher of first choice in the petroleum geoscience domain, there are now many other competing venues
- Non-journal publications have not regularly been produced in a financial sustainable way
- The publishing world is changing fast, both in technology and the resultant expectations from the membership, and this requires changes to the business models
- The publications committee itself has not been functioning as effectively as desirable, with a large number of inactive members and all the work falling on a small subgroup, suggesting

it is not configured appropriately for the needs

- Integration and relations with other AAPG areas and activities has not been as productive as needed to stimulate new publications and avoid unnecessary duplication of effort

In November 2011, a working committee sub-group debated a discussion document that analyzed the situation and presented some options. This working group comprised current vice chairs, past chair, HQ staff, representation from EMD, the chair of the research committee, a young professional, and the Elected Editor. It agreed it would be helpful to start at the top by refocusing the mission statement for the publications committee, and then translating that into specific actions and short-term targets.

A new mission statement for the committee (as above) was approved by the Executive Committee in January, along with an extensively revised set of goals. Essential near-term targets were also agreed:

1. To publish a minimum of at least 10 new titles each year;
2. To develop processes that nurture embryonic projects and thus increase the content available for publication, which includes identifying and removing barriers to publishing (both real and perceived);
3. To reduce significantly the time from conception to production for new projects;
4. To restructure the publications committee into distinctly separate groups with specific responsibilities in order to service these targets:
 - a. Content acquisition working group under its own vice chair;
 - b. Editorial oversight panel under its own vice chair;
 - c. Management and steering group that will include active participation from EMD, and the research and education committees.
5. To engage HQ staff more fully with the whole life cycle of non-journal publications in order to speed up output and improve cost management.

Work is now under way to meet these goals. There was a very fruitful discussion on how this should be achieved at the in-person committee meeting at ACE in Long Beach in April.

In the context of soliciting new projects and increasing the number of titles produced each year, the same meeting also reviewed an interesting analysis by

Beverly Molyneux (AAPG HQ) of the best and worst selling publications produced in the last eight years: there is a strong bias in the best-sellers list towards items on the practice of petroleum geology, what one might call "how-to" books.

Fifteen members of the committee have completed their term on the committee since June 2011 and have been retired. Four members of the committee have had their term extended, and Terri Olson has kindly agreed to remain and contribute her experience after completing her term as chair last June.

New members of the committee are now being recruited to fulfill specific roles. Four young professionals have joined the committee specifically to focus on content acquisition and nurturing embryonic projects. Additional members will be appointed soon to assist with editorial oversight, project approval, and quality control as publications are produced.

Links to the research committee have been strengthened by redefining the role of one committee member as an active member in both committees rather than having the previous, more passive, "liaison" reporting role from publications back to research: thanks to Jean-Yves Chatellier for agreeing to this extra workload!

Colin P. North, Chair

Committee members:

Jean-Yves D. Chatellier, Timothy Diggs, Bret John Fossum, Gretchen M. Gillis, Alexis Godet, Catherine L. Hanks, Howard David Johnson, Barry Jay Katz, Heather L. Lareau, Stephen Ernest Laubach, John Clay Lorenz, Ernest A. Mancini, William A. Morgan, Colin Peter North (chair), Terrilyn M. Olson, Jack C. Pashin, Douglas Cameron Peters, Atle Rotevatn, Timothy James Sheehy, Denise M. Stone, Michael L. Sweet, and Stephanie Germaine Thomas

Publications Pipeline

The function of the Publications Pipeline Committee is to collect geoscience books and journals from those who no longer need them and to forward these resources to overseas universities and libraries. Most of the material distributed is from retired and deceased geoscientists and downsized company libraries. The books and journals are cataloged, boxed, stored and distributed when a need for them is identified. These books and journals are sent to overseas universities and other

libraries that require these resources with the assistance of companies with overseas operations. When necessary, the committee applies to the AAPG Foundation for funding to ship these materials.

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 2012. 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 have held eleven Committee meetings in Houston since our last Annual Report and in addition we have had work sessions at the warehouse to sort, box, and prepare material for inventorying.

Over the past 12 months we have received 16 donations of material totaling 170 35-pound boxes.

Since the Committee's 2010–2011 report, more than five tons of books and journals have been inventoried and shipped to new recipients. The first was the University of West Indies in Trinidad & Tobago, a shipment sponsored by BHP Billiton. Curtis Archie, President of the Geological Society of T&T, represented AAPG at the handover ceremony on October 18 in Port-of-Spain. The second shipment was to Kwame Nkrumah University of Science & Technology in Ghana, sponsored by Tullow.

Currently we are preparing to ship six pallets to universities in Liberia, four pallets to Viet Nam and four pallets to China, and have outstanding requests from universities in several other countries including Nigeria, Thailand and Indonesia.

We note with pride that we are fast approaching our 100-ton milestone, which, when achieved, we plan to celebrate with an "open house" at our Houston home base.

Other News

The Committee would like to gratefully acknowledge the approval, on November 7, 2011, of a \$6,000 grant from the AAPG Foundation to help underwrite the unexpected increase in the rental of the Committee's publications storage facilities in Houston. This allowed us to sign a new lease on our existing facilities for the next three years.

During the past year, the Committee received some beneficial publicity. Articles highlighting and promoting the Committee's activities were published in the monthly newsletter of the Kansas Geological Society and in the UK-based GEO ExPro magazine.

Additional volunteers needed

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) to work as volunteers in the warehouse moving boxes, assist in inventory process, palletize in preparation for shipment.

Jon Blickwede, Chair

Committee members:
Jon Frederic Blickwede (chair),
Martin Macdermott Cassidy,
Charles A. Caughey, David Drowley,
Janet B Heagy, Stephen Ernest Laubach,
Claudio Dario Manziolillo,
William A. Morgan, Amy Cara Moss-Russell,
Raymond Paul Sorenson, Frederick M. Wall,
and Gerrit Wind

Student Chapter

The mission of the Student Chapter Committee (SCC) is to support the establishment and ongoing efforts of AAPG Student Chapters at academic institutions. To this end, the SCC will act as the primary liaison between AAPG and its student and faculty members. Within AAPG, the SCC will be a leader in establishing programs that will promote student membership, facilitate student involvement in the greater organization, and provide avenues to students for research and career opportunities in the earth sciences. The SCC will strive to maintain an active, diverse membership that represents a broad disciplinary and geographic distribution of professionals, thereby providing a valuable resource

to students as they transition from academics to professional careers. The committee should maintain both an international vice-chair and domestic vice-chair to champion international and domestic chapters and their issues, as well as apply for foundation funding for specific needs. A separate vice-chair position handles the logistics of the annual and international convention.

Committee Structure

During the 2011–2012 fiscal year, SCC had 23 members, which represented a broad spectrum of professional and geographic diversity. Committee membership included 2 students and 21 career professionals. The committee leadership included three vice chairs responsible for supervising domestic chapters (Vice-chair: Bryant Fulk), international chapters (Vice-chair: Stephanie Thomas), and conventions (Vice-chair: Rhonda Welch).

Student Chapter Membership (As of 06/30/2012)

Total Student Members	8,965
Total Student Chapters	263
Active Student Chapters	158
Chapters, USA	106
Chapters, International	157

Programs, Sponsors, Awards & Recipients

Student Membership Fees	Chevron
Student Lounge, ACE	Chevron
Student Lounge, ICE	Shell
Student Reception, ICE / ACE	
	ExxonMobil
Student Presentation Awards, ACE	Shell
Student Travel Stipends (30), ACE	Shell
Outstanding Student Chapter Awards, ACE	Schlumberger
Participation in Trips and Courses, ACE	Nexen, ConocoPhillips
Student Field Trip, ACE	Hess, Nexen
Student Volunteers, ACE	ConocoPhillips
Student Attendee Assistance Fund, ACE	Hess, EarthQuest
	Technical Services
Book Gift Program	\$250 per eligible chapter: 36 chapters
L. Austin Weeks Undergraduate Grants	\$500 for recipients/ \$500 for chapter: 68 chapters

2012 Annual Convention, Long Beach, CA

Student chapters from Colorado School of Mines, Imperial College of London, Oklahoma State University, Southern Methodist University, Stephen F. Austin State University, University of California Fresno State, University of Western

Ontario, and the Universidad Nacional de Colombia worked the AAPG General store in order to raise money for their chapters. In total \$5,466.14 was distributed amongst the schools that participated. This program allows students to raise money for their chapters.

2012 Shell Best Student Presentation Awards, Long Beach, CA

- 1st Place, Student Oral Presentation \$2,000: Kelly Hillbun
Gift to Student's School \$1,000: University of Washington
- 2nd Place, Student Oral Presentation \$1,500: Magdalena Osburn
Gift to Student's School \$750: California Tech
- 3rd Place, Student Oral Presentation \$1,000: Eugene Szymanski
Gift to Student's School \$500: University of Kansas
- 4th Place, Student Oral Presentation \$500: Gavin Graham
Gift to Student's School \$250: Imperial College
- 1st Place, Student Poster Presentation \$2,000: Miles Frazer
Gift to Student's School \$1,000: University of Manchester
- 2nd Place, Student Poster Presentation \$1,500: Ayodeji Oluboyo
Gift to Student's School \$750: University of Manchester
- 3rd Place, Student Poster Presentation \$1,000: Christopher Wild
Gift to Student's School \$500: Cardiff University
- 4th Place, Student Poster Presentation \$500: Rattanaorn Fongngern
Gift to Student's School \$250: University of Texas at Austin

2012 Schlumberger Outstanding Student Chapter Awards, Long Beach, CA

- Outstanding Student Chapter, USA \$1,000: Stephen F. Austin State University
- Honorable Mentions, USA \$250: University of Nebraska-Lincoln \$250: University of Utah
- Outstanding Student Chapter, Int'l \$1,000: University of Aberdeen
- Honorable Mentions, Int'l \$250: Institute of Technology Sepuluh Nopember \$250: University of Pembangunan Nasional "Veteran"

2011 Jim Hartman Service to Students Award, Long Beach, CA

Connie Mongold
Steve Veal

This award is presented in recognition of long-term support of AAPG student members and significant contributions to the educational and professional development of young geoscientists.

Committee Highlights

Domestic Summary

- Successfully hosted the SCLS Pilot Program in MidCon and Pacific Sections
- Established new liaisons in Rocky Mountain, Pacific, And Gulf Coast Sections
- Helped in establishing the YouTube competition
- Documented how to be a successful student chapter liaison

International Summary

- Successfully hosted the L-SCLS Pilot Program in Canada
- Established new liaison in Canada
- Eight new student chapters were added, 4 of which are located in Africa
- Students in Colombia organized that 1 College Symposium of Petroleum Geology, Geophysics, and Metallogeny

In one year's time we have added 50 chapters to the active status. The Student Chapter Program was highlighted at several events during the 2012 Annual Convention and Exhibition in Long Beach, California. Over 500 students, faculty, and industry representatives attended the AAPG/SEPM Student Reception, sponsored by ExxonMobil. The annual student field trip, a one-day, pre-meeting tour of the San Andreas Fault Zone led by Art Sylvester had 100% fill rate. Due to generous corporate and AAPG Foundation support, student registration for the field trip was \$25.

At the 2012 ACE, fifteen students participated in the AAPG Student Poster Competition. Fifteen students also participated in the AAPG Student Oral Competition. For the oral competition, student presentations were dispersed among the regular technical sessions. Judges' scores showed that the student presentations were often on par with their professional counterparts.

The James A. Hartman Student Chapter Leadership Summit (SCLS) fund is beginning to fuel expansion of the program to the local level (L-SCLS). The committee is extremely grateful for Mr. Hartman's continued generosity towards the future membership of the AAPG. We expect the program to expand internationally well within our three-year expansion time line.

The 5th Annual Student Chapter Leadership Summit was held in August

2010 in Boulder, Colorado. Eighteen students, representing each of the various regions and sections attended this event. The objective of the SCLS was to bring student leaders from across the globe together to network, share experiences and ideas, and brainstorm ways to increase effectiveness of student initiatives throughout AAPG. The 6th annual SCLS is scheduled for August 2012 in Tulsa, Oklahoma. Support for this year's program comes from the AAPG, GCAGS, and the James A. Hartman Foundation SCLS fund.

Initiatives on the international front continue to expand and see fruition. The use of social media to connect and promote chapters is intensifying, and its importance as a way to attract and interest a young demographic should not be minimized. The Imperial Barrel Award (IBA), while not maintained by the SCC, is a way to engage student chapters, and the participation by international schools is increasing. Additionally, projects to help solve language barrier issues, which have proved troublesome in the past, are being implemented on several continents.

While the SCC continues to administer its regular annual programs, it also plans to embark on a series of initiatives for the 2012–2013 fiscal year. These initiatives include

- The SCC will work to share best practices between all student chapters in order to improve and grow our domestic and international student base (Ongoing)
- Increasing the scope of SCLS programs by piloting a Local SCLS program (Completed). Using the lessons learned from the pilot program, we will move forward with a three year plan for global expansion (In Progress)
- Increasing our efforts to permanently fund some of our core programs and initiatives (Ongoing)

Richard Ball, Chair

Committee members: Mike S. Mlynek (Staff Liaison), Richard William Ball (Chair), Stephanie Germaine Thomas (Vice-Chair International), Bryant Robert Fulk (Vice-Chair Domestic), Jessica E. Poteet (Secretary), Edward Arthur Beaumont, Jacquelyn LaMar Holt, William S. Houston, Joseph Allen McShane, Kevin Sullivan Meyer, Cory Watson Moore, Danielle Marie Nihiser, Kori Kristen Norberg, Andrew Micheal Ranson,

Eva-Maria Rumpfhuber, Dharmawan H. Samsu, Stanley Rich Wharton, William Edward Hottman, Adegbenga Oluwafemi Esan, Lauren Ashley Michel, Susan A. Waters, Rhonda A. Welch, and Janet Yun

Student Expo

The purpose of the Student Expo Committee is to provide support for various Student Job Expos. The committee should contain members from all areas that provide Student Expos in order to share best practices. Communicate news about Student Expos to Chair of AAPG Corporate Advisory Committee.

