

2005 ANNUAL REPORT

— For the Fiscal Year July 1, 2004 to June 30, 2005 —

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—explorers 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. Woodruff
W.E. Wrather
Harry F. Wright

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

Reports of the Officers, House of Delegates, and Foundation

President

I was fortunate to be president of AAPG during a period of substantial increases in prices for oil and gas. I was also lucky to have an Executive Committee (EC) with breadth and depth of experience and substantial collective wisdom. These two major ingredients made progress on a challenging agenda possible.

The Association as a whole has many assets the EC drew upon repeatedly; specifically, diverse membership; large size (produced economies of scale); long, well-regarded history and attendant reputation; well-managed staff; supportive Foundation; and an army of volunteers.

At the start of my term, I wrote in the July 2004 *Explorer* that this EC "will leave no stone unturned seeking positive new opportunities and expanding the Association's ongoing good business/service lines." I also indicated that working with staff, "the EC will trim or eliminate those activities and programs that have diminishing or poor value..."

In developing initiatives to fulfill these commitments the EC drew heavily on its extensive, collective AAPG experience. We also took into consideration elements of the evolving Strategic Plan. Perhaps the most quantitative data of use to us was "Exploring Member Attitudes," the all-member questionnaire survey done in early 2003.

AAPG has an inherent weakness. Generally, members are not as knowledgeable of AAPG and of each other as compared to their local affiliated societies and their members. To ameliorate this, I instituted several improved communications:

- To make the staff and visitors better acquainted with the member leadership I added all EC members' pictures to mine in the headquarters lobby.
- To make future leaders more aware of AAPG, at Vice President Neil Hurley's suggestion (and other members' encouragement), I invited four considerably younger members to the Leadership Conference in February 2005.
- To improve continuity I involved the president-elect in many activities, especially those events scheduled for his presidency; e.g., the Paris International Conference and Exhibition, GEO, the International Petroleum Technology Conference, the

2006 Leadership Conference, and the Houston annual meeting.

- To make nominees for president-elect better educated in the business of AAPG and to build continuity and institutional memory I invited them

to EC meetings as had Past President Ray Thomasson (they were excused when we were transacting sensitive business).

- To cause greater awareness among the EC and other leaders I scheduled

Statement of Income and Expenses

	General Fund FY 2003-04	General Fund FY 2004-05	Budget FY 2004-05
Operating Income			
Dues	\$1,756,573.00	\$1,757,836.00	\$1,811,183.00
BULLETIN Subscription	\$315,721.00	\$294,801.00	\$285,000.00
Advertising Income	\$1,142,062.00	\$1,200,783.00	\$1,235,600.00
Sales of Publications	\$732,963.00	\$891,347.00	\$878,000.00
Interest and Dividends	\$202,267.00	\$478,316.00	\$250,000.00
Service Fees	\$1,928,810.00	\$1,993,276.00	\$2,098,079.00
Conferences and Meetings	\$4,563,463.00	\$4,805,681.00	\$4,397,250.00
Page Contributions	\$19,100.00	\$29,676.00	\$18,000.00
Gain (Loss) on Datapages	\$(116,590.00)	\$4,937.00	\$12,118.00
Gain (Loss) on International Pavilion		\$(359)	
Grant Income	\$588,288.00	\$390,873.00	\$560,000.00
Miscellaneous	\$191,244.00	\$228,275.00	\$179,400.00
TOTAL OPERATING INCOME:	\$11,323,901.00	\$12,075,442.00	\$11,724,630.00
Operating Expenses			
Salaries	\$2,672,028.00	\$2,614,658.00	\$2,692,286.00
Employee Benefits	\$1,298,743.00	\$1,054,964.00	\$1,146,157.00
Publishing Cost of BULLETIN	\$289,041.00	\$232,577.00	\$328,544.00
Publishing Cost of EXPLORER	\$197,074.00	\$211,437.00	\$211,788.00
Cost of Special Publications Sold	\$325,303.00	\$325,273.00	\$312,000.00
General Office Expense	\$634,932.00	\$692,691.00	\$716,177.00
Postage and Shipping	\$624,122.00	\$639,138.00	\$730,957.00
Building Expense	\$302,296.00	\$318,052.00	\$295,509.00
Professional Fees	\$1,316,741.00	\$1,740,206.00	\$1,280,525.00
Staff Travel	\$135,025.00	\$132,467.00	\$177,825.00
Professional Travel	\$426,394.00	\$431,845.00	\$450,500.00
Conferences and Meetings	\$3,050,265.00	\$2,454,330.00	\$2,504,645.00
Depreciation	\$208,323.00	\$252,063.00	\$325,655.00
AGI Dues	\$60,627.00	\$63,758.00	\$67,522.00
Meeting Presence/Display	\$49,097.00	\$44,053.00	\$57,500.00
Miscellaneous Grants and Awards	\$284,141.00	\$296,252.00	\$314,750.00
Miscellaneous	\$349,128.00	\$338,018.00	\$355,445.00
TOTAL OPERATING EXPENSES:	\$12,223,280.00	\$11,871,782.00	\$11,967,785.00
Income (loss) from Operations	\$(899,379.00)	\$203,660.00	\$(243,155.00)
BALANCE SHEET SUMMARY			
Assets	\$16,251,577.00	\$18,758,789.00	
Liabilities	\$4,116,122.00	\$6,416,245.00	
Fund Balance	\$12,135,455.00	\$12,342,544.00	
TOTAL LIABILITIES & FUND BALANCE	\$16,251,577.00	\$18,758,789.00	

EC meetings at four section meetings, APPEX-Houston (now summer NAPE) and our international conference in Cancun in addition to the required one in conjunction with our annual convention in Calgary and the traditional ones at the winter Leadership Conference and on June 30 and July 1 (10 face-to-face meetings plus several teleconferences).

- To better acquaint members with officer candidates the EC approved increased travel reimbursements so candidates could more easily attend approved AAPG venues. This underscored the expanded policy (now in its third year) of encouraging all officer candidates to speak at four section meetings and the international conference. (Even with AAPG reimbursement, candidates and/or their companies pay 60–70% of campaign costs.)
- To give general membership more opportunities to learn about AAPG, at Treasurer Clint Moore's suggestion, the EC conducted the first Town Hall Meeting in Houston in May 2005.
- To bring more cohesion and better communication to our major student-related activities the ad hoc Student Focus Committee was established. Chair Denise Cox led that effort, and at the Leadership Conference was assisted by related committee leaders in presenting an action plan interfacing with student affairs staff coordinator Mike Mlynek. We hope to get more synergy with better communication from this!