The AAPG/SEG Student Expo Committee annually hosts both the Houston-based Student Expo in September and the Student Career Seminar at the AAPG ACE. The AAPG/SEG Student Expo Committee consists of faculty from Rice University and the University of Houston, AAPG and SEG student chapter officers from these universities, young professionals working in the Houston area, as well as AAPG and SEG staff.

The Student Expo provides students and recruiters with multiple networking opportunities throughout a two-day event. The expo offers field trips and short courses for participants seeking to enhance their learning experiences. A judged poster presentation awards the top three participating students with monetary prizes and matches the student grants with grants to their universities. In 2011, the Student Expo had 469 students and 28 sponsors in attendance.

At the Student Career Seminar, students are able to voice their career questions and concerns to established professionals. Various topics are provided to these open-table discussions, but students may ask the professionals their own questions as well. The 2012 seminar hosted 64 students and 16 professionals.

Moving forward, the Committee is looking forward to attracting more faculty members and interaction with other student expos. The events have been quite successful thus far, and the Committee has every reason to expect more from the coming years.

Cecilia Ramirez, Chair

Committee members: Kathleen Aikin, William Barkhouse, Rituparna Basu, Shannon Bawa, Edward Arthur Beaumont, George Robert Bole, Sushanta Bose,

Martha Lou Broussard, Marc L. Buursink, Hugh Daigle, Sarah Lois Dean, Petter Dischington, Marc F. Fagelman, Francesca Fazzari, Luke Kenneth Francis, Carley Marie Freer, Daniel E. Garza, Gabriel Domingo Gil Latorre, Alexandra Ellen Kirshner, Callie Lee-Petricek, Yangyang Li, Robyn Melissa Marchand, Kevin Sullivan Meyer, Sarah Marie Power, Cecilia Renee Ramirez, Adam M. Seitchik, Jacob E Siegel, Benjamin Sidney Slotnick, Travis Stollendorf, Beth Yuvancic Strickland, Robert Tscherny, Arkadiusz Turolski, Afton Jade Van Zandt, Elsa Elena Velasco, Robert W.R. Weight, Julia Smith Wellner, and Fernando Enrique Ziegler

Technical Advisory

The Technical Advisory Committee (TAC) provides a global view of cutting-edge technology for inclusion in all technical programs, educational programs, and publications. The TAC supports the AAPG Annual Convention and Exhibition (ACE) and the International Conference and Exhibition (ICE) technical program committees (TPCs) on developing conference technical programs.

To fulfill those roles, the committee must represent a broad range of technical expertise from representative industry and academic organizations. TAC is developing a broad geographic distribution of members who can interact closely with TPCs worldwide. During the 2011–2012 fiscal year, TAC added several new members, and Dan Schwartz and John Suter agreed to serve as Vice Chairs for TAC. TAC activities included:

2011 Milan ICE

- Philippe de Clarens served as TAC liaison. TAC volunteers helped review abstracts.
- TAC and GEVO committees met in Milan so that members of both committees could become familiar with what each committee does. Among the topics of discussion were the beliefs that executive panel discussions are and “the business of the business” could be critical components of ACE and ICE technical programs.

2012 Long Beach ACE

- TAC liaisons Dalton Lockman and Dan Schwartz recruited TAC volunteers to help review abstracts within specific technical themes.

2012 Singapore ICE

- Two young professional members, Rohit Mohanty and Sumit Bhardwaj, volunteered to be TAC liaisons for the Singapore meeting. Six TAC members volunteered to help review abstracts.

2012 IPTC Meeting

- Several TAC members volunteered to help with abstract reviews.

2013 Pittsburgh ACE

- Connie Jump has joined the TAC and will serve as our liaison for this meeting, taking on the role of AAPG Technical Program Vice Chair.

2013 Cartagena ICE

- Victor Vega has agreed to be TAC member and liaison for this conference.

Additional TAC activity

1. A subcommittee examined procedures for abstract review, beginning with what constitutes a good abstract. Gretchen Gillis, Peter Hennings, John Suter, and Steve May considered making recommendations to improve the abstract review and selection process to build stronger technical programs. However, the project was discontinued due to lack of correlation between abstract scores and presentation scores.
2. TAC continues to increase its membership to fill technical and geographical gaps.
3. TAC is investigating the possibility of a presentation exchange with EAGE. Several “Best of Conference” presentations could be included in relevant technical sessions rather than a standalone session of unrelated presentations.
4. TAC is encouraging more abstract submissions from technology providers and service companies.
5. TAC is using the experiences of the Houston 2011 TPC to examine the “theme chair” format in more detail and suggest changes to AAPG staff if warranted.
6. TAC plans to build a generic template of themes and sessions to serve as a starting point for local technical program committees.
7. TAC discussed what they think TAC should be doing. The committee will take a closer look at technology content for all conferences and

educational programs for which AAPG serves as a sponsoring organization.

**Gretchen Gillis and Jon Schwalbach,
Co-Chairs**

Committee members:

Samuel Olusegun Akande,
Sumit Bhardwaj, Dave Lee Cantrell III,
Timothy Robert Carr, Philippe de Clarens,
Arthur Dean Donovan,
Carmen Maria Fraticelli, Gretchen M. Gillis
(co-chair), Michael Robert Gross,
Frances J. Hein, Peter Hill Hennings,
Connie J. Jump, Stephen Ernest Laubach,
Dalton Fredric Lockman,
Steven Robert May, Rohit Mohanty,
Miguel I. Mora-Glukstad,
William A. Morgan, Ronald Alan Nelson,
Christopher Alan Presmyk,
Jon R. Schwalbach Jr. (co-chair),
Daniel Evan Schwartz,
Stephen A. Sonnenberg, John Robert
Suter, Victor H. Vega, and Pinar Oya Yilmaz

Youth Educational Activities

The Committee will strive to increase the knowledge and appreciation of geoscience among students and teachers. The Committee plans to expand participation in the Rocks in Your Head program through increased funding from the AAPG Foundation. The Committee manages the Earth Science Teacher of the Year Award and Teachers' Days at national and Section meetings. The Committee assists and coordinates earth science and energy programs of national youth organizations, such as Boy Scouts, Girl Scouts and 4H. The committee coordinates these activities with other earth science organizations, such as AGI.

The Youth Educational Activities Committee serves the youth of today and helps to support the development of the next generation of geoscientists by enhancing the quality of Earth Science teaching in the Middle and High School environment. The committee members strive to increase the knowledge and appreciation of the geosciences among the teaching community and thereby improving the understanding of their students. We do this by expanding and vetting K-12 programs, which AAPG members then can support with the confidence, that these programs are both effective pedagogically and scientifically correct. This is accomplished by having teachers and geoscientists work together

to develop hands-on lab activities, which demonstrate the scientific concepts, which are required to be taught by each state's educational standards. Committee efforts are also focuses on the Earth Science Teacher of the Year Award and Teachers' training programs at the national and sectional meetings.

Goals for 2010–2011

1. The YEA committee is committed to vetting a cross-section of existing programs, which meet the standards of being pedagogically effective and scientifically correct, and easily understandable and usable in a classroom setting to demonstrate the concepts being taught to Middle and High School students. A preferred program, entitled "Enhancing the Quality of Earth Science Teaching", is based on Owen Hopkins' "Maps in Schools" program which uses the USGS Tapestry of Time and Terrain map as a common thread to teach basic Earth Science concepts.
2. Expand the availability of the "AAPG Earth Science Kit", which was developed by Lab-Aids for AAPG's use. This kit contains four, vetted lab experiments which demonstrate important Earth Science concepts. It is available for \$67 per kit and can be sponsored by AAPG's local societies for nearby schools, or be bought for teachers who attend a training program offered at the Annual or Sectional meetings of AAPG.
3. Realize the long-term goal of uniting/coordinating the efforts of the various K-12 programs of our sister societies, such as SEG, AGI and GSA.
4. Expand the number of Teacher Training Programs offered per year, beyond those offered at the AAPG's Annual and Sectional meetings, such as the meeting of the Science Teachers' Association of Texas where hundreds of earth science teachers attend, and groups like the National Earth Science Teachers Association and its state affiliates. Through the YEA's vetting of acceptable programs, AAPG Sections, Regions and local societies can select programs to be used in their venues that best fit their needs.
5. We have expanded the YEA's committee's responsibility to K-14, to include the two years of Community College experience, where a gap was recognized.

Earth Science Teacher of the Year Award

Jonna Gentry, from Green Mountain High School in Lakewood, Colorado, is the

2012 Teacher of the Year awardee. A growing number of candidates are being submitted, but our goal is to have nominees from each AAPG Section. To support this expansion, each local society should commit to nominating local candidates for consideration at the Section level. Local societies refer to the new calendar for submissions found at the AAPG Foundation website. The YEA committee is also working on ways to recognize Earth Science teachers from around the world, nominated through the AAPG Regions.

Support for Scouting

The YEA encourages AAPG members to get involved in Scouting (Boy Scouts, Girl Scouts, Campfire, 4-H, etc.) by helping scouts in outreach programs learn about Geology through earning belt loops, merit badges, etc. in subjects related to the geosciences.

This involvement can include staffing annual outreach events such as Dinosaur Ridge and national jamborees.

Lyle F. Baie, Chair

Committee members/advisors:
Chuck Caughey, Norm Cygan, Laura Zahm, Lee Billingsley, Eleanor Snow, Don Lewis, Joan Crockett, Denise Cox, Alison Henning, Peter MacKenzie, Richard Ball, Gary Robinson, John Stout, Doug Ratcliff, Eric Radjef, Nina Rach, Jim Puckette, Robert Krantz, William Houston, Paul Henshaw, Inda Immega, Rebecca Dodge, Norm Hyne

Stef Paramoure (2010 TOTY), Sharon Milito (2011 TOTY), Jonna Gentry (2012 TOTY),

Young Professionals

The mission of the AAPG Young Professional Committee is to: Foster a challenging and successful career in the energy business for recent college graduates and early career geoscientists. Build an understanding of the value of a lasting relationship between AAPG and young professional members. Accomplishing this mission will require: Open communication with students about careers in earth science. Identifying and serving early career needs of young geoscientists. Offering opportunities for networking, career guidance, learning, and enhancing professional competence.

Vision

Our vision is to evolve from a membership committee into a leadership and career development committee, which represents AAPG's diverse membership base and facilitates a dynamic relationship between students and young professionals. "Young professional" is a transitional status, which requires continued professional development and a commitment to lifelong learning. Additionally, young professionals will challenge the status quo by encouraging leadership to continue to move forward via two-way mentorship and guidance and by being a group that not only acts as an agent of change, but also embraces and promotes change. Finally, we envision that young professionals will develop into a pool of unique and competent talent from which the AAPG can identify leaders for committee chairs, HoD, Divisions, Advisory Council, Affiliated and Associated Society Leadership and Executive Committee Leadership.

Activities

A survey was sent out to AAPG young professional members to poll their awareness of the Committee's initiatives and investigate their level of participation in Association affairs. The results of this survey showed that communication was poor and involvement with decision-making was lacking. The initiatives described below were taken to address these key issues.

The Young Professionals Committee engaged with a range of AAPG stakeholders to strengthen ties, promote regular interaction with young professionals and raise awareness of the Committee's goals.

In a joint initiative with the leadership of the House of Delegates, we tried to encourage the Regions and Affiliated Societies to include young professionals on the ballot with the intent of accomplishing two main goals: increasing the number of young professionals as members of the House of Delegates, and promoting greater young professional involvement in the decision-making process governing AAPG affairs. This initiative had moderate success. The number of young professional delegates has increased from one in 2010–11 to four in 2011–12 when using an age limit of 35.

We also collaborated with the Division of Professional Affairs regarding the development of a DPA Member-in-Training program, which envisaged young

professionals being mentored by DPA members in preparation for certification. Although this initiative has not yet matured, the decision was made to propose a Bylaws change to allow for an YP liaison to be incorporated into the DPA Council. Initial contacts with the other Divisions look promising and we have been pursuing the incorporation of YP liaisons with them as well.

We also had a committee recruitment drive where we identified vacancies in AAPG standing committees and aimed to fill them with young professionals. While this initiative was championed by both this Committee and AAPG President Paul Weimer, we had little response from other committee chairs. However, we were able to place a young professional as committee chair of the Visiting Geoscientist Program Committee. Previous efforts have resulted in the placement of 16 YPs on 8 committees. We plan to continue this initiative for next year.

To address the lack of awareness of both the Committee's activities and the possibilities for active participation in the Association, both traditional and online communications were overhauled.

Several YP Committee members have published Explorer articles highlighting young professional events and initiatives and the Committee plans to continue submitting articles throughout the year. The Committee website was redesigned and brought up-to-date with the help of headquarters staff. It now provides an overview of the Committee members and activities, as well as contact information. Also increased was the use of our Facebook group and targeted emails.

Both at the ACE in Long Beach and the ICE in Milan, the Committee organised a meet-n-greet, which aims to promote networking and experience sharing between students, young professionals and experienced mentors. Both meet-n-greets have proven very well attended, with over 100 participants at ACE and over 130 participants at ICE. Also the Networking Challenge, a competition where students and young professionals are encouraged to engage with AAPG leaders by collecting signatures around the Exhibition Hall during Sunday's Icebreaker, was conducted at both meetings. Both events aim to increase the exposure and participation of young professionals and students at our national and international meetings.

In Long Beach, the Committee hosted the first-ever YP Networking Reception at the Rock Bottom Brewery. Attendees enjoyed good food, local beers and the chance to network with other young professionals attending the ACE. The

"YP-only" event gave YPs a chance to share their experiences with working in the industry and being a part of AAPG.

Prior to the Leadership Days in Boulder, Colorado, the Committee hosted the Young Professionals Leadership Summit. The program included: training on personality types and leadership styles; work sessions; information sessions by AAPG staff on the Sections and Regions, the Foundation and the Divisions; sessions with AAPG leadership on Robert's Rules of Order, the AAPG President's Vision and AAPG Bylaws; and a session with Section and Region leaders to developing an action plan.

The committee also coordinates and promotes the activities of the YP Chapters in the below locations and aims to develop them in the other Sections and Regions:

Egypt, Gabon, Nigeria, South Africa (Africa Region)

Calgary, Edmonton, St. John's (Canada Region)

The Netherlands, UK, Norway (European Region)

Colombia, Ecuador, Peru (Latin America Region)

Houston, New Orleans (Gulf Coast Section)

Bakersfield, Long Beach (Pacific Section)
Denver (Rocky Mountain Section)

Goals

In addition to continuing to organize the annual activities described above in 2012–13, the Young Professionals Committee will be focusing on promoting a bylaws change to allow for an official "Young Professional" special designation, improving the integration with the Sections and Regions, further developing YP Chapters in industry hubs and maintaining our communication pipeline. To evaluate our progress, we will also be performing a follow-up membership survey towards the end of the year.

Budget

The 2011–2012 budget allocated funding to the Young Professionals Committee, with the goal of providing financial assistance to YP programs in the Sections and Regions, as well as Committee activities.

Noble Energy agreed to sponsor the meet-n-greet at ACE in Long Beach and have renewed their support for the ACE in Pittsburgh and extended sponsorship to include the YP Networking Reception.

Through generous support from the AAPG Foundation and the Executive Committee, ten representatives from the different Sections and Regions were able to attend the Young Professionals

Leadership Summit in Boulder, Colo., in August 2011.

Nick Lagrilliere

Committee members: Nick Lagrilliere, chair; Meredith Faber, vice-chair; Olatunbosun Oke, Africa Region lead; Reetu Ragini, Asia-Pacific Region lead; Ryan Lemiski, Canada Region lead;

Ruairi McDonald, European Region lead; Ignacio Iregui, Latin America Region lead; Anwar Al-Beajji, Middle East Region lead; Bob Fedinetz, Eastern Section lead; Riyad Ali-Adeeb, Gulf Coast Section lead; Drew Kreman, Mid-continent Section lead; Jon Allen, Pacific Section lead; Catherine Campbell, Rocky Mountain Section lead; and Nikki Morris, Southwest Section lead

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

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

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.

2012 Recipients

Adekunle A. Adesida
 Ibrahim A. Al-Jallal
 Lee T. Billingsley
 Dudley W. Bolyard
 Paul M. Harris
 Philip H. Stark
 Mahmoud Abdul-Baqi, 2003
 Adebayo O. Akinpelu, 2010
 John J. Amoruso, 1987
 Albert W. Bally, 1986
 Richard S. Bishop, 2006
 George R. Bole, 1999

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
 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
 Li Desheng, 1994*
 Wallace de Witt, Jr., 1999
 Edward D. Dolly, 2007
 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
 Howard R. Gould, 1979
 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
 Frank W. Harrison, Jr., 1986
 James Austin Hartman, 1992
 John D. Haun, 1984
 Christopher P. M. Heath, 2005
 G. Warfield "Skip" Hobbs, 2005
 John R. Hogg, 2010
 Terry L. Hollrah, 2006
 Myron K. Horn, 1997
 Robert R. Jordan, 1993
 John G. Kaldi, 2009
 Barry J. Katz, 2011
 John R. Kerns, 1993
 Hans H. Krause, 1998*
 Susan M. Landon, 2000
 Roberto A. Leigh, 1996*
 Donald W. Lewis, 2008
 Robert G. Lindblom, 1999
 Peter M. Lloyd, 2008
 John P. Lockridge, 1987
 Ernest A. Mancini, 2008
 Charles J. Mankin, 2000
 Anibal R. Martinez, 1983*

*Distinguished Achievement Awardee

John A. Masters, 1996
 Marcio Rocha Mello, 1998*
 Daniel F. Merriam, 1996
 Richard F. Meyer, 1987
 Robert M. Mitchum, Jr., 2000
 Raul Mosmann, 2002
 William R. Muehlberger, 1995
 D. Keith Murray, 1988
 Roelof J. Murriss, 1995*
 Arne R. Nielsen, 1992
 J. Michael Party, 2009
 Douglas G. Patchen, 2004
 Alain Perrodon, 1995*
 M. Dane Picard, 1994
 George B. Pichel, 1991
 Edward B. Picou, Jr., 2002
 Lewis S. "Stan" Pittman, 2001
 R. Randy Ray, 2011
 David G. Roberts, 2001
 John W. Rold, 2006
 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
 Donald Sherwood Stone, 1994
 Charles A. Sternbach, 2011
 Paul M. Strunk, 1999
 John A. Taylor, 1982
 M. Ray Thomasson, 2003
 Jack C. Threet, 2008
 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
 Peter A. Ziegler, 2009

**Deceased Honorary Members with
 Year of Election or Year of Award**

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
 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
 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. Hilseweck, 1969
 Harold W. Hoots, 1974
 Henry V. Howe, 1967
 J. V. Howell, 1956
 M. King Hubbert, 1974
 J. P. D. Hull, 1951
 George S. Hume, 1954
 V. C. Illing, 1960
 James R. Jackson, Jr., 1982
 H. R. Johnson, 1953
 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
 M. M. Leighton, 1950
 A. I. Levorsen, 1957
 James O. Lewis, 1986
 Ray C. Lewis, 1993
 Theodore A. Link, 1962
 E. R. Lloyd, 1950
 John David Love, 1995
 Leonard F. McCollum, 1974
 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
 Clarence L. Moody, 1956
 Graham B. Moody, 1962
 John D. Moody, 1972
 Raymond C. Moore, 1957
 Robert B. Moran, 1959
 Frank A. Morgan, 1961

*Distinguished Achievement Awardee

Harold T. Morley, 1968
 Grover E. Murray, 1970
 Jerry Bowers Newby, 1967
 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
 John T. Rouse, 1971
 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
 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

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

Robert R. Berg Outstanding Research Award

2009 – Bradford E. Prather
 2010 – Martin P. A. Jackson
 2011 – Ole Jacob Martinsen
 2012 – Henry W. Posamentier

Michel T. Halbouty Memorial Human Needs Award

The Michel T. Halbouty Memorial Human Needs Award is 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
 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

*Special Commendation Awardee

	James A. Hartman James S. MacDonald William R. Moran Anthony Reso	Khalid Ngah* James P. Rogers John D. Sistrunk, Jr. Carl J. Smith	Ian Derek Collins Robert L. Countryman Ben D. Hare Jean R. Lemmon
1986 –	Allan P. Bennison Louis C. Bortz Charles F. Dodge III Myron K. Horn Roscoe E. Shutt	1995 – Richard S. Bishop Brenda K. Cunningham Edward K. David Samuel Arthur Friedman Kenneth Jinghwa Hsu* Susan M. Landon A. John Martin*	2002 – Wolfgang E. Schollnberger Thomas S. Ahlbrandt Jeffrey Aldrich Donald D. Clarke John R. Hogg
1987 –	A. T. "Toby" Carleton James A. Gibbs John W. Harbaugh Daniel F. Merriam Bill St. John Larry D. Woodfork	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*	2003 – Norbert E. Cygan Donald W. Lewis Steven L. Veal Paul Weimer
1988 –	James M. Forgotson, Jr. Gerald Manfred Friedman Robert R. Johnston Robert R. Jordan John R. Kerns Jack P. Martin John A. Masters	1997 – Lee T. Billingsley Stewart Chuber Walter P. Grün* Terry L. Hollrah Frank Horvath* John George Kaldi* Susan M. Morrice Emiliano Mutti* David G. Roberts* Dan L. Smith Anthony Tankard	2004 – Royce P. Carr Pete G. Gray Jeanne E. Harris Barry J. Katz Lowell K. Lischer Deborah K. Sacrey
1989 –	George R. Bole Martha Lou Broussard Clemont H. Bruce David G. Campbell Lee C. Gerhard Scott J. Lysinger William H. Matthews III	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*	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
1990 –	James A. Helwig Michael E. "Mike" Hriskevich Lewis S. "Stan" Pittman William H. Roberts III Edward C. Roy, Jr. Nahum Schneidermann Richard Steinmetz	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	2006 – Martin D. Hewitt Neil F. Hurley John George Kaldi Larry C. Knauer Jeffrey W. Lund
1991 –	Dudley W. Bolyard Robbie Rice Gries George C. Hardin, Jr. Jerome J. C. Ingels Edward D. Pittman Robert M. Sneider Don F. Tobin	2000 – Edward D. Dolly Peter M. Lloyd* J. Michael Party Robert T. Sellars, Jr. Robert C. Shoup Dietrich Welte* Pinar Oya Yilmaz	2007 – Adekunle A. Adesida Alfredo E. Guzman Andrew Hurst John C. Lorenz Eric P. Mason Valary L. Schulz
1992 –	Edward A. Beaumont Steven H. Harris Christopher P. M. Heath Robert G. Lindblom James A. Peterson Phillip E. Playford*	2001 – Elizabeth B. Campen Chuck Caughey	2008 – Katharine Lee Avary John (Jack) D. Edwards Barry A. Goldstein Douglas C. Peters
1993 –	Paul A. Catacosinos John C. "Jack" Dunlap Mateu Esteban* Gay L. Harmann Larré Hugh M. Looney Lucien Montadert* Wolfgang Schlager* George D. Severson Paul M. Strunk Thomas L. Wright		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
1994 –	Charles S. Hutchison* Murray Johnstone* R. Pratjatna Koesoemadinata* Susan Longacre Edward McFarlan, Jr. G. A. S. Nayoan*		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

*Special Commendation Awardee

- 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
Adedola R. Ojelabi
Victor H. Vega
Mark L. Wilson

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 – Aural 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

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

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. Raynolds
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

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

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

Wallace E. Pratt Memorial Award

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

- 1982 – Roelof J. Murriss
- 1983 – James K. Crouch
- 1984 – William E. Galloway
David K. Hobda
Kinji Magara
- 1985 – Carr P. Dishroon, Jr.
Dave Russell Kingston
Philip A. Williams
- 1986 – Tod P. Harding
- 1987 – Tod P. Harding

1988 – Shankar Mitra
 1989 – Bernard P. Tissot
 Regis Pelet
 Philippe Ungerer
 1990 – Charles D. Winker
 Richard T. Buffleur
 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

Robert H. Dott, Sr., Memorial Award

The Robert H. Dott, Sr., Memorial Award (formerly the President's Award) is to honor and reward the author/editor of the best Special Publication

dealing with geology published by the Association. The cash award is \$500.