Major recent initiatives include the following:

- The Tactical Operations Committee (upgraded from ad hoc to standing at the April 9 EC meeting), chaired by President-Elect Pete Rose, completed the review of the Global Development to directorate (aka Convention Department) with recommendations and instructions in the report adopted by the EC on January 15. The committee is anticipated to rotate through all directorates over the next two years and continue on a cycle afterward. This activity is a direct outgrowth of individual members suggesting a management (in addition to the usual financial) audit. Thanks to a well-composed committee and fine leadership we avoided costly outside management evaluations.
- We accelerated and slightly modified the ad hoc Future of the Bulletin Committee's scheduled changes in distribution of our treasured scientific publication. Effective July 1, the default version of receiving the *Bulletin* became

digital, but Active and Associate members may receive hard copy by simple election on their dues statement or by contacting headquarters. I am proud that your elected leaders chose not to go "cold turkey" on this changeover. Nevertheless, the potential enhancement of the *Bulletin* in digital format is an exciting promise of things to come. We will be saving substantial mailing costs by this action. Many thanks to Past President Steve Sonnenberg's leadership and last year's chair, John Lorenz.

- Surprise! We're one year ahead of schedule! We established a Washington, D.C., office, to be known as our Geoscience and Energy Office (GEO-DC, not to be confused with the Middle East Conference and Exhibition known as GEO). Member surveys strongly endorse increased activity in governmental affairs. Of the 17 AAPG services surveyed in 2003, it not only ranked fifth, but also had received the least investment of time and money by the Association. AAPG is joining other scientific and professional societies with Washington offices. Our connection with the American Geological Institute (AGI) will allow a lot of synergy, even though AGI has to confine its activities to a narrow policy path. GEO-DC will have a scientific/professional education style, and not try to compete with the trade associations that are influence-oriented. The leadership of the Division of Professional Affairs elected to join in supporting this effort and will play a major role in the office functioning.

Regarding invitations, all speaking engagements were filled. I was pleased to address numerous AAPG functions and deliver technical talks to five affiliated societies. Various talks were given to students in Mexico, Scotland and at Student Expos in Houston and Norman, Oklahoma. Conflicts prevented several appearances by me, so I was very appreciative of Vice President Neil Hurley's willingness to more than fill in. Neil gave the inaugural address at Association of Petroleum Geologists-India's conference in Khajuraho and was an honored guest and speaker at the conference of the Nigerian Association of Petroleum Explorationists in Abuja.

The Offshore Technology Conference (OTC) received some long overdue support and recognition. Many thanks to OTC Committee chair Dan Orange, vice chair Craig Shipp, and the committee itself for their work. Susan Cunningham has been our effective OTC representative, and special recognition is due Claudia Ludwig for her longtime work in the trenches. We

plan to invest more time and energy in OTC to expand the geoscience side of the technical sessions. This is another example of sister society cooperation, especially appreciated because of the substantial cash flow received!

Overhead allocation has been an issue with members involved with AAPG-assisted meetings and other expense areas for some time. Allocation followed a standard broad estimate approach and begged for accuracy. Thanks to Pete Rose and Clint Moore, working closely with business director David Lange and his staff, this problem has been addressed. The new iMIS/Great Plains accounting system allows the detail and has the speed to timely generate allocated overhead on most budget line items. This is a critical improvement in preparing budgets, bids, projections, etc.

Converting the very successful ad hoc International Pavilion Committee to a wholly owned corporate subsidiary of AAPG allows the Association to more effectively market this service in other venues. The staff led the way on this, and members make up a majority of the board of directors.

The Certified Reserve Evaluators program is a joint committee of the Society of Petroleum Evaluation Engineers (SPEE) and AAPG's Division of Professional Affairs. Started in April 2004 during Past President Steve Sonnenberg's term, it is managed by Dan Tearpock (AAPG/DPA), Richard Miller (SPEE) and Ron Harrell (SPEE). The thrust of the committee is to address the issue of possible reform in how the petroleum industry estimates and reports reserves. This is a DPA focus, but all of the Association is directly or indirectly impacted. Accordingly, the EC is supporting the ongoing committee efforts—an example from a long list of cooperative ventures with our sister societies.

Finally, thanks to members for the honor of being president. Although an honor, the office is more than that. It involves many responsibilities and obligations, the effective discharge of which is important to the Association. Accordingly, it is a position of trust, supported by six other members of the EC. I thank these folks as a group for their candor, judgment, good will, and commitment to the Association.

In addition to Neil Hurley's help cited above, he brought an academic but practical view. Treasurer Clint Moore not only contributed as above but took on many high-energy tasks interfacing with staff. His understanding of financials was (and is) a real plus. Editor Ernie Mancini had (and has) his hands full with the

Bulletin and brought the ad hoc Reformat Committee to near completion. In addition, he quickly produced critical information and language for written testimony I submitted for the Association. Secretary Bob Countryman probably wrote more minutes than any other AAPG scribe. Valary Schulz had plenty on her plate as House of Delegates chair, but still managed to contribute substantially to other EC business. President-Elect Pete Rose was very heavily involved throughout the year. He never complained about my delegating so much work, and his reports and recommendations were timely and robust!

The staff has been very supportive of EC activities, even though loaded with so many EC initiatives. All directors were cooperative, and as president I found dealing with the staff a very positive experience. Special thanks to Executive Director Rick Fritz and Administrative Manager Regina Gill.

Committee members and leaders, representatives, section and region leaders, Foundation trustees, Advisory Council, House of Delegates, and division leaders make the EC manageable. Thanks to those folks for their contributions.

Again, special appreciation to all those who make our meetings successful. The Cancun International Conference and Exhibition was the most successful in recent years, and the Annual Convention in Calgary was "over the top!"

West Texas Intermediate (XOM postings) in July 2002 averaged \$26.17/bbl when I was named a candidate and averaged close to \$60/bbl at the end of my term as president. Many call this coincidence, but the result is that our members are experiencing a professional renaissance and the Association is much improved organizationally and financially.

It is a good time to be a member of the Geotribe, and it has been a good time to be the president of the Association, Mil Gracias!

Patrick J. F. Gratton, President

Treasurer

Copies of the complete financial statement for AAPG and the AAPG Foundation are available to any member upon written request to AAPG Headquarters, P.O. Box 979, Tulsa, Oklahoma 74101-0979.