1945 – William E. Wallace
 1946 – Horace G. Richards
 1947 – Robert F. Walters
 1948 – L. L. Sloss
 W. M. Laird
 1949 – Sherman A. Wengerd
 1950 – F. M. Swain
 Frank Reedy, Jr.
 1951 – Walter B. Spangler
 Jahn J. Peterson
 1952 – Raymond Siever
 1953 – Donald F. Towse
 1954 – Charles C. Bates
 1955 – Paul V. Smith, Jr.
 1956 – J. Law
 Robert H. Dott, Jr.
 1957 – Robert H. Parker
 1958 – John C. Ludwick
 William R. Walton
 1959 – John M. Andrichuk
 1960 – Robert L. Folk
 1961 – Richard W. Fetzner
 1962 – J. G. C. M. Fuller
 1963 – P. G. Temple
 L. J. Perry
 1964 – James M. Forgotsen, Jr.
 1965 – Harry V. Spooner, Jr.
 1966 – Dietrich H. Welte
 1967 – No Recipient
 1968 – Ghansham D. Sharma
 1969 – Leo F. LaPorte
 1970 – Ernst Cloos
 1971 – Peter Lehner
 1972 – Hollis D. Hedberg
 1973 – Mason L. Hill
 1974 – Rufus J. LeBlanc
 1975 – Ronald E. Wilcox
 Tod P. Harding
 Donald R. “Don” Seely
 1976 – Daniel A. Busch
 1977 – Edgar W. Owen
 1978 – Tod P. Harding
 1979 – Robert M. Mitchum, Jr.
 Peter R. Vail
 John B. Sangree
 1980 – *Bulletin*
 Brian D. Evamy
 Jean Haremboure
 Peter Kamerling
 William A. Knapp
 Felix A. Molloy
 Paul H. Rowlands
Special Publication
 Peter A. Scholle
 1981 – *Bulletin*
 Michael A. Arthur
 Seymour O. Schlanger

Special Publication

Peter A. Scholle
 1982 – *Special Publication*
 Robert J. Cordell
 William H. Roberts, III
 1983 – Michel T. Halbouty
 1984 – George B. Asquith
 1985 – Albert W. Bally
 1986 – Gerard Demaison
 Roelof J. Murriss
 1987 – Orville Roger Berg
 Donald G. Woolverton
 1988 – James A. Peterson
 1989 – Albert W. Bally
 1990 – Peter A. Ziegler
 1991 – Anthony J. Tankard
 Hugh R. Balkwill
 1992 – John C. Van Wagoner
 Robert M. Mitchum, Jr.
 Kirt M. Champion
 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 Suárez 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 Román Ramos
 2012 – M. Pöppelreiter
 C. Garcia-Carballido
 M. A. Kraaijveld

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 – Sebastián 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

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

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

George C. Matson Memorial Award Top 10 Oral Presenters at the 2011 Annual Meeting in Houston, TX

Lars Wensaas
 Marita Gading
 Helge Loseth
 Michael Springer

Ben Hewett
 David Garner
 Jan Douma
 Madhu Kohli
 Duane Johnson

Helge Loseth
 Lars Wensaas
 Marita Gading
 Kenneth Duffaut

Anjali M. Fernandes

David Mohrig
 Ron Steel
 Sverre Henriksen
 James Butles

Jeffrey A. May

Donna Anderson

Quinn Passey

Kevin Bohacs
 Robert E. Klimentidis
 William L. Esch
 Somnath Sinha

Henry W. Posamentier

Kila Bale
 Steve Decker
 Rosanne Jowitt

Marita Gading

Helge Loseth
 Lars Wensaas
 Kenneth Duffaut
 Jorunn Johannesen
 Michael Springer
 Per Inge Espedal
 Richard Tondel

Robert Loucks

Stephen Ruppel
 Robert Reed
 Ursula Hammes

Robert F. Sloan

Fred Diegel
 Mark McRae
 Annemieke Van Den Beukel

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 – Jesús Maguregui Solaguren
- 1994 – Rob B. Leslie
- 1995 – John R. Sutter
 Kevin M. Bohacs
- 1996 – Cynthia L. Blankenship
 Douglas A. Stauber
 David S. Epps
 Chuck Guderjahn
 John D. Oldroyd
- 1997 – James C. Niemann
- 1998 – Hege Mait Nordgård Bølas
 Christian Hermanrud
 Eirik Vik
 Britta Paasch
- 1999 – Eloise Doherty
 Stephen E. Laubach
- 2000 – Brad E. Prather
 Joseph R. Straccia
- 2002 – Martin K. Dubois
 Alan P. Byrnes
 W. Lynn Watney
- 2003 – Vitor Dos Santos Abreu
 Thomas David De Brock
 Kendall Meyers
 Dag Nummedal
 Steven L. Pierce
 William A. Spears
- 2004 – Alan P. Byrnes
 Martin K. Dubois
 Evan K. Franseen
 W. Lynn Watney
- 2005 – Mark Allen
 Eric J-P. Blanc
 Clare Davies
 Adrian Heafford
 Robert A. Scott
 Stephen J. Vincent
- 2006 – Hege Marit Nordgård 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

Jules Braunstein Memorial Award Top 10 Poster Presenters at the 2011 Annual Meeting in Houston, TX

- Roger M. Slatt
 Younane Abousleiman
- Richard Denne
 Erik Scott
 Timothy Buddin
 Steve Carlson
 David Eickhoff
 Ronald Hill
 Joan Spaw
- Christophe Serié
 Mads Huuse
 Niels Schodt
- Richard Denne
 Erik Scott
 Timothy Buddin
 Steve Carlson
 David Eickhoff
 Ronald Hill
 Joan Spaw
- Stephen Carney
 Grigoriy Perov
 Kenneth Kemp
- Ning Sin Ni Chai
 Rick Beaubouef
 C. R. Handford
 Ken Grush
- Tim Dooley
 Martin Jackson
 Mike Hudec
- Alan Wood
 Richard Collier
 Douglas Paton
- Erik Scott
 Richard Denne
 James Kaiser
 Timothy Buddin
 Steve Carlson
 David Eickhoff
 Ronald Hill
 Joan Spaw
- Gavin Elliot
 Paul Wilson
 Christopher Jackson
 Robert L. Gawthorpe
 Lisa Michelsen
 Ian Sharp
- Michael Holmes
 Dominic Holmes
 Antony Holmes

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 Ripapi

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
2010 – No Recipient (meeting canceled)

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

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**
 Byeongiu Jung
 James R. Boles
 2011 – **David W. Houseknecht**
 Ken J. Bird

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

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. Pausé**

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. Keggin
- 2003 – Roy C. Davies
 Ron Boyd
 John Howell
- 2004 – José Alejandro Luquez
 2005 – Marek Kacewicz
 2006 – Dale A. Leckie
 2007 – No Conference
 2008 – Charles Kerans
 2009 – Pedro V. Zalán
 Maria do Carmo G. Severino
 João Alberto B. Oliveira
 Luciano P. Magnavita
 Webster U. Mohriak
 Rogério C. Gontijo
 Adriano R. Viana
 Peter Sztatmari
- 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

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 Staffleu
- 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

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

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

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 \$2,500 for the teacher's use in the classroom, and the teacher also receives \$2,500 cash, plus an expense paid trip to the next AAPG Annual Meeting to receive the award.

- 1996 – Jane Justus Frazier
- 1997 – No Recipient
- 1998 – No Recipient
- 1999 – Herbert L. Turner
- 2000 – Peggy Lubchenco
- 2001 – John McKinney
- 2002 – Kevin Leineweber
- 2003 – Amy J. John
- 2004 – Michael Fillipow
- 2005 – Marilyn Bachman
- 2006 – James G. Schulz
- 2007 – Ryan Henry
- 2008 – Mary Fitts
- 2009 – Ty Robinson
- 2010 – L. Stef Paramoure
- 2011 – Sharon Milito
- 2012 – Jonna Gentry

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

Term	President	Sections Vice President	Regions Vice President	President-Elect
2007-08	Willard "Will" R. Green	John M. Armentrout	John R. Hogg	Scott W. Tinker
2008-09	Scott W. Tinker	W. C. "Rusty" Riese	John R. Hogg	John C. Lorenz
2009-10	John C. Lorenz	W. C. "Rusty" Riese	Alfred E. Guzmán	David G. Rensink
2010-11	David G. Rensink	Marvin D. Brittenham	Alfred E. Guzmán	Paul Weimer
2011-12	Paul Weimer	Marvin D. Brittenham	Stuart D. Harker	Edward A. Beaumont
2012-13	Edward A. Beaumont	Thomas E. Ewing	Stuart D. Harker	Lee Krystinik

Term	Treasurer	Editor	Chairman, House of Delegates
1970-71	William B. Heroy, Jr.*	John D. Haun	George R. Gibson*
1971-72	William B. Heroy, Jr.	Frank E. Kottlowski*	George C. Hardin, Jr.*
1972-73	Fred A. Dix, Jr.*	Frank E. Kottlowski	Herbert G. Davis
1973-74	Edd R. Turner, Jr.*	Frank E. Kottlowski	Robert J. Gutru
1974-75	George C. Grow, Jr.*	Frank E. Kottlowski	Hugh N. Frenzel*
1975-76	George C. Grow, Jr.	John W. Shelton	Robert N. Hacker*
1976-77	George S. Galbraith*	John W. Shelton	John W. James*
1977-78	George S. Galbraith	John W. Shelton	Harry A. Miller, Jr.*
1978-79	George B. Pichel	John W. Shelton	J. Miller Goodger
1979-80	George B. Pichel	Myron K. Horn	Louis C. Bortz
1980-81	John S. Runge	Myron K. Horn	H. Victor Church*
1981-82	John S. Runge	Myron K. Horn	David G. Campbell
1982-83	Norman H. Foster*	Myron K. Horn	William H. Roberts, III*
1983-84	Norman H. Foster	Richard Steinmetz	Bruce O. Tohill
1984-85	John R. Kerns	Richard Steinmetz	A. T. (Toby) Carleton
1985-86	John R. Kerns	James A. Helwig	Larry D. Woodfork
1986-87	Anthony Reso	James A. Helwig	John L. Stout

*Deceased

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

Term	Secretary	Treasurer	Editor	Chairman, House of Delegates
2007-08	Edward "Ted" A. Beaumont	Randi S. Martinsen	Gretchen M. Gillis	Martin D. Hewitt
2008-09	Edward "Ted" A. Beaumont	Kay L. Pitts	Gretchen M. Gillis	George R. Bole
2009-10	William S. Houston	Kay L. Pitts	Gretchen M. Gillis	Stephen A. Sonnenberg
2010-11	William S. Houston	James S. 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

Energy Minerals Division Executive Committees

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

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

Term	President	Vice President	President-Elect	Secretary	Treasurer
1998-99	Lawrence L. Brady	Jack C. Pashin	Thomas E. Ewing	Brian J. Cardott	James C. Hower
1999-00	Thomas E. Ewing	Andrew R. Scott	Ronald L. Grubbs	Brian J. Cardott	Michael A. Wiley*
2000-01	Ronald L. Grubbs	Brian J. Cardott	Andrew R. Scott	Alexander R. Papp	Michael A. Wiley
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

Term	President	Vice President	President-Elect	Secretary	Treasurer
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

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*

Term	President	Vice President	Secretary -Treasurer
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	Bob 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
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

*Deceased

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

*Deceased

Annual Convention Locations and General Chairmen

Year	City	General Chairman	Year	City	General Chairman
1916	Norman, Oklahoma	Charles H. Taylor	1946	Chicago, Illinois	Theron Wasson
1917	Tulsa, Oklahoma	F. R. Rees	1947	Los Angeles, California	Harold W. Hoots
1918	Oklahoma City, Oklahoma	—	1948	Denver, Colorado	Thomas S. Harrison
1919	Dallas, Texas	—	1949	St. Louis, Missouri	W. B. Wilson
1920	Dallas, Texas	—	1950	Chicago, Illinois	Lynn K. Lee
1921	Tulsa, Oklahoma	M. M. Valerius	1951	St. Louis, Missouri	Walter H. Spears
1922	Oklahoma City, Oklahoma	—	1952	Los Angeles, California	Howard C. Pyle
1923	Shreveport, Louisiana	Ben K. Stroud	1953	Houston, Texas	Carleton D. Speed, Jr.
1924	Houston, Texas	Alexander Deussen	1954	St. Louis, Missouri	Graham B. Moody
1925	Wichita, Kansas	Marvin Lee	1955	New York, New York	G. Moses Knebel
1926	Dallas, Texas	R. B. Whitehead	1956	Chicago, Illinois	Morris M. Leighton
1927	Tulsa, Oklahoma	M. M. Valerius	1957	St. Louis, Missouri	Harold T. Morley
1928	San Francisco, California	E. G. Gaylord	1958	Los Angeles, California	Leo R. Newfarmer
1929	Fort Worth, Texas	J. Elmer Thomas	1959	Dallas, Texas	W. Dow Hamm
1930	New Orleans, Louisiana	W. W. Grimm	1960	Atlantic City, New Jersey	Harry S. Ladd
1931	San Antonio, Texas	D. R. Semmes	1961	Denver, Colorado	Laurence Brundall
1932	Oklahoma City, Oklahoma	Irving Perrine	1962	San Francisco, California	Gordon B. Oakeshott
1933	Houston, Texas	Alexander Deussen	1963	Houston, Texas	William A. Thomas
1934	Dallas, Texas	Clyde M. Bennett	1964	Toronto, Canada	William A. Roliff
1935	Wichita, Kansas	E. C. Moncrief	1965	New Orleans, Louisiana	Gordon I. Atwater
1936	Tulsa, Oklahoma	Frank Rinker Clark	1966	St. Louis, Missouri	Clarence E. Brehm
1937	Los Angeles, California	Frank A. Morgan	1967	Los Angeles, California	John E. Kilkenny
1938	New Orleans, Louisiana	R. A. Steinmayer	1968	Oklahoma City, Oklahoma	Edwin P. Kerr, Jr.
1939	Oklahoma City, Oklahoma	R. W. Laughlin	1969	Dallas, Texas	William J. Hilsweck
1940	Chicago, Illinois	Verner Jones	1970	Calgary, Canada	John M. Browning
1941	Houston, Texas	Alexander Deussen	1971	Houston, Texas	Edd R. Turner, Jr.
1942	Denver, Colorado	C. E. Dobbin	1972	Denver, Colorado	Robert J. Weimer
1943	Fort Worth, Texas	Karl A. Mygdal	1973	Anaheim, California	Arthur R. Weller
1944	Dallas, Texas	Joseph M. Wilson	1974	San Antonio, Texas	M. O. Turner
1945	Tulsa, Oklahoma	Business meeting only held	1975	Dallas, Texas	Robert J. Cordell
			1976	New Orleans, Louisiana	M. Gordon Frey