Dwight "Clint" Moore

Editor

AAPG Bulletin

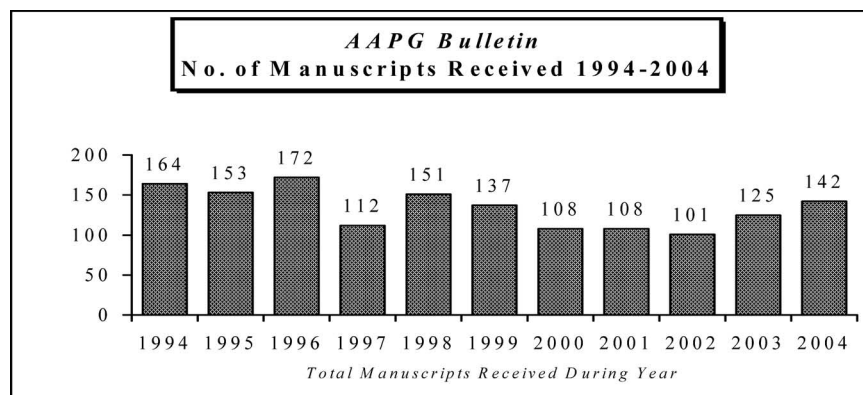
The number and quality of manuscripts submitted to the *Bulletin* continue to increase. In calendar year 2004, 142 manuscripts were submitted compared to 101 in 2002. Of the papers received in 2004, 58.4% were accepted for publication with revisions. The trend in the reduction of the number of days required to review and act on a manuscript continues, and this trend appears to be a significant contributing factor in the number of papers received for consideration of publication. In 2004, the number of days from the receipt of a manuscript until the author received a decision regarding the paper ranged from 83 to 200 days. The average number of days from submittal to decision rendered was 91 days. As of June 10, 2005, 100 manuscripts have been submitted. The number of days from receipt to decision has ranged from 32 to 107 days, with an average of 59 days. Revised manuscripts are published in four to five months after receipt. If an author submits the revised paper in 30 days, the manuscript has high potential to be in print within eight months from the date of original submission. This progress is attributed largely to the online submission and review process, to the commitment of a host of dedicated associate editors and reviewers, and to AAPG staff diligence.

In calendar year 2004, 77 papers were published, including a theme volume on continental margin geology and geohazards. Papers published were authored by geoscientists around the world and included 67 (87%) regional studies and 10 (13%) topical (non-geographical) studies.

Of the regional studies, 29 (43%) of the papers addressed subjects from areas in the United States (North America), 10 (15%) from the Asia/Pacific area, 10 (15%) from Africa, 9 (14%) from Europe, 5 (7%) from Latin America (South America) and 4 (6%) from Canada. These papers covered a broad array of topics of interest to petroleum geoscientists and emphasized reservoir characterization, sequence stratigraphy, sedimentology, structural geology/tectonics, seismic interpretation, basin analysis and modeling, and petroleum systems/hydrocarbon generation and migration.

Emphasis has been placed on publishing more contributions to the E&P Notes section of the *Bulletin*. In addition, general geologic papers that have a high potential to assist petroleum geologists with finding and producing more oil and gas were published as contributions to the Geologic Notes section, and papers addressing current technical methodologies that have potential application to reducing petroleum exploration risk, to enhancing hydrocarbon recovery and to reducing field operation and reservoir production costs were included in the Geohorizons section of the *Bulletin*.

The Executive Committee has acted in support of the recommendations of the ad hoc Future of the Bulletin Committee. The recommendations of the ad hoc committee were to save publishing and mailing costs related to the *Bulletin* by going to an online, electronic *Bulletin* with hard copy available at cost. By action of the Executive Committee, effective July 1, 2005, the default form of receiving the *Bulletin* will be digital, with Active and Associate members of the Association having the option to receive hard copy by election on their



dues statement or by contacting the AAPG headquarters office. This action will not only reduce costs associated with the *Bulletin* but will result in *Bulletin* enhancement, will provide for the ability to publish more quality papers each month and will continue the reduction in the number of days from the submittal of a manuscript to its publication.

AAPG Special Publications

Gretchen Gillis, chair, and members of the Publications Committee continued to streamline and reduce the review and approval process for special publication proposals. The AAPG staff has successfully accelerated the publication process. The results are that in 2004, 14 special publications were released, and, to date in 2005, 3 special publications have been published. Emphasis in 2004 focused on working with potential authors, with conveners of Hedberg Conferences and with technical session chairs at AAPG annual and international meetings for proposals for special publications.

2004 Publications (14)

- Memoir 42, 2004. Interpretation of Three-Dimensional Seismic Data (6th Edition). By Alistair R. Brown.
- Memoir 80, 2004. Integration of Outcrop and Modern Analogs in Reservoir Modeling. Edited by G. Michael Grammer, Paul M. "Mitch" Harris, and Gregor P. Eberli.
- Memoir 81, 2004. Seismic Imaging of Carbonate Reservoirs and Systems. Edited by G. P. Eberli, J. L. Masafferro, and J. L. "Rick" Sarg.
- Memoir 82, 2004. Thrust Tectonics and Hydrocarbon Systems. Edited by K. R. McClay.
- Memoir 83, 2004. Permo-Carboniferous Carbonate Platforms and Reefs. Edited by Wayne M. Ahr, Paul M. "Mitch" Harris, William A. Morgan, and Ian D. Somerville.
- Special Publication, 2004. Deep-Water Sandstones, Submarine Canyon to Basin Plain, Western California. By Donald R. Lowe.
- Studies 49, 2004. Seismic Expressions and Interpretation of Carbonate Sequences: The Maldives Platform, Equatorial Indian Ocean. By A. Belopolsky and A. Droxler.
- Studies 50, 2004. Regional to Wellbore Analog for Fluvial-Deltaic Reservoir Modeling: The Ferron Sandstone of Utah. Edited by Thomas C. Chidsey Jr., Roy D. Adams, and Thomas H. Morris.
- Studies 51, 2004. Sequence Stratigraphy, Paleoclimate, and

Tectonics of Coal-Bearing Strata. Edited by J. C. Pashin and R. A. Gastaldo.

- Studies 52, 2004. Jonah Field: Case Study of a Tight-Gas Fluvial Reservoir. Edited by J. W. Robinson and Keith W. Shanley.
- Studies 53, 2004. Seismic Interpretation of Contractional Fault-Related Folds. Edited by J. Shaw, C. Connors, and J. Suppe.
- Methods 4, 1984 (reprint 2004). SEM Petrology Atlas. By Joann E. Welton.
- Methods 7, 1990 (reprint 2004). Siliclastic Sequence Stratigraphy in Well Logs, Cores, and Outcrops: Concepts for High-Resolution Correlation of Time and Facies. By J. C. Van Wagoner et al.
- Methods 16, 2004. Basic Well Log Analysis. By G. Asquith and D. Krygowski with S. Henderson and N. Hurley.

2005 Publications to Date

- Studies 54, 2005. Energy: A Historical Perspective and 21st Century Forecast. By Amos Salvador.
- Hedberg Series #1, 2005. Deformation, Fluid Flow, and Reservoir Appraisal in Foreland Fold-and-Thrust Belts. Edited by H. Swennen, F. Roure, and J. Granath.
- Memoir 85, 2005. Faults, Fluid Flow, and Petroleum Traps. Edited by Rasoul Sorkhabi and Yoshihiro Tsuji.

Ernest A. Mancini, Editor

House of Delegates

The House of Delegates represents the membership of AAPG and has jurisdiction over and is the legislative function of the AAPG through a process of regional, geographic, and quasi-proportional representation. Delegates have multiple responsibilities, among which is the certification of applicants for membership. Delegates also are responsible for keeping their constituencies advised of AAPG's current policies and programs, and for attending the House of Delegates Annual Meeting.

During the 2004–2005 fiscal year, the officers of the House of Delegates, Chair Valary Schulz, Secretary/Editor Ron Grubbs, and Chair-Elect Don Clarke, hosted breakfast meetings at all of the sectional convention meetings: Columbus, Eastern Section; Denver, Rocky Mountain Section; San Antonio, GCAGS; Fredericksburg, Southwest Section; and San Jose, Pacific Section; as well as in Cancun for the international meeting. A mid-year meeting of House officers,

and all committee chairs was held in Dallas, January 22, 2005. The chair also represented the Delegates at the AAPG Leadership Days in Tulsa and at 17 Executive Committee meetings. The annual convention, held June 19 in Calgary, was the culmination of a year's activity for multiple house committees. A summary of the accomplishments follows:

- The Honors and Awards Committee chaired by Jeannie Mallick (Houston Geological Society) selected and recognized delegates to receive special awards for service to the House. The 2005 honorees were Daniel L. Smith, Honorary Member of the House; Sigrunn Johnsen, Distinguished Member of the House; Brian D. Keith, Distinguished Member of the House; William B. Harrison III, House Long Service Award; Edmund Stuart Hastings, House Long Service Award; and Marvin L. Smith, House Long Service Award. Additionally, the committee made recommendations, which were voted upon and approved by the House, to preserve names of individuals who are deserving of awards and yet ineligible at the moment. To standardize the nomination process, recommendation forms were created that will provide a consistent nomination framework for consideration by Honors and Awards Committee members. These forms will be posted on the Web site and made available to members.
- The Constitution and Bylaws Committee chaired by Paul Britt (Houston Geological Society) considered legislative actions to enhance the operations and functionality of the organization. After due consideration in committee, the following bylaws were proposed to the Delegates at the annual convention and approved by the requisite two-thirds majority vote:
 1. An amendment to Article I, Section 11, of the Bylaws to coordinate its provisions with existing Article XI, Section 7 of the Bylaws to allow reinstatement of members by unanimous vote of the Executive Committee.
 2. An amendment to Article II, Section 10, to provide "instant run-off" voting procedures in the event of more than two candidates for an Association office, and to require a majority vote for election.
 3. An amendment to Article II, Section 11, to change the methods of filling vacancies in the offices of secretary, treasurer,

or editor to allow the unsuccessful candidate to fill the vacancy, and in the event of a vacancy in the offices of president-elect or vice president to provide for a special election.

4. An amendment to Article IV, Section 8, to delete language no longer required due to prior amendments.
5. An amendment to Article V, Section 12, of the AAPG Bylaws to provide a method to appoint an alternate representative for an absent Advisory Council member from a region, section or division if the current member's predecessor is unwilling or unable to attend an Advisory Council meeting.

A proposed amendment to limit nomination of officers of Divisions from holding more than one Association position, and an amendment to prohibit nominating standing officers for election was defeated.

- The Rules and Procedures Committee led by Chair Jay Henthorne (Ohio Geological Society) proposed six changes to the Rules and Procedures of the House. The changes approved by the House at the annual convention follow:

1. A new Section B to Article I to codify the record date used to determine the number of delegates to which each Affiliated Society and International Region is entitled. The date was changed from October 31 to November 30.
2. A new Section C to Article I to require the chairman-elect of the House to prepare a budget for the house and to present this budget at the first Executive Committee meeting of each fiscal year.
3. An addition to Article III, Section A, subsection 1a to require the Nomination and Election Committee to submit a confidential report to the chairman-elect citing individuals considered for nomination but not selected. This will provide a mechanism to capture the names of those delegates who are prohibited by circumstances from standing, but who may in the future be qualified nominees.
4. An amendment to Article III, Section A, subsection 1g to change the date by which names of candidates for Honors and Awards are to be submitted from the committee to the chairman of the House, from September 30 to October 31.
5. An amendment to Article III, Section A, subsection 1g (7) to expand the prohibition of

nominating House officers for a House award to preclude any Association officers from being nominated for a House award.

6. An addition to Article III, Section A, subsection 1g (8) to require the Honors and Awards Committee to submit a confidential report to the chairman-elect citing individuals considered for an award but not selected. This will provide a mechanism to capture the names of those delegates who are prohibited by circumstances from receiving an award, but who may in the future be qualified.

- The Nomination and Election Committee chaired by Brian Keith (Indiana Kentucky Geological Society) presented the slate of House officer candidates. The nominees for chair-elect were Alan DeGood, Kansas Geological Society, and Larry Jones, Houston Geological Society. The nominees for secretary/editor were Jay Henthorne, Ohio Geological Society, and Bob Shoup, Houston Geological Society. Background information on each candidate was published in the *Delegates Voice*, and each of the candidates addressed the annual convention of the House where the delegates voted to elect Larry Jones (chair-elect) and Bob Shoup (secretary/editor) for the 2005–2006 term.
- Initially, the Credentials Committee cleared 169 delegates. In addition, six persons did not get their documentation in on time and requested to be seated in the House. The names and organizations that they represented were read aloud by the chairman. The chair of the House moved to seat the six individuals in the House. The motion was accepted. The Credentials chairman then reported that 175 delegates were seated in the House and there was a quorum. The total number of elected delegates to the House is 230. The total needed for a quorum was 116. After the report was made, the Credentials Committee cleared three additional delegates. One eligible delegate seated himself without checking in. The total number of delegates present at the 2005 Annual Convention, House of Delegates Meeting, was 179. This represented 78% of the total eligible delegates. Every section was represented and every region, except Latin America. There were 18 U.S. Affiliated Societies who had no representation.
- The ad hoc Advisory Council Representation Committee chaired by

Tim Rynott (Lafayette Geological Society) presented the final results of their extensive investigations over a two-year period. This seven-member committee researched the make up and voting record of the Advisory Council to determine if the sections and regions are equitably represented by the current composition of the Advisory Council, and whether the distribution of the sectional/regional representatives ought to be more proportional. The current composition, which was formulated in 1998 and thus has merely four years of voting history from which to draw conclusions, was determined to have no evidence of geographic bias or discrimination toward any section/region. The committee recommended that this situation be monitored for any evidence of bias in the future and that the voting record be evaluated every five to six years. This committee also recommended that the Constitution and Bylaws Committee of the House evaluate whether the past presidents on the Advisory Council should serve two years rather than the current three.