Annual Convention Locations and General Chairmen

Year	City	General Chairman	Year	City	General Chairman
1977	Washington, D.C.	Richard F. Meyer	1995	Houston, Texas	James O. Lewis, Jr.
1978	Oklahoma City, Oklahoma	Lee R. Riley	1996	San Diego, California	John A. Minch
1979	Houston, Texas	Anthony Reso	1997	Dallas, Texas	Tom Mairs
1980	Denver, Colorado	John P. Lockridge	1998	Salt Lake City, Utah	M. Lee Allison
1981	San Francisco, California	Donald L. Ziegler	1999	San Antonio, Texas	Edward C. Roy, Jr.
1982	Calgary, Canada	James MacDonald	2000	New Orleans, Louisiana	Eric P. Mason
1983	Dallas, Texas	Lewis S. (Stan) Pittman	2001	Denver, Colorado	Stephen A. Sonnenberg
1984	San Antonio, Texas	Edward C. Roy, Jr.	2002	Houston, Texas	Jeffrey W. Lund
1985	New Orleans, Louisiana	George D. Severson	2003	Salt Lake City, Utah	Thomas C. Chidsey, Jr.
1986	Atlanta, Georgia	Howard R. Cramer	2004	Dallas, Texas	Terence G. O'Hare
1987	Los Angeles, California	Eugene F. (Bud) Reid	2005	Calgary, Canada	John Hogg
1988	Houston, Texas	Richard S. Bishop	2006	Houston, Texas	Charles A. Sternbach
1989	San Antonio, Texas	Don F. Tobin	2007	Long Beach, California	Dalton F. Lockman
1990	San Francisco, California	James R. Baroffio	2008	San Antonio	Gene Ames III
1991	Dallas, Texas	Charles F. Dodge	2009	Denver, Colorado	R. Randy Ray
1992	Calgary, Canada	George Eynon	2010	New Orleans, Louisiana	Tom Hudson
1993	New Orleans, Louisiana	Bob Sabaté	2011	Houston, Texas	Stephen Levine
1994	Denver, Colorado	Robbie R. Gries	2012	Long Beach, California	Kay Pitts

International Conference Locations and General Chairmen

Year	City	General Chairman	Year	City	General Chairman
1984	Geneva, Switzerland	P.W.J. Wood	2002	Cairo, Egypt	Mostafa El Ayouty
1988	Nice, France	James A. Helwig	2003	Barcelona, Spain	Jorge Ferrer Modolell
1991	London, England	A. J. Martin	2004	Cancun, Mexico	Alfredo E. Guzmán
1992	Sydney, Australia	Murray H. Johnstone	2005	Paris, France	Jean-Marie Masset
1993	Caracas, Venezuela	Juan Chacin	2006	Perth, Australia	Agu Kantsler
	The Hague, Netherlands	Roelof J. Murriss	2007	Athens, Greece	Geir Lunde (Joint Regional)
1994	Kuala Lumpur, Malaysia	Khalid Ngah	2008	Cape Town, South Africa	Sipho Mkhize
1995	Nice, France	Lucien Montadert	2009	Rio de Janeiro, Brazil	Heraldo Lima
1996	Caracas, Venezuela	José P. Dominguez	2010	Calgary, Canada	John Hogg
1997	Vienna, Austria	Walter P. Grün			David Dolph
1998	Rio de Janeiro, Brazil	Joel Mendes Rennó	2011	Milan, Italy	Jonathan Craig
1999	Birmingham, England	R. F. P. Hardman	2012	Singapore	Richard Lorentz
2000	Bali, Indonesia	Gatot K. Wiroyudo			

2012 Fifty-Year Members

List is not comprehensive. It includes only those who attained 50-year membership in 2012.

Donald Joe Adams
Marion Edward Anglin
William Dean Bacheller
Manuel Nathan Bass
Gary D. Bell
Edwin W. Biederman, Jr.
Buddhadeb Biswas
Thomas Keith Bjorklund
Clell Miller Blackwell
C. James Blom
John Earl Bobbitt
Donald E. Bouse
Wilbur Crampton Bradley
Billy Dean Broughton
Graham Archdall Brown
William Edgar Bulmer
Luigi P. Caffisch
Paul Anthony Catacosinos
Donald Neal Collins
James Jamison Crawford, Jr.
John Clements Davis
Miles J. Davis
Dwight E. Deal
Robert D. Dougherty
Gordon Earle Duffy
John B. Dunnewald
David Lewis Egleston
Jim Elkin
Stewart Thompson Evans
Richard E. Eyster
Guy J. Fortems
James Willis Fowler
Lawrence Lee Fuller
Paul Martin Gagnon
Harry Lee Gearhart
Melvin Obert Glerup
Jack Gaylord Goodwin

Bobby Marcum Greenwood
Garth Manly Greenwood
Dale Lee Hankins
Ronald Wade Harlan
William Elihu Harlan, III
Richard Henry Howard
Sherrill Duane Howery
Syed M. Hussain
Ronald Lee Irion
Charles Maxwell Jacobs
Larry L. Jones
Thomas N. Jordan, Jr.
William Henry Kanen
Adriaan Jan Kapel
John Eyvind Kennedy
John Walton Knox, II
Joseph Walter Kulik
Donald Wilson Lane
Roy Oliver Lindseth
Robert Lee Lord
Frank D. Lovett
John Erick Mack, Jr.
Michael Griswold MacKenzie
Charles Fred Major, Jr.
Lawrence Andrew McPeck
Jereld Edward McQueen
James Allen Melton
Joseph Earl Melton
Stanley Arnold Mollerstuen
Shield Bryce Montgomery
Duane E. Moredock
Dan M. Morgan
Stanley Sherwood Morgan
William Joseph Neal
Robert Eugene Peterman, Sr.
Raymond Alex Price
James Allan Ragsdale
Julius Mosal Ridgway
Louis Eugene Rieg
Lucian David Robbins
Charles William Rogers

William III Rogers
Bill Charles Ross
Ben B. Ruehr
Bruce Victor Sanford
Paul Landis Scherzer
Frederick A. Schilling, Jr.
Earl Albert Schmidt
John Joseph Schneider
Harry Filmar Schram
Marvin Larson Schroeder
John Theodore Schulenberg
Pier Giorgio Scorcelletti
John Caldwell Shaw
Richard Lee Shive
Harry Louis Siebert
John Charles Smith
J. William Soderman
Richard Keith Strahan
Clark Elden Sutley
Monte Newton Swetnam
Russell N. Taylor
Michael M. Thacker
Nikos D. Thomaidis
William Andrew Thomas
George McCullough Thompson
Willis Herbert Thompson, Jr.
Roderick Whitbeck Tillman
Ron A. Timroth
Hugo Valdivia-Ampuero
Bernard Holman Ward, Jr.
Harry Roderick Warters
Henry V. Watkins, Jr.
Lowell Brent Watson
William Robert Webb
Jack H. West
George W. Whitney
John Michael Widmier
Jack Simpson Witter
Michael Stephen Wolfson
George Marshall Young

AAPG Constitution and Bylaws

Constitution

As amended June 25, 2006

ARTICLE I. NAME

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

ARTICLE II. PURPOSES

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

ARTICLE III. MEMBERSHIP

SECTION 1.

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

SECTION 2.

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

ARTICLE IV. CODE OF ETHICS

SECTION 1. General Principles

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

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

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

SECTION 2. Relation of Members to the Public

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

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

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

SECTION 3. Relation of Members to Employers and Clients

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

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

SECTION 4. Relation of Members to One Another

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

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

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

SECTION 5. Duty to the Association

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

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

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

SECTION 6. Discipline for Violations of Standards

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

ARTICLE V. GOVERNMENT

The government of this Association shall be vested in seven (7) elected officers, an Executive Committee, a House of Delegates, and an Advisory Council. The composition of each body, the manner of 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. BY LAWS

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

ARTICLE VIII. AMENDMENTS

SECTION 1. Mail, Electronic Mail or Other Suitable Ballot by Members

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

SECTION 2. Proposal of Amendments

Such amendments may be proposed by the following:

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

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

SECTION 3. Legality of Amendments

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

SECTION 4. Publication of Amendments

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

SECTION 5. Voting on Amendments

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

Bylaws

As amended April 22, 2012

ARTICLE I. MEMBERSHIP

SECTION 1. Membership

Membership in this Association shall consist of the following classifications:

- (a) Members
- (b) Students
- (c) Associates

SECTION 2. Definition of Term "Member"

Unless otherwise expressly provided in these Bylaws, the term "member" shall refer only to Members, as that term is used in classification "a" of Section 1 of this Article 1. Only members may hold office, vote in Association affairs, sponsor membership applications, or refer to themselves as members of the Association.

SECTION 3. Members

Any person engaged in the practice or teaching of geology may apply for membership as a Member, provided the applicant holds a Bachelor's, Master's, or Doctor's Degree 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, in addition, has had a minimum of one (1) year of experience in the practice or teaching of geological science. The Executive Committee may waive degree requirements if in its judgement an applicant has adequate professional experience and has attained standing in the profession.

SECTION 4. Members Designated as Emeritus Members

When Members in good standing in the Association, with all dues paid to date, become sixty-five (65) years of age and have been members of the Association (regardless of classification) for a total of thirty (30) years including time spent in military service, those members shall be designated Emeritus Members of this Association upon advising the Executive Director of the Association of their sixty-fifth (65th) birthday, and by requesting such designation. Thereafter the Emeritus Members shall pay fifty percent (50%) of the amount of dues for Members and shall be entitled to all privileges and advantages of membership as a Member in this Association.

SECTION 5. Members Designated as Honorary Members

Honorary Members shall be those Members of this Association who shall have contributed distinguished service to the cause of petroleum geology. Such designation shall be made by the Executive Committee. A recipient of the Sidney Powers Memorial Medal Award shall become automatically an Honorary Member. Members designated as Honorary Members shall not be required to pay dues, but shall have all the privileges and advantages of membership as a Member in the Association.

SECTION 6. 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.

SECTION 7. Associates

Any person not qualified for any other class of membership who is a graduate of a college of acceptable academic standards whose employment is associated with geological science, may apply for election as an Associate. The Executive Committee may waive degree requirements, if in its judgement an applicant has adequate professional experience, and has attained professional standing.

SECTION 8. Election to Membership

Every candidate for admission as a Member shall submit a formal application on an application form authorized by the Executive Committee, signed by the applicant, and endorsed by not less than three (3) individuals, at least two (2) of whom are members who are in good standing, stating the applicant's training and experience and such other facts as the Executive Committee shall from time to time prescribe.

The Executive Committee shall be the sole judge of the eligibility of the applicant for membership and the adequacy of the applicant's qualifications; provided, however, that the Executive Committee may not waive the endorsement or professional experience requirements set out in this Article I for applicants for admission as Members. If the Executive Committee after due consideration, judges that the applicant's qualifications meet the requirements of the Constitution and these Bylaws, the committee shall cause to be published in the Bulletin or by other suitable means, the applicant's name and the names of the sponsors. If, after sixty (60) days have elapsed since such publication, no reason is presented why the applicant should not be admitted, the applicant shall be deemed eligible to Member or Associate membership, as the case may be, and shall be notified of election to membership.

An objection to the admission to membership of an applicant must be submitted by a Member of the Association, must be in writing, must be received by the Executive Director at the Association's headquarters within sixty (60) days after publication of the applicant's name, must include a full statement of the circumstances on which the objection is based, and must be signed by the member raising the objection. If, in the opinion of the Executive Committee, the objection has merit, the Executive Committee shall reconsider the application.

SECTION 9. Resignation

Any member of whatever classification may resign at any time from the Association; such resignation shall be in writing and shall be accepted by the Executive Committee.

SECTION 10. Loss of Membership Rights

Any member of whatever classification who resigns, or who forfeits membership for non-payment of dues, or who is expelled for ethical reasons ceases to have any rights in the Association and ceases to incur further indebtedness to the Association.

SECTION 11. Reinstatement

Any person who has ceased to be a member of whatever classification who has resigned or who has forfeited membership for nonpayment of dues may be reinstated by unanimous vote of the Executive Committee upon fulfillment of such requirements as may be established by the Executive Committee. Any person who has been expelled from membership for ethical reasons may be reinstated as provided for in Article XI, Section 7 of these Bylaws.

ARTICLE II. OFFICERS, EXECUTIVE DIRECTOR, AND ASSOCIATION POSITIONS

SECTION 1. Designation

The officers of this Association shall be the following:

- (a) President
- (b) Vice President, Sections
- (c) Vice President, Regions
- (d) President-Elect
- (e) Secretary
- (f) Treasurer
- (g) Editor

SECTION 2. President

The President shall be the chief executive officer of this Association. The President shall be spokesman for the

Association on all matters pertaining to the public; shall appoint the members of all committees within the limits prescribed in the Constitution and Bylaws; shall appoint delegates to cooperating organizations to represent the Association; and shall serve as chair of the Executive Committee. Sections elected pursuant to the provisions of Section 12 of this Article II shall be presumed for the purposes of this Section 3 to have been elected on the date of his or her predecessor's election.

SECTION 3. Vice President, Sections

The Vice President, Sections, when elected earlier than the Vice President, Regions, shall perform the duties of the President in the absence or inability of the President to serve. The Vice President, Sections, when elected earlier than the Vice President, Regions, shall assume the office of President in case of a vacancy for any cause in that office; and shall perform such duties as may be assigned by the President. 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. A Vice President, Sections elected pursuant to the provisions of Section 12 of this Article II shall be presumed for the purposes of this Section 3 to have been elected on the date of his or her predecessor's election.