- An ad hoc Executive Session Committee chaired by John Hogg (Canada Region) was formed with diverse membership, which included current and past House candidates, Executive Committee officers, and Advisory Council members. This committee was created to consider the use of the Executive Session in Advisory Council meetings and to investigate possible solutions to reports of past abuse of members' rights under cloak of Executive Session. All committee members agreed that the privilege of Executive Session is not intended to allow for unsubstantiated or unsupportable negative remarks, and that the protection of members' rights during executive session should be rigorously protected. The unanimous resolution from this committee was presented to the Annual Convention of Delegates, and an informal expression of interest by the Delegates supported the following proposal for the Advisory Council guidelines:
 - Advisory Council Executive Sessions shall include an external parliamentarian, either one used by the House of Delegates or one from any other state where the Advisory Council is meeting, at both the Nominations and Honors and Awards Committee meetings (not to exceed a maximum cost of ~\$2000

per year). The responsibility of the parliamentarian shall be to ensure that the AAPG Code of Ethics, Constitution and Bylaws of the organization are upheld during discussions concerning the qualifications of potential officer nominees and honorees. If, in the opinion of the external parliamentarian, any comments or remarks are not appropriate, then the parliamentarian will interrupt and stop the speaker's remarks and admonish the speaker for breach of the Code of Ethics, the Constitution or Bylaws of AAPG.

- Secretary/Editor Ron Grubbs (Dallas Geological Society) published three editions of the *Delegates Voice*: January, March, and June. Two of these were print editions, mailed to all delegates, and one was a digital release, posted on the Web site. These records are all available on the House Web site at http://www.aapg.org/business/hod/dv_index.cfm. Minutes of the 2004 annual convention were approved by outgoing Secretary/Editor Steve Goolsby and his committee. Minutes of the 2005 annual convention have not yet been prepared and reviewed.
- Along with considerable help from AAPG staffer, Janet Brister, the House Web site was enhanced to serve as a current resource as well as a record of history for the House. New postings this year include listings of past officers and past awardees of the House and links to the Code of Ethics, the

Constitution and Bylaws, and the Rules and Procedures.

It has been my great honor and privilege to serve the House of Delegates for the past year. Thank you for your confidence and for the opportunity to contribute to our great Association with so many fine colleagues.

Valary L. Schulz, Chair

Foundation

The major objectives of the Foundation are to provide funding for programs to encourage better understanding and advancement of the geosciences, and for projects that support the education, training, and career enhancement for earth scientists.

As a result of a favorable stock market, the investment portfolio of the Foundation increased by \$1,287,558 to \$18,869,006 during the past fiscal year. Including fixed assets, primarily the AAPG Headquarters buildings, the total assets of the Foundation were \$22,986,488.

For the fiscal year, the Foundation had total gross revenues of \$2,795,944. Total expenditures of \$1,683,132 resulted in a positive cash flow of \$65,666. Considering net realized and unrealized capital gains of a positive \$1,064,297 resulted in a net gain for the year of \$1,112,812.

Total contributions to the Foundation in 2004–2005 were \$627,300. Sixteen

percent of the AAPG members contributed to the Foundation through their AAPG dues statements.

Total disbursements for grants and program services were \$835,413 compared to \$908,403 in the prior year.

Major programs during the past year included the following: Distinguished Lecture and Visiting Geologists programs, \$196,445; *AAPG Bulletin*, \$159,996; Grants-in-Aid, \$150,822; and the L. Austin Weeks Undergraduate Grant program, \$29,535.

The Grants-in-Aid program continues to grow with 50 fully funded grants and 5 additional grants established but not yet fully funded. Biographies of those honored or memorialized through the grants are included on the AAPG Foundation Web site.

Fred Dix was the seventh recipient of the AAPG Foundation Chairman's Award for long-time outstanding support of the Foundation. The award was presented posthumously, his wife, Jean Dix, accepting the award at the Trustee Associates meeting in Branson, Missouri.

Foundation Trustee Associate membership totaled 269 at year's end. The Foundation appreciates the very active support of the Trustee Associates. Their support has been and continues to be, an important factor in the growth of the Foundation.

Jack C. Threet, Chair

Reports of the Divisions

Division of Professional Affairs

As your president for 2005–2006, it is with great pleasure that I inform you that the DPA is strong and doing quite well. The DPA started the year with more than \$600,000 in the bank and a budget with expenses of \$139,012 and income of \$146,229. At this writing we are on course to have a fiscal year surplus of approximately \$7217.

The DPA has continued its efforts to acquire the Association of State Boards of Geology (ASBOG) test to enable us to assist our members. The DPA hopes to offer a level of certification that would help members gain certification in states where certification is required to work.

This plan was dealt a setback in March when ASBOG informed us they would not allow the DPA to use the test. A dialogue is ongoing with ASBOG, and it is our hope that they will reconsider.

The Executive Committee approached the DPA at the beginning of this year with a proposal to fund a governmental affairs office in Washington D.C. (GEODC). A formal proposal was presented to the DPA Council at the mid-year meeting in November. Following a presentation given by President Pat Gratton and President-Elect Pete Rose, several questions arose regarding the proposal. After discussion, the DPA Council recommended that the AAPG Executive Committee prepare a detailed business plan for the proposed

office. A Select Committee composed of Charlie Mankin, Bill Fisher, Alan Frizzell, Bill Harrison, John Armentrout, Deborah Sacrey, and I was formed to review the business plan and make a formal recommendation to the DPA Council. On March 21, 2005 the Executive Committee's detailed business plan was forwarded to the Select Committee. After review, the committee felt several areas were lacking in specifics and needed more consideration. At this point an e-mail was sent on April 7 to President Pat Gratton stating the Select Committee's concerns and that the committee had unanimously rejected the idea of the DPA helping fund the office. Subsequently, President Gratton set up a committee to address the concerns of

the DPA. On May 24, 2005, the Select Committee received the revised plan. At the DPA business meeting held in conjunction with the AAPG Annual Convention in Calgary, this issue was brought before the full Council. After discussion on the proposal, two votes were taken. The first vote polled the Council on whether the DPA was in favor of opening an office in Washington D.C. Following an affirmative vote, a subsequent vote was taken to determine the amount of funding to be allocated for this office. The Council felt that, for this endeavor to succeed, the DPA must have a very active role in its implementation. The final vote approved funding of \$50,000 per year for three years. This placed the DPA in the position to name 50% of the management team to oversee this venture.

Two initiatives regarding reserve evaluations and reserve estimation were, in the case of the first initiative, wrapped up, and in the case of the latter, an exploratory committee was formed. The Canadian Stock Administrators (CSA), who represents all of the stock exchanges in Canada, approved the AAPG membership to be qualified under Canadian Instrument 51-101 (CI 51-101) in July 2004. This instrument, in part, specifies the qualifications of persons who are employed in the estimation of oil and gas reserves in Canada (reserve evaluators). Reserve evaluators' activities also include production forecasts, determination of revenue, accounting of capital and operating costs (including royalties and income taxes), calculation of cash flow, and the determination of profitability indices.

The second initiative started in April 2004. Members of the AAPG, along with members of the SPEE (Society of Petroleum Evaluation Engineers) and the SPE (Society of Petroleum Engineers), met in Dallas to discuss the concerns of our industry regarding reserve write-downs, the lack of standards in the industry with regard to definitions, recommended practices, and training for reserves estimating and reporting. At this meeting, it was recommended that an Intersociety Exploration Committee be formed to evaluate the problems and the possibility of establishing a certification program for petroleum reserves evaluators (geoscientists and engineers). Co-team managers are Richard Miller representing the SPEE, Dan Tearpock representing the DPA, and Ron Harrell, a member of both the SPE and the SPEE. On September 29, 2004, the Intersociety Exploration Committee, with its various subcommittees comprised of more than 40 volunteers

from 7 societies, was officially formed. The seven societies involved are AAPG, SPEE, SPE, SEG (Society of Exploration Geophysicists), SIPES (Society of Independent Professional Earth Scientists), WPC (World Petroleum Council) and SPWLA (Society of Petrophysicists and Well Log Analysts). Over the next several months, the committee will continue its work in five specific areas: (1) qualifications, (2) recommended practices, (3) reserves definitions, (4) certification, and (5) ethics. In the next report, the committee will bring forth recommendations for a certification program. The committee will provide a business plan and a budget to present to the sponsoring societies for review. At this point, the societies involved will consider feasibility and effect on membership. This is an exploratory committee at this point. Before action is taken within the DPA, we will send our recommendations to the other committees within the AAPG for feedback. Most notable of the committees would be the Corporate Liaison Committee.

Membership concerns again took high priority for the officers of the Division. The DPA saw a decrease in membership again this year. It is encumbered on each member to recruit new members for the Division. Without new members, we are similar to an oil company that never drills a well; we have no new production and we see the strength of our company decline year by year as our reserves are depleted. Membership Chair Craig Reynolds is working to find a solution to this problem.

The Governmental Affairs Committee was realigned this year with Charlie Mankin heading the committee. We had three subcommittees: the Public Outreach Committee, the Internet Resource Committee, and the Position Papers Committee. Jim Drahovzal is chairman of the Public Outreach Committee and attended the 2004 National Conference of State Legislatures in Salt Lake City in June 2004. The meeting was very productive and a great way for the DPA to interact with legislators. The purpose of the Internet Resource Committee, chaired by Eugene Kim, was to create a Web page for the AAPG Web site where members can find links to pertinent oil and gas information. This was achieved and the Web page is up and running. The Positions Papers Committee reviews and writes position papers for the Governmental Affairs Committee. Chaired by Naresh Kumar, this subcommittee is in the process of reviewing previous position statements to determine those that need to be updated.

The Continuing Education Committee, under the chairmanship of Jim Hill, is reviewing several short courses that could be offered in the future. With some states talking about requiring CEU credits in respect to ethics (Texas being one of them), this may be a good place for the DPA to find a niche.

Chairman Bob Shoup and the Awards Committee have recommended the following members to receive awards at the Calgary meeting: Life Member Award, Royce P. Carr; Distinguished Service Award, Lee Gerhard; DPA Heritage Award, Robert D. Gunn; and Certificates of Merit, Rick L. Erickson, James A. Drahovzal, Richard G. Green, and Daniel J. Tearpock. Bob Shoup also chaired the Nominating Committee, which presented a slate of officer candidates. Votes were counted on May 16 with the following results: Richard G. Green, Debra Rutan, and Craig W. Reynolds (two-year term).

Michael Fogarty, Publication chair, produced two *Correlators*—one mailed in the fall of 2004 and the other in the spring of 2005. At the mid-year meeting in Galveston, Texas, it was voted on and approved to start e-mailing the *Correlator* to those who prefer to receive the publication in that medium. The spring 2005 issue was the first *Correlator* to be sent by e-mail. For those who still prefer to receive the *Correlator* by mail, we will continue to mail them.

The AAPG has approached the DPA to take a more active role in the Ethics Distinguished Lecture Committee. This fits well into the DPA's focus area of ethics. The DPA Web site has posted the ethics talk by John Gibson. It is well worth your time to view it. In regard to ethics talks, Scott Tinker spoke on "The 'I' in Business Ethics" at the DPA luncheon in Calgary. Scott is the AAPG's Distinguished Lecturer on Ethics.

The DPA also has worked on its reciprocity with other groups. At present, we have reciprocity with SIPES and by the end of the summer we expect reciprocity with the Geological Society of London. The forms used by the DPA in the past are not specifically forms for reciprocity; however, this is being rectified and new forms should be in place by the end of the summer.

At the mid-year meeting, \$10,000 was authorized for the completion of an energy CD. Bob Shoup is spearheading this effort. A preliminary CD has been compiled, is in the final stages of editing, and will be ready for production soon. The DPA envisions that these CDs will be sent to politicians in an effort to help

educate them on energy issues. These data will be beneficial for the person manning the Washington D.C. office.

A final project is underway to update *Guiding Your Career as a Professional Geologist*, edited by Pete Rose. This book is out of print, and we no longer have copies. We plan to update the publication and have it produced digitally. We can then burn CDs for distribution to students and new members of the AAPG.

As president, I attended all of the sectional meetings and the international meeting. The Eastern Section meeting was held in Columbus, Ohio, in October. Dr. Bartlett was the speaker at the DPA luncheon there, and his talk was entitled *Arithmetic, Population and Energy*. Scott Tinker spoke at the DPA luncheon in San Antonio at the Gulf Coast Section meeting also in October. His topic was "Unconventional Gas and Global Energy: A Matter of Time." The Rocky Mountain Section meeting in Denver was held in October as well. The DPA arranged an ethics course for this meeting, but had to cancel it due to poor attendance.

In April, the Southwest Section held its convention in Fredericksburg, Texas. Peter Rose addressed the luncheon attendees with "Influence of Geology and Technology on Frontier History, Texas Hill Country." The Pacific Section meeting was held in San Jose, California in May. The speaker for the luncheon was George Taylor, state climatologist of Oregon, who presented an excellent talk entitled "A Climatologist Looks at a Long Term Perspective on Climate Trends."

This was a busy year and it took the efforts of many to make it succeed. I want to thank all of the people who worked on the DPA events over the last year. Your hard work and dedication made this year successful. Once again, I thank Norma Newby, who does a tremendous job for the DPA as manager of divisions. It has been a pleasure serving as your president.

Mike Party, President

Energy Minerals Division

Goal and Vision

In the vernacular of the AAPG Strategic Plan, the big audacious goal of the Energy Minerals Division (EMD) is to be the premier organization for professional development in all of our technical fields (coal, coalbed methane, energy economics and technology, gas hydrates, gas shales, geospatial information and remote sensing, geothermal, oil sands, oil shale,

and uranium). Our vision is to be the place scientists go to first for information and networking. The EMD provides the forum to either increase knowledge within one of the technical fields as a specialist or to branch out into a new technical field as a novice.