SECTION 4. Vice President, Regions

The Vice President, Regions, when elected earlier than the Vice President, Sections, shall perform the duties of the President in the absence or inability of the President to serve. The Vice President, Regions, when elected earlier than the Vice President, Sections, shall assume the office of President in case of a vacancy for any cause in that office; and shall perform such duties as may be assigned by the President. The Vice President, Regions shall, with his or her other duties, concern himself or herself with the activities of the Association in respect to International Regions. A Vice President, Regions elected pursuant to the provisions of Section 12 of this Article II shall be presumed for the purposes of this Section 4 to have been elected on the date of his or her predecessor's election.

SECTION 5. President-Elect

The President-Elect shall serve for one (1) year as such and in the following year shall assume the office of President. The President-Elect shall have no administrative authority except as a member of the Executive Committee; shall become acquainted with all the details of the office of President, and generally become prepared to serve as President. The President-Elect shall be responsible for the preparation of the budget for the ensuing fiscal year for approval by the Executive Committee.

SECTION 6. 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, shall 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.

SECTION 7. 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; shall serve

ex officio as a member of the Committee on Investments; shall give bond, the amount of which shall be determined by the Executive Committee, shall make the annual report as Treasurer, and perform such other duties as directed by the Executive Committee.

SECTION 8. Editor

The Editor shall have general supervision and final authority in soliciting, accepting, and rejecting all material on technical subjects for publication. The Editor shall have policy oversight and responsibility for editorial content of all technical and peer reviewed publications. With the approval of the Executive Committee, the Editor shall appoint, replace, and reappoint such volunteer associate editors from among the membership of the Association that may be required to accomplish the publication activities of the Association. The Editor shall submit an annual report of editorial activities to the Executive Committee.

SECTION 9. Executive Director

Executive Committee policies shall be implemented by the Executive Director who shall have charge of the Association headquarters and staff personnel as authorized by the Executive Committee. The Executive Director shall be the person to whom all official notices to the Association will be addressed; shall be responsible for the physical custody of all official documents held in repository at Association headquarters; shall be under the personal direction of the President; and will assist in the work of all committees to ensure the effectiveness of the activities of this Association. The Executive Director shall be appointed by and serve at the pleasure of the Executive Committee. The Executive Director shall be chief administrative official of the Association, shall have the authority to execute contracts on behalf of the Association, shall not be an officer of the Association, and shall not be a member of the Executive Committee.

SECTION 10. Terms of Office

(a) The President and President-Elect, each as such, shall serve a one (1)-year term and shall not succeed themselves in office. The Vice President, Sections and the Vice President, Regions, each as such, shall serve a two (2)-year staggered term and shall not succeed themselves in office. Secretary and Treasurer, each as such, shall serve a two (2)-year staggered term and shall not succeed themselves in office. The Editor, as such, shall serve a three (3)-year term and shall not serve successive terms as Editor.

(b) The terms of office shall commence on July 1 following election.

SECTION 11. Election of Officers

(a) These officers shall be elected from among the members of the Association by means of secret ballot in the following manner: not later than June 30 of each year the Advisory Council shall annually recommend two (2) or more candidates each for the office of President Elect, biennially recommend two (2) or more candidates each for offices of Vice President, Sections; Vice President, Regions; Secretary; and Treasurer; and triennially recommend two (2) or more candidates for the office of Editor to stand for election during the following fiscal year, and, if elected, to serve during the second succeeding fiscal year. The Executive Committee shall approve the candidates recommended in the order (if the Advisory Council recommends candidates in a particular order) and for the office recommended by the Advisory

Council unless the Executive Committee, by the affirmative vote of not less than five of its members in each instance, alters the order in which candidates are recommended or changes the office for which a particular candidate is recommended; provided, however, that no person shall be a candidate who declines such candidacy. The Executive Committee shall annually approve two (2) candidates each for the office of President-Elect, biennially approve two (2) candidates each for the offices of Vice President, Sections; Vice President, Regions; Secretary; and Treasurer; and triennially approve two (2) candidates for the office of Editor. Additional nominations may be made by written petition of fifty (50) or more members in good standing received at Association headquarters not later than October 15 following. A candidate or nominee for the office of Vice President, Sections must reside within the United States and be a member of a Section at the date of his or her approval by the Executive Committee as a candidate for such office as described in this Section 11 or when otherwise initially becoming a candidate or nominee for such office. A candidate or nominee for the office of Vice President, Regions must reside outside of the United States and be a member of a Region at the date of his or her approval by the Executive Committee as a candidate for such office as described in this Section 11 or when otherwise initially becoming a candidate or nominee for such office. The names of candidates shall be published in the Explorer or by other suitable means ninety (90) days prior to distribution of ballots to members. The Executive Committee shall then prepare a printed, electronic, or other suitable ballot, listing the candidates for each office, and one (1) ballot shall be mailed, electronically distributed, or distributed by other suitable means to each member on or before April 1. Such ballots may consist of any combination of printed, electronic, and other suitable ballots. Marked ballots returned to and received by the Association after May 15 shall not be counted. 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 is necessary for election. In case of a tie vote the Executive Committee shall cast one (1) additional deciding vote.

(b) In the event that there are more than two (2) candidates for any office, whether through petition or other means as provided for in these Bylaws, then the candidate elected to that office shall be determined as provided in this subsection (b). The ballots for offices having more than two (2) candidates shall provide for the candidates to be voted upon by the voters in order of preference; i.e., first choice, second choice, etc. The candidate receiving a majority of the first choice votes shall be elected to that office. If no candidate receives a majority of the first choice votes cast, then the candidate that received the least number of first choice votes shall be dropped from consideration, and the second choices of those voters whose first choice was the dropped candidate shall be deemed those voters' first choice. Upon a tabulation of the votes according to the provisions of the previous sentence, a candidate with a majority of first choice votes shall be elected; if no candidate yet has a majority, the candidate remaining with the least number of first choice votes shall be dropped from consideration, and the process described above shall again be applied in another tabulation of the votes to determine if a candidate has received a majority of the first choice votes. The process provided in this subsection (b) shall be re-applied until a candidate receives a majority of the first choice votes cast. In the process described in this subsection (b) the first choice of any voter in any tabulation shall be deemed to be the candidate chosen highest by that

voter after removing from that voter's selections the candidate or candidates who have been dropped from consideration prior to the pertinent tabulation.

SECTION 12. Vacancies

(a) 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 were more than one unsuccessful candidate for that office in said election, the candidate to fill the vacancy will be selected in accordance with the election process in Article II, Section 11, subsection (b), of these Bylaws. Should the unsuccessful candidate or candidates be unwilling or unable to fill such vacancy, the Executive Committee may fill such vacancy.

(b) A vacancy occurring in the office of President-Elect, Vice President, Sections, or Vice President, Regions shall be filled by mail, electronic mail, or other suitable ballot by membership, through a special election called by the Executive Committee. Any such ballot may consist of any combination of mail, electronic mail, or other suitable means.

SECTION 13. Release of Election Results

If all candidates in any AAPG election for a specific office approve in writing a statement authorizing the release of the numerical results of their election, those results shall be released to each of the said candidates. Any of those candidates may subsequently disclose such election results to any person provided all candidates agree in writing. For the purposes of this Section 12, AAPG elections include, but are not limited to, elections for officers of the Association, the House of Delegates, and the Divisions, and any other election between members of any classification conducted by the Association.

SECTION 14. Limitations on Association Positions

(a) No member of any classification may hold more than one of the following offices at any one time;

Association President;
Association Vice President, Sections;
Association Vice President, Regions;
Association President-Elect;
Association Secretary;
Association Treasurer;
Association Editor;
Chair, House of Delegates;
Chair-Elect, House of Delegates;
Secretary-Editor, House of Delegates;
Immediate Past Chair, House of Delegates
President of any Division;
Advisory Council member elected by any United States Section; and

Advisory Council member elected by any International Region.

(b) No past president of the Association may within three (3) years after expiration of his or her term of office as such hold any of the offices listed in subsection 14(a) above.

SECTION 15. Limitations on Nomination and Honors and Awards

a) Members serving in any of the Association positions described in Section 14, Article II, of these Bylaws, shall not be eligible to be nominated for any of the offices described in Section 14, Article II of these Bylaws, or selected for an honor or award by the Executive Committee of the Association, except for an honor or award that has been determined by an impartial convention judging process. This

limitation continues for one year immediately following the end of such service.

b) Candidates for the Association positions described in Section 14, Article II of these Bylaws, may not be nominated for any other Section 14, Article II position, while a candidate for a Section 14, Article II position, and may not be selected to receive any honor or award by any Association body, division or committee, 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 III. EXECUTIVE COMMITTEE

SECTION 1. Executive Authority

The executive authority of this Association shall be vested in an Executive Committee which shall serve as its Board of Directors and which shall be composed of the following members:

- (a) President
- (b) Vice President, Sections
- (c) Vice President, Regions
- (d) President-Elect
- (e) Secretary
- (f) Treasurer
- (g) Editor
- (h) Chair, House of Delegates

SECTION 2. Jurisdiction

(a) The Executive Committee shall have general executive control and management of the affairs and funds of this Association; these shall include, but not be limited to: designation of time and place of the annual meeting of the Association; supervision of election of officers and filling vacancies; determination of applicant qualifications and classifications; maintaining a headquarters and staff; accepting, creating, and administering funds for purposes provided under the Constitution and Bylaws of this Association; appointing trustees to manage such funds; establishing such fiscal policies as may be appropriate; and performing such other administrative duties as required to accomplish the objects and purposes of this Association.

(b) The Executive Committee shall also serve as an appeal authority in all matters involving grievance proceedings and professional certification of members.

(c) The Executive Committee shall have sole responsibility and authority for all matters involving the external affairs of this Association.

SECTION 3. Meetings

(a) The Executive Committee shall meet immediately before the annual meeting of the House of Delegates and at such other times during the year and at such places as designated by such Executive Committee and at the call of the President. Robert's Rules of Order shall apply at all meetings, except as the same may be inconsistent with any procedure authorized by this Section 3. A quorum shall consist of four (4) members. No proxy votes shall be allowed and no alternates may be appointed for absent members.

(b) A member of the Executive Committee may participate in a regular or special meeting by, or the meeting may be conducted through the use of, any means of communication allowed under the Colorado Revised Nonprofit Corporations Act.

(c) Any action required or permitted to be taken at a

meeting of the Executive Committee may be taken without a meeting to the full extent allowed by the Colorado Revised Nonprofit Corporations Act.

(d) 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, purpose of the meeting. Notice may be given in any manner permitted by the Colorado Revised Nonprofit Corporations Act, and shall be effective as provided by such Act. Members of the Executive Committee may waive notice as provided under the Colorado Revised Nonprofit Corporations Act.

SECTION 4. Indemnification and Relief from Liability

The officers and directors of the Association, being 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 authorized by the laws of the State of Colorado.

SECTION 5. Amendment of Certificate of Incorporation

The Executive Committee shall have the authority, by a two-thirds (2/3) majority vote, to amend the Certificate of Incorporation of the Association.

ARTICLE IV. HOUSE OF DELEGATES

SECTION 1. Jurisdiction

(a) All of the legislative function of this Association, within the scope of the Constitution and Bylaws, shall be vested in a House of Delegates.

(b) All matters involving the external affairs of the Association shall be referred to the Executive Committee of the Association.

SECTION 2. Apportionment of United States Affiliated Society Delegates and International Region Delegates

Each United States Affiliated Society shall be entitled to one (1) Delegate for up to seventy (70) members of the Association and to one (1) additional Delegate for each additional seventy (70) members, or major fraction thereof, allocated to that society for voting purposes. Each International Region shall be entitled to one (1) Delegate for up to seventy (70) members of the Association and to one (1) additional Delegate for each additional seventy (70) members, or major fraction thereof, allocated to that Region for voting purposes; provided, however, that no International Region shall have fewer Delegates than one (1) Delegate for each Affiliated Society within the Region.

SECTION 3. Selection of United States Affiliated Society Delegates and International Region Delegates

Delegates shall be selected by popular vote of American Association of Petroleum Geologists members in elections conducted annually by United States Affiliated Societies and International Regions. Voting shall be restricted to those Association members claiming the Affiliated Society or Region as their home society or region. Association members residing in the United States and not members of any United States Affiliated Society may be assigned for the purpose of voting in elections for Delegates to the nearest United States Affiliated Society upon request to that society, without enjoying any of the membership privileges. When the three-year term of office of a Delegate from a United States Affiliated Society expires prior to an annual meeting of the

House of Delegates referred to in Section 6 of this Article IV and the society has not elected a Delegate to fill the next three-year term by sixty (60) days before that annual meeting, the president of the United States Section in which the society is located shall prior to that annual meeting appoint a Delegate to serve that next three-year term. All Association members residing outside of the United States shall be assigned to the International Regions 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. All members of an International Region shall be entitled to vote in all elections for all Delegates from that Region. Each International Region shall elect, in an election or elections in which all members of such region shall be entitled to vote, not less than one (1) Delegate from among the Association members of each Affiliated Society within that International Region. Additional Delegates, if any, to which a Region may be entitled shall be elected as determined by the Region; provided, that all Association members assigned to an International Region shall be entitled to vote in all elections of Delegates from that International Region. Any Association member may be a candidate for Delegate from the United States Affiliated Society or International Region in which the member votes upon the member's timely written request. Delegates shall be elected for three (3)-year terms and may succeed themselves; provided, however, that any Delegate elected as an officer of the House of Delegates during the third year of the Delegate's three-year term shall automatically be a voting At-Large Member of the House of Delegates for the one year such person serves as such officer. Terms of office shall begin on July 1 following their election. Vacancies in office, or alternates for Delegates unable to attend meetings of the House of Delegates may be filled or obtained from among the candidates not receiving a sufficient number of votes for election, and in order of the total number of votes received. In the event alternates for Delegates are not available from the candidates described above, then the members of a United States Affiliated Society or an International Region who are Association members may appoint alternate Delegates for said meeting. The names of these appointed alternate Delegates must be received in writing by the Headquarters office of the Association at least fifteen (15) days prior to the meeting of the House of Delegates for which they are appointed.