EMD provides benefits to all AAPG members through publications and sponsorship at professional meetings (e.g., oral and poster sessions, short courses, field trips, and luncheons), as discussed below. Basic information on each of the technical fields is provided in the public area of the EMD Web site (<http://emd.aapg.org/>). The EMD will continue to provide these important benefits to all AAPG members. However, the EMD has a vital interest in providing benefits to its members with the idea that "if you build it, they will come" and "happy members will stay."

Emphasis on Benefits to Members

A major emphasis this year has been to provide benefits to members. A new brochure was produced that emphasizes benefits to EMD members in four areas: certification, discounts, information, and networking. In conjunction with the Division of Professional Affairs, EMD offers peer-reviewed, professional certification for coal geologists. EMD members received discounts on an EMD-sponsored short course and field trip at the 2005 AAPG Annual Convention. The greatest benefit involves information as described below. Networking can be accomplished through involvement in committees, attendance at professional meetings and luncheons, and searching the EMD membership directory online for members with similar interests and geographic areas.

Members received two letters with the latest news, one in September and one in February. Timely news was distributed to members in four e-mails: October, December, April, and June. The primary means of distributing up-to-date detailed information is through the members-only area of the EMD Web site, which contains Division business, technical information, and a searchable membership directory. EMD committee chairmen and Councilors provided information for the public and members-only areas of the EMD Web site.

Division business topics in the members-only Web site include (1) a message to members from the EMD president, (2) abstracts for the EMD program at the 2005 AAPG Annual Convention, (3) EMD annual reports from the December issue of the *AAPG Bulletin* (2003 and 2004), (4) our current business plan (e.g., goals for the

next 10 years, immediate goals and tasks for the current fiscal year, and the budget), (5) the EMD Bylaws, (6) a list of Certified Coal Geologists, (7) EMD quarterly columns in the *Explorer* (1998 to 2005), (8) an historical list of EMD awardees, (9) leadership meeting reports (mid-year and annual meetings, 2003 to 2005), (10) EMD newsletters, (11) an historical list of EMD Executive Committees and Councilors, (12) a procedures manual, and (13) a list of EMD publications and AAPG publications of interest to EMD members.

Technical information in the members-only Web site is available by technical field under committees and regionally by AAPG section or region. Each technical field committee had a goal this year to provide articles, presentations, short course notes, field guidebooks, reference lists, Web links, committee reports, and a calendar. Many of these items were added this year. Meetings, activities, and technical fields information are available for each AAPG section or region.

EMD members may either view the membership directory by member last name or search the directory by multiple topics (technical fields interest, AAPG section or region, city, state or province, country, company, and availability for consulting).

Publications

Progress was made on the revised second edition of the *Atlas of Coal Geology* (AAPG Studies in Geology 45), co-sponsored with the Society for Organic Petrology. Alexander Papp is the EMD editor.

Work continued on development of a CD-ROM publication titled *Geospatial Technology Applications for Exploration and Production of Petroleum*. Samuel Limerick is the editor.

Planning continued on a joint EMD/Division of Environmental Geosciences (DEG) publication on CO₂ sequestration. Jack Pashin served as the EMD committee chairman.

EMD continued to co-sponsor the scientific quarterly journal *Natural Resources Research* with the International Association of Mathematical Geologists. Douglas Peters served on the editorial board as the EMD representative.

EMD publications were advertised in the October, December, and January issues of the *AAPG Explorer*. EMD columns highlighting member benefits, oil sands, gas shales, and the EMD program at the 2005 AAPG Annual Convention appeared in the August, November, February, and May issues of the *AAPG Explorer*.

Meetings

The EMD/AAPG shared an exhibit booth at the National Mining Association International Mining Expo in Las Vegas, September 27–30, 2004.

Timothy Collett and Arthur H. Johnson, EMD Gas Hydrates Committee co-chairs, convened the Hedberg Conference on "Gas Hydrates: Energy Resource Potential and Associated Geologic Hazards" in Vancouver, British Columbia, Canada, September 12–16, 2004. A special publication is being prepared with contributions from the conference.

Douglas Patchen, EMD Eastern Section Councilor, planned technical sessions on coalbed methane and CO₂ sequestration at the AAPG Eastern Section meeting in Columbus, Ohio, October 3–5, 2004. Ronald A. Nelson was the featured speaker at the joint EMD/DEG luncheon.

William Ambrose, EMD Gulf Coast Section Councilor, planned an EMD luncheon at the 54th annual GCAGS convention in San Antonio, October 12, 2004. Scott Tinker spoke on "Unconventional Gas, Global Energy and Time."

Creties Jenkins, EMD Southwest Section Councilor, planned an EMD-sponsored short course on "Reservoir Characterization and Production Technologies for Unconventional Reservoirs" taught by

Jeffrey Levine, Creties Jenkins, Kevin Fisher, and Trent Green at the AAPG Southwest Section meeting in Fredricksburg, Texas, April 10, 2005.

Rick Richardson, EMD 2005 vice chair, Technical Program chair, and Canadian Region Councilor, developed the EMD program at the 2005 AAPG Annual Convention in Calgary, Canada. The EMD sponsored or co-sponsored sessions on oil sands and heavy oil; natural gas from coal and shale; gas hydrates; advances and applications in non-seismic methods: remote sensing, GIS, GPS, and GPR; carbon management and acid gas sequestration; and environmental issues related to unconventional resources. A joint DEG-EMD awards luncheon featured a talk on "Marginal Carbon Fuels: The Key to Prosperity" by Jim Dinning. Andrew Beaton and Mike Dawson led a pre-meeting field trip on "Coalbed Methane Potential of the Horseshoe Canyon Formation in Southern Alberta". A post-meeting, two-day short course on "Application of an Integrated Coalbed Methane Exploration Model to Delineate Coalbed Methane Opportunities in Canada" was given by Andrew R. Scott, David Marchioni, and Barry Ryan.

Andrea Reynolds, EMD 2006 vice chair, developed a full EMD program for the 2006 AAPG Annual Convention in Houston. Stephen Testa, EMD 2007 vice

chair, began planning the EMD program for the 2007 AAPG Annual Convention in Long Beach, California.

Adebayo Akinpelu, EMD International Councilor, planned EMD technical sessions for the 2005 AAPG International Conference in Paris, France, and the 2006 AAPG International Conference in Perth, Australia.

Other Developments

We amended the EMD Bylaws to coincide with current EMD committee structure and practice.

We donated the EMD poster on "Unconventional Energy Resources of North America" to 71 AAPG U.S. student chapters and 122 U.S. government statesmen (e.g., U.S. Department of Energy, Energy Information Administration, U.S. Senators, U.S. Congressmen, U.S. Geological Survey and state geologists).

I greatly appreciate the cooperation that I received from the entire EMD leadership (Executive Committee, Councilors, and committee chairs). Their dedication and willingness to serve made this an enjoyable year.