SECTION 4. At-Large Members

(a) Each current member of the Executive Committee of the Association, each past-chair of the House of Delegates, and each past-president of the Association more than three (3) years out of office, shall be a non-voting member of the House of Delegates. Any At-Large Member may also serve as a voting member if selected by the procedure provided in Article IV, Section 3 above.

(b) An officer of the House of Delegates shall be a voting At-Large Member of the House of Delegates if such officer is not otherwise a voting Delegate.

SECTION 5. Duties of United States Affiliated Society Delegates and International Region Delegates

(a) Delegates shall serve as representatives of the Association members of their United States Affiliated Society or International Region.

(b) Delegates shall familiarize themselves with the

Association's Constitution and Bylaws.

(c) Delegates shall acquaint themselves with the Association's current policies and programs.

(d) Delegates shall inform the leaders of their society or region regarding the Association's program of activities, especially as it relates to cooperative participation and service, and shall keep alternates fully apprised of such matters.

(e) Delegates shall process requests from the Executive Committee for information regarding eligibility of applicants for membership in the Association.

(f) Delegates shall function as local Certification committee members and process requests from the Board of Certification for information regarding applicants for Certification by the Association.

(g) Delegates shall actively solicit applications from eligible geologists for membership in this Association.

(h) Members of the Association before becoming candidates for the office of Delegate should recognize the obligation to attend all meetings of the House of Delegates during their term, and to perform to the best of their ability all duties imposed upon them by these Bylaws.

SECTION 6. Meetings of House of Delegates

The House of Delegates shall meet at least once each year during the annual meeting of the Association. Voting shall be only by those Delegates, or their duly qualified alternates, present and accounted for. No proxy votes shall be allowed. A quorum shall be a majority of all qualified Delegates or alternates elected. The Rules and Procedures established by the House shall be followed and, where not otherwise provided in such Rules and Procedures, Robert's Rules of Order shall apply in all meetings.

SECTION 7. Accreditation of Delegates

(a) All members of the House of Delegates shall be members in good standing of this Association.

(b) The House of Delegates shall be the sole judge of the qualifications of its members within the provisions of this Article.

SECTION 8. Officers of House of Delegates

(a) 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. The term of office shall be one year commencing July 1 following election of officers. The Chair-Elect shall assume the office of Chair of the House of Delegates the year following his or her term of office as Chair-Elect.

(b) Only those members of the House of Delegates having served at least one (1) year as such Delegate shall be eligible to hold any of the offices mentioned in subsection (a) above. Only Delegates may be candidates for any of the offices mentioned in subsection (a) above.

(c) The Chair of the House of Delegates shall become ex officio a member of the Executive Committee of the Association with full voting privileges, and may not serve succeeding terms.

(d) A vacancy occurring in the office of Chair shall be filled by the Chair-Elect who shall, in the event such vacancy occurs prior to the annual meeting of the House of Delegates during such Chair-Elect's term of office remain as Chair during the succeeding year. A vacancy occurring in the office of Chair-Elect shall be filled by the Secretary/Editor. A vacancy occurring in the office of Secretary/Editor shall be filled by appointment by the Chair.

ARTICLE V. ADVISORY COUNCIL

SECTION 1. Jurisdiction

The advisory function of this Association shall be vested in an Advisory Council. The Council shall have no executive authority, but shall report to the Executive Committee on all matters involving ethics and discipline referred to it. The Council shall conduct long-range planning and undertake the necessary studies and investigations in connection therewith. It shall report to the Executive Committee on all matters involving constitutional review referred to it. The Council shall recommend to the Executive Committee nominations for Association officers. The Council shall also recommend nominations for all honors and awards when so directed by the Executive Committee. The Council shall review the organization of the Association and the standing committee structure of the Association. It shall also undertake any special projects wherein guidance is requested by the Executive Committee.

SECTION 2. Ethics and Discipline

Five members of the Advisory Council shall serve as the Hearing Body in grievance proceedings as provided in Article XI of these Bylaws, except as otherwise provided in Article XI, Section 8, of these Bylaws.

SECTION 3. Long-Range Planning

The Advisory Council shall serve as a functioning long-range planning body to review the Association's activities and recommend to the Executive Committee appropriate changes of programs and policies.

SECTION 4. Constitution Review

The Advisory Council shall constantly review the Constitution and Bylaws and recommend to the Executive Committee appropriate amendments to meet the changing needs of this Association.

SECTION 5. Nominations

The Advisory Council shall recommend candidates for Association officers as provided in these Bylaws.

SECTION 6. Honors and Awards

The Advisory Council shall recommend recipients for all honors and awards when so directed by the Executive Committee.

SECTION 7. Additional Duties

The Advisory Council shall be charged with reviewing relationships among the Association, Sections, Regions, and Divisions, and other organizations in order to recommend adjustments which will benefit the Association and its members.

The Advisory Council shall engage in such other special projects and shall perform such duties as the Executive Committee may, from time to time, direct.

SECTION 8. Composition and Terms of Office

Except as set forth in subparagraph (a) and (c) below, the members of the Advisory Council shall each serve for three (3)-year terms in rotation. The members of the Advisory Council shall consist of the following:

(a) The immediate past-president and the two (2) former presidents who have served most recently or their designated representatives from their respective Executive Committees

and the immediate past chair of the House of Delegates;

(b) One (1) or more members of the Association elected every third year by the Association members of each United States Section and International Region, in accordance with a schedule established by the Executive Committee to provide staggered terms and subject to the provisions of subparagraph (d) of this Section 8;

(c) The chief elected officer of each Division who shall serve ex officio during the officer's term, provided said Division has not less than seven hundred and fifty (750) Association members on the first day of the fiscal year of the Association. The chief elected officer of each Division with less than seven hundred and fifty (750) Association members shall be entitled to attend Advisory Council meetings as an Observer but will not be a member of the Advisory Council.

(d) Each United States Section and International Region with not less than seven hundred and fifty (750) Association members shall be entitled to elect one Advisory Council member for up to five thousand (5,000) Association members within such section or region. Each United States Section and International Region with less than seven hundred and fifty (750) Association members will elect for a three (3) year term an Observer to attend Advisory Council meetings but who will not be a member of the Advisory Council except as otherwise provided in these Bylaws. If a Section or a Region which elected an Observer has seven hundred and fifty (750) or more Association members on the first day of any fiscal year of the Association, such Observer shall become a member of the Advisory Council as of that date and continue as such for the remainder of the Observer's three (3) year term. A Section or Region shall be entitled to elect an additional Advisory Council member for each additional five thousand (5,000) members, or any fraction thereof. For the purposes of this subparagraph (d), the number of members of a section or region shall be determined as of the first day of the Association's fiscal year in which an election is to occur. Once elected, an Advisory Council member from a Section or Region shall serve for three (3) years, regardless of the number of members in such section or region during the term of that Advisory Council member.

SECTION 9. Meetings

The Advisory Council shall meet at least once each year during the annual meeting of the Association, and shall submit annual reports to the Executive Committee. Additional meetings may be held at the call of the Chair. A quorum shall consist of a simple majority of members. Robert's Rules of Order shall apply at all meetings. No proxies shall be allowed, but alternates for absentee members may be appointed in accordance with Section 8, paragraph (a), or the procedures prescribed in Section 12 of this Article V. Mail canvasses may be conducted when necessary for interim action requested by the Executive Committee.

SECTION 10. Presiding Officer

The immediate past-president of this Association shall serve as Chair of the Advisory Council, unless, in the event the immediate past-president cannot serve, another member of the Council is elected by the Councillors, to serve. The Chair shall appoint a Recording Secretary who shall keep minutes of each meeting.

SECTION 11. Observers at Advisory Council Meetings

The Advisory Council will invite the following Observers to attend its meetings:

- (a) The Executive Director;
- (b) The President;
- (c) The Chair of the House of Delegates;
- (d) The chief elected officer of each Technical Division that has less than seven hundred and fifty (750) Association members, provided, that the Technical Division would otherwise qualify to elect a member of the Advisory Council were its membership not less than seven hundred and fifty (750) Association members; and
- (e) The elected representative from any United States Section or International Region that has less than seven hundred and fifty (750) Association members, provided, that the United States Section or International Region would otherwise qualify to elect a member of the Advisory Council were its membership not less than seven hundred and fifty (750) Association members. Observers are not Advisory Council members, may not vote, and will not attend executive sessions of the Advisory Council unless authorized to do so by a vote of the Advisory Council.

SECTION 12. Alternates at Advisory Council Meetings for Absent Members

The alternate representative for an absent Advisory Council member shall be that absent member's immediate predecessor as a member of the Advisory Council, except as prescribed in Section 8, paragraph (a) of this Article. If the absent Advisory Council member represents a Region, Section, or Division and did not have a predecessor, or if that predecessor is unwilling or unable to attend in place of the absent Advisory Council member, then the alternate representative shall be designated by the Region, Section, or Division President, and shall be a current member of its executive committee. If an Advisory Council member dies or resigns, then prior to the election of a successor member as prescribed in Article VI, Section 1, such former member's alternate representative shall be as otherwise provided herein for an absent member. An alternate representative may be seated at any time during an Advisory Council meeting. The alternate representative shall have the authority, including the right to vote, of the absent member.

ARTICLE VI. UNITED STATES SECTIONS, INTERNATIONAL REGIONS AND TECHNICAL DIVISIONS

SECTION 1. United States Sections and International Regions

This Association shall establish United States Sections within the United States and International Regions outside the United States on a geographical basis to include Association members as individuals or as groups of federated affiliated geological societies, for the purpose of sponsoring technical meetings and publications and otherwise furthering the objectives of the Association within such Sections or Regions.

United States Sections shall be the:

- (a) Eastern Section;
- (b) Mid-Continent Section;
- (c) Southwestern Section;
- (d) Gulf Coast Section;
- (e) Rocky Mountain Section; and
- (f) Pacific Section;

International Regions shall be the:

- (a) Canadian Region;
- (b) Mexican, Central American, and South American Region;
- (c) European Region;

- (d) African Region;
- (e) Asian/Pacific Region; and
- (f) Middle Eastern Region.

The composition of each Section and Region may be revised, individual Sections and Regions may be dissolved, and additional Sections and Regions may be established upon application of interested individuals and upon the recommendation of the Executive Committee by vote at the annual meeting of the House of Delegates. 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.

Each Section and Region shall be entitled to elect, subject to the provisions of Article V, Section 8, subparagraph (d), of these Bylaws, from among Association members in such Section or Region, a Councillor or Councillors to serve for three (3)-year terms as elected members of the Advisory Council. Each United States Section and International Region with less than seven hundred and fifty (750) Association members shall be entitled to elect an Observer as provided in Article V, Section 8, subparagraph (d), of these Bylaws. Each such Councillor and Observer shall be elected by ballot, submitted to all Association members of the respective Section or Region, from among not less than two candidates nominated by the Section or Region governing body or by submission of a petition of nomination signed by not less than fifty (50) members of such Section or Region and delivered to the Section or Region president at least 30 days prior to start of said election. Vacancies in Councillor or Observer positions shall be filled by election to be held within 120 days of said vacancy.

SECTION 2. Technical Divisions

Technical Divisions may be established, provided that the members interested perfect an organization and make application to the Executive Committee. The Executive Committee shall submit the application with its recommendations to a vote at an annual meeting of the House of Delegates, an affirmative vote of two-thirds (2/3) of the Delegates present and voting being necessary for the establishment of such a Division. In like manner, the Association may dissolve a Division by an affirmative vote of two-thirds (2/3) of the Delegates present and voting at an annual meeting of the House of Delegates. A Technical Division may have its own officers, and it may have its own Constitution and Bylaws provided that, in the opinion of the Executive Committee, these do not conflict with the Constitution and Bylaws of the Association. The Executive Committee shall be empowered to make arrangements with the officers of the Division for the conduct of the business of the Division. Technical Divisions may affiliate with other scientific societies, with the approval of the Executive Committee.

ARTICLE VII. AFFILIATED SOCIETIES AND ASSOCIATED SOCIETIES

SECTION 1. Affiliated Societies

This Association may affiliate with duly organized groups or societies which serve the needs of members of the Association in geographically defined areas and which by objects, aims, constitutions, bylaws, or practice are functioning in harmony with the objects and aims of the Association, subject, however, to the recommendations of the Executive Committee and to the affirmative vote of the House of Delegates. Affiliated Societies within the United States

(referred to in these Bylaws as "United States Affiliated Societies") and International Regions shall be eligible to elect Delegates to the House of Delegates of the Association.

SECTION 2. Associated Societies

This Association may associate with duly organized groups or societies which serve the needs of members of the Association in topically and/or geographically defined areas and which by objects, aims, constitutions, bylaws, or practice are functioning in harmony with the objects and aims of the Association, subject, however, to the recommendations of the Executive Committee and to the affirmative vote of the House of Delegates. Associated Societies shall not be eligible to elect Delegates to the House of Delegates of the Association.

ARTICLE VIII. COMMITTEES

SECTION 1. Standing Committees

Except as provided in Article XI of these Bylaws, the Executive Committee of this Association, acting on Advisory Council recommendations, shall have the authority to establish, maintain, and dissolve standing committees of the Association. In like manner, the charge to each standing committee may be modified. 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. In addition, the Executive Committee may appoint a committee manager for a standing committee who shall liaise between the committee and the Executive Committee. A committee manager for a standing committee may, but need not, be a member of such committee. The Executive Committee shall report to the House of Delegates at its annual meeting as to the establishment or dissolution of any standing committees since the last meeting of the House of Delegates.

SECTION 2. Appointments and Tenure

Except as provided in Article XI of these Bylaws, 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 Executive Committee shall determine the number of members of each standing committee. The Executive Committee may remove any committee chair, co-chair, vice chair, or other member or committee manager with or without cause. The term of office of a member of a standing committee, unless otherwise provided in these Bylaws, shall be three (3) years beginning July 1. Appointments of chairs, co-chairs, vice-chairs, and committee managers shall be for one (1) year beginning July 1. Members of standing committees (other than chairs, co-chairs, and vice chairs) shall serve in rotating terms. One-third (1/3) of the members of each standing committee (other than the chairs, co-chairs, and vice chairs), unless otherwise provided, shall be appointed each year. No chair, cochair, vice chair, or committee manager of a standing committee may serve as such for more than three consecutive years and no co-chair shall have served as chair at any time during the preceding year. Each chair, co-chair, and vice chair of a committee shall be a member of such committee by virtue of his or her office. Committee members shall be Association members of any classification.

SECTION 3. Special Committees and Delegations

In addition to the standing committees, the President may appoint, annually, such special committees and delegations as the Executive Committee may authorize. Members of special committees shall be appointed for a term of one (1) year only and the President shall designate the chairs.

SECTION 4. Association Representatives to Non-Association Committees

An Association member of any classification appointed by the Association to represent the Association as a member of a committee, board, or organization which is not part of the Association shall, subject to the provisions of the last sentence of this section, serve as such on such committee, board, or organization for not more than one (1) term, but in no event for more than five (5) years. The five (5) year limit in the preceding sentence on service during a term may be extended for not more than two extensions of one (1) year each if each extension is approved by the unanimous vote of all of the members of the Executive Committee. 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 IX. 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.

ARTICLE X. CERTIFICATION

This Association may establish a technical division to conduct a program of voluntary certification of members in such professional categories as approved from time to time by the Executive Committee of the Association. Each professional category of certification will be sponsored by a technical division which need not be the technical division conducting the certification program. Upon certification a member would be designated as certified in the pertinent professional category by such title as approved by the Executive Committee of the Association. Implementing procedures, including the issuance of appropriate certificates, shall be adopted by the technical division conducting the certification program.

ARTICLE XI. GRIEVANCE PROCEEDINGS

SECTION 1. Adoption and Publication of Implementing Procedures

The Executive Committee shall, in accordance with and subject to the provisions of these Bylaws, adopt procedures governing the investigation, hearing, and disposition of charges of misconduct in violation of Article IV of the Constitution, in accordance with the provisions of this Article XI, and shall publish such procedures in the Bulletin or by other suitable means.

SECTION 2. Investigation Procedure

Charges of misconduct in violation of Article IV of the Constitution shall first be submitted in writing to the Executive Director at Association headquarters with a statement of the evidence on which the charges are based. The Executive Director shall submit the charges to the Ethics Committee of the Association which shall be a standing committee and which shall consist of five (5) members of the technical division of the Association charged with conducting the program or programs of certification of members in professional categories and who shall be appointed by the Executive Committee of the Association for staggered three (3) year terms as members of the Ethics Committee. The provisions of Article VIII of these Bylaws shall not apply to the Ethics Committee. The Ethics Committee shall be charged with the investigation and prosecution of such charges, and may conduct such investigation as the Ethics Committee deems necessary to reasonably and thoroughly investigate the charges. If in the judgment of the Ethics Committee and after consultation with AAPG legal counsel, the evidence supports further action by the Association on the charges, the committee shall prepare and file with the Advisory Council at Association headquarters formal charges against the accused member. Upon such filing the Chair of the Advisory Council shall appoint a Hearing Body from the Advisory Council members, in accordance with Section 3 of this Article XI, and the Ethics Committee shall appoint one of its members as the prosecutor. Notwithstanding anything to the contrary contained in these Bylaws and except for proceedings pursuant to the provisions of Section 8 of this Article, disposition of the charges on any terms or conditions agreed to by all of the Ethics Committee, the Chair of the Advisory Council, and the accused member, and approved by the Executive Committee of the Association (regardless of whether such terms or conditions are listed in phrases (a), (b), (c), or (d) of Section 4 of this Article XI) may be made at any time prior to the conclusion of the proceedings provided for in this Article XI and upon such disposition all proceedings under this Article XI concerning the charges of misconduct against the accused member shall cease. The existence of allegations against any member, and the basis and content thereof, is confidential.

SECTION 3. Hearing Procedure

The Hearing Body shall consist of five (5) members of the Advisory Council, including at least one (1) past president of the Association, all of whom shall be appointed by the Chair of the Advisory Council. Each of the prosecutor and the accused member may challenge and have removed not more than two (2) members of the Hearing Body and 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 and the accused member shall be given notice in writing of the time, date, and place of the hearing, mailed to the member by registered mail to the member's last-known mailing address not less than thirty (30) days prior to such date, accompanied by a copy of the formal charges and a copy of this Article. 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 at all stages of the proceedings in which it is involved. At the accused member's option, the accused member may, by registered letter addressed to the Chair of the Advisory Council at Association headquarters, postmarked not less than ten (10) days prior to the date of the hearing, 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.

SECTION 4. Decision of Hearing Body

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. If, by not less than a four-fifths (4/5) vote of all of the members of the Hearing Body, the Hearing Body shall declare sustained the charges against the accused member, then 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.

Failure of the accused member to appear, or to submit a waiver letter and a written defense, as provided in this section, shall not prevent the Hearing Body from rendering final judgement. 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.

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 unless 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 thenceforth be ineligible for reinstatement to membership unless by unanimous vote of all members of the Executive Committee of the Association.

SECTION 8. Alternative Procedure

Any member (a) who pleads guilty to a misdemeanor involving moral turpitude or to any felony, (b) who admits to the violation of any governmental statute, regulation, rule, or code of ethics relating to the practice of geology, or (c) who the Executive Committee determines falsely stated qualifications for membership in an application for Association membership may be expelled from membership in the Association upon a majority vote of all members of the Executive Committee of the Association.

Any member who does not plead guilty to but is convicted of a misdemeanor involving moral turpitude or of any felony or who is found by a governmental body to have violated any governmental statute, regulation, rule, or code of ethics relating to the practice of geology 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 in the Association upon a majority vote of all members of the Executive Committee of the Association. 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.

In the event that (a) expulsion of a member so pleading guilty or so admitting violation is proposed, (b) expulsion of a member for so falsely stating qualifications is proposed, or (c) suspension or expulsion of a member so convicted or so found is proposed, a date shall be set for a hearing thereon and for consideration by the Executive Committee of such proposed suspension or expulsion. The member shall be given notice in writing of the date and place for the hearing, mailed to the member by registered mail to the member's last-known mailing address not less than thirty (30) days before said date, accompanied by, as applicable, 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 for membership, and a copy of this section. At the hearing the member may appear before the Executive Committee with legal counsel, may submit oral or written statements to the Executive Committee, may present written evidence to the Executive Committee, and may present witnesses to testify on the member's behalf before the Executive Committee. 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 the Executive Committee to consider the matter on the basis of a written statement by the member accompanying such a letter without the personal appearance of the member before the Executive Committee. The Executive Committee, if such oral or written statements, written evidence, or testimony of witnesses are presented, shall consider said statements, evidence, and testimony prior to voting on the suspension or expulsion of the member.

A member expelled from the Association under the procedure stated above shall be ineligible for reinstatement to membership unless reinstated by a unanimous vote of all members of the Executive Committee of the Association.

SECTION 9. Authority

Subject to the provisions of these Bylaws, the Executive Committee shall have primary authority over matters of professional conduct and discipline. 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, except as expressly permitted by these Bylaws. Procedures adopted by

the Executive Committee as authorized by Section 1 of this Article XI shall be in accordance with, and subject to, the provisions of these Bylaws.

SECTION 10. Definition

The term "member" as used in this Article XI shall refer to a member of the Association of any classification.

SECTION 11. 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.

ARTICLE XII. MEETINGS

The Association shall hold at least one (1) stated meeting of its members each year, at a time and place designated by the Executive Committee.

ARTICLE XIII. DUES

SECTION 1. Fiscal Year

The fiscal year of the Association shall begin on July 1 and end on June 30 of the following calendar year.

SECTION 2. Dues Benefit

The payment of annual dues for any fiscal year entitles the Member (including a Member designated as an Emeritus Member), Student, or Associate to receive without further charge a copy of the *Bulletin* and the *Explorer* of the Association for that year.

SECTION 3. Dues Schedule and Billing

The annual dues of members shall be payable in advance of the fiscal year in accordance with a schedule to be established annually by the Executive Committee, provided that the dues shall not exceed the sums set forth below:

Member—Up to \$125

Member designated an Emeritus Member—Up to \$62.50

Member designated an Honorary Member—None

Student—Up to \$10

Associate—Up to \$125

The above schedule shall be subject to the following provisos:

(a) That dues are not refundable;

(b) That members having previously obtained exemption under the former Life Member category shall not be required to pay dues;

(c) Students will be reclassified as Associates twenty-four (24) months after termination of academic enrollment.

(d) There shall be three levels of annual dues for Members and Associates which shall be based on gross annual personal income in United States dollars. The levels are: 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, however, that in no

event shall annual dues based on any level of annual income be less than \$20.00. A Member or an Associate whose annual income is in Level 2 or Level 3 may, at his or her option, 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.

(e) Except as required to initiate the various dues levels as set out in subsection (d) above, that the annual change in dues for Members and Associates cannot exceed twenty percent (20%), and that this annual change is noncumulative; and

(f) That a penalty to be established annually by the Executive Committee will be levied for each quarter year of delinquency beginning on July 1.

A statement shall be mailed to each Member, (including each Member designated as an Emeritus Member or an Honorary Member) Student, and Associate before July 1 of each year, stating the amount of annual dues.

SECTION 4. Arrears and Suspension

Any member of whatever classification whose dues are in arrears for more than sixty (60) days and for less than one (1) year shall be suspended from membership in the Association and shall not be entitled to the privileges of membership.

SECTION 5. Forfeit of Membership

Any member of whatever classification who is more than one (1) year in arrears in payment of dues shall forfeit membership in the Association and the member's name shall be removed from membership rolls.

ARTICLE XIV. AMENDMENTS

SECTION 1. Proposal of Amendments

Amendments to these Bylaws may be proposed by the following means:

(a) Resolution by the Executive Committee;

(b) Resolution of the House of Delegates;

(c) Written proposal signed by fifty (50) members of the Association.

(d) Resolution by a majority vote of the Officers of the House of Delegates and the Chair of the Constitution and Bylaws Committee of the House of Delegates.

SECTION 2. Amending Procedure

(a) Upon receipt of such proposals, they shall be referred to the Chair of the House of Delegates, who shall then forward them to (a) the Executive Committee and (b) to the Constitution and Bylaws Committee of the House of Delegates for review and a report to be presented to the members of the House of Delegates, in accordance with its Rules & Procedures.

(b) Amendments proposed by resolution of the Executive Committee, by resolution of a majority vote of the Officers of the House of Delegates and the Chair of the Constitution and Bylaws Committee of the House of Delegates, or by fifty (50) members of the Association shall within thirty (30) days of their receipt by the Chair of the House of Delegates be distributed to the Executive Committee, the members of the House of Delegates, the Constitution and Bylaws committee of the House of Delegates, the Advisory Council, and any committee or member(s) of the Association designated by the Executive Committee to receive them.

(c) Each of the bodies and members receiving proposed

amendments pursuant to Section 2, paragraph (a) above, may submit comments to the Constitution and Bylaws committee of the House of Delegates not less than thirty (30) days prior to the annual meeting of the House of Delegates at which the proposed amendment is to be considered. The Chair of the House of Delegates shall cause all such comments to be sent with the proposed amendment to the members of the House of Delegates prior to such annual meeting.

(d) Each of the bodies and members to receive proposed amendments under Section 2, paragraph (b) above, may submit comments concerning amendments proposed by resolution of the House of Delegates to the Constitution and Bylaws committee of the House of Delegates not later than the next October 31st following the adoption of the resolution. The Chair of the House of Delegates shall cause all such

comments to be sent with the proposed amendment to the members of the House of Delegates as provided in its Rules and Procedures.

SECTION 3. Publication of Amendments

The Executive Committee shall cause proposed amendments to be published in the Bulletin or by other suitable means at least ninety (90) days prior to the annual meeting of the House of Delegates.

SECTION 4. Consideration of Amendments

Proposed amendments shall be considered at the annual meeting of the House of Delegates and shall be passed upon receipt of a two-thirds (2/3) affirmative vote of the Delegates present and voting.