Brian J. Cardott, President

Reports of the Sections

Gulf Coast Association of Geological Societies

Following are the highlights of GCAGS activities for the year.

The GCAGS Annual Convention is held in conjunction with the Gulf Coast Section of SEPM. The 54th annual convention was held in San Antonio, October 10–12, 2004. The general chairman for the convention was Lee Billingsley, with Armando Medina and John Waugh chairing the technical program and Stewart Chuber presiding over GCAGS. A strong technical program and good variety of central Texas fieldtrips and short courses were provided. The GCAGS transactions were co-edited by Wayne Jones, Robert Smith, and Charles Willetts and are available on CD, with the hard copy version available at an additional cost.

The GCAGS headquarters office is located at the Bureau of Economic Geology, University of Texas at Austin. Kate Kipper is the executive secretary. The GCAGS, which comprises 13 geological societies representing five states and Mexico, has the largest membership among AAPG affiliated societies.

GCAGS is a nonprofit professional organization whose purpose is to foster education and communication of ideas, and to render financial support to geoscience students conducting research in the Gulf Coast region. It is served by a board of directors composed of one representative from each member society, with the vice president, secretary, and treasurer nominated by the Executive Committee of the local society hosting the year's annual meeting. The 2004–2005 GCAGS Executive Committee consists of President Tom Bergeon, Past President

Stewart Chuber, Vice President (President-Elect) Barry Wawak, Secretary Eric Broadbridge, and Treasurer George Rhoades.

The GCAGS Student Grant Committee chaired by Danny Harrelson awarded 24 research grants to students from 12 universities. The total amount of GCAGS scholarship money awarded was \$25,694.

The GCAGS elected to support its local societies college scholarship programs in 2005 with a one-time matching grant for new money raised for scholarships. The limit is \$10,000 per society, except for the Houston Geological Society, which has a \$20,000 limit. This program was chaired by Dick Bishop and is a repeat program from one that awarded \$70,000 to the local societies in 1991.

The GCAGS distributes its own geological publications and those from

the 13 member societies through the Bureau of Economic Geology, University of Texas at Austin. Many transactions and publications have been converted to CD format. Doug Ratcliff and Ed Picou oversee book and CD sales.

Nine committees, in addition to the GCAGS Board of Directors, presently conduct the activities of the GCAGS. These committees and their respective chairs follow: Convention Committee, Tim Rynott; Awards and Nominations Committee, Jerry Wermund; Finance Committee, Steve Hill; Long Range Planning Committee, Brian Lock; Publications Committee, Doug Ratcliff; Matching Fund Scholarship Committee, Dick Bishop; Student Grant Committee, Danny Harrelson; Transactions on CD-ROM Committee, Ed Picou; Publicity and Web site Committee, Larry Bartell; and History Committee, David Pope (recently deceased). The GCAGS representatives to the AAPG Advisory Council are Tim Rynott and Jeffrey Lund. Jeff will be succeeded by Paul Babcock in 2006. All these individuals and their respective committees do outstanding work for GCAGS and that's what makes GCAGS a vibrant and progressive geological association.

The GCAGS Executive Committee is pleased to report that the GCAGS continues to be financially stable. Its current resources will enable it to continue to be economically solvent for the future.

Serving as GCAGS president in 2005 was a pleasure.

Tom Bergeon, President

Pacific Section

The 2005 Pacific Section Annual Meeting was held April 29–May 1 in San Jose, California in conjunction with the Cordilleran Section of the Geological Society of America (GSA). Holding the meeting with GSA provided diversity and depth to the technical program. At the technical program, 280 papers were presented in 34 oral sessions, and 160 papers were presented in 13 poster sessions. Session themes included fossil energy, tectonics, hydrogeology, sedimentology, and igneous/metamorphic petrology. The meeting had just over 1000 registrants. The keynote address was made by Mary Lou Zoback of the U.S. Geological Survey on the centennial of the 1906 San Francisco earthquake. Special presentations were also made, one on the history of the oil industry in California and one on global climate change.

At the all-convention luncheon on April 30, the Pacific Section gave the following awards for 2005: Distinguished Service to Pacific Section, Richard Blake and Stephen (Tony) Reid; Pacific Section Distinguished Educator, David Andersen, San Jose State University; Pacific Section K-12 Teacher of The Year, Jim Mears; Pacific Section Honorary Life Membership, Tor Nilsen; A. I. Levorsen Memorial Award for best paper at previous year's Pacific Section Convention, Michael Clark; H. Victor Church Memorial Award for best poster at previous year's Pacific Section Convention, Jon Schwalbach; Pacific Section Corporate Award, Halliburton; and Martin VanCouvering awards supporting student attendance at convention, nine student recipients.

AAPG Pacific Section Foundation

Established in 1999, the AAPG Pacific Section Foundation conducts the charitable and educational business of the AAPG Pacific Section and is a 501(c)(3) corporation that houses various tax-exempt funds that serve the West Coast geological community and the general public through educational information programs.

In 2005 the Foundation sponsored nine students at our annual meeting and convention in San Jose, California. The Foundation also provided matching funds for the awards given to local Teacher of the Year winners and supported a fieldtrip for teachers run by the Northern California Geological Society. Our used book business continues to be a conduit for recycling geologic literature, and also has become a focus of interest in the exhibit hall at our annual meetings.

AAPG Pacific Section Publications

The Pacific Section Publications Committee completed a set of 13 geologic cross sections through the Santa Barbara Channel, offshore California. Tom Hopps coordinated this effort and Tom Redin served as technical editor. The series includes 11 north-south sections and 2 east-west sections that transect major oil fields in the Santa Barbara Channel. Since the inception of cross section publication by the Pacific Section in 1952, a total of 43 sections have been produced. These cross sections are intended to capture the knowledge and concepts of geologists who have worked sedimentary basins in the western coastal states. The Santa Barbara cross sections are available through the Pacific Section Publications Committee, and as a set come with a companion volume to the geology of the Santa Barbara Channel.

Steve Sanford, President

Rocky Mountain Section

The main activities of the Rocky Mountain Section (RMS) of AAPG consist of an annual section meeting and sponsoring Teacher of the Year candidates from affiliated societies in the region. In addition, the AAPG Rocky Mountain Section Foundation, headed by Bill Oline and Lou Bortz, sponsors many grants to affiliated societies during the year, supporting the purchase of equipment, publications, symposia, and regional geoscience libraries such as the Denver Earth Resources Library (DERL). In 2004–2005, after the highly successful joint RMS-AAPG, Rocky Mountain Association of Geologists, and Colorado Oil and Gas Association (COGA) meeting in August 2004 chaired by Randy Ray, the major activity has been preparing for the upcoming section meeting in Jackson, Wyoming (September 2005), headed by co-chairs Jerry Walker and Sandra Mark and co-hosted by the Wyoming Geological Association, Nevada Petroleum Society, and Idaho Association of Professional Geologists. Future section meetings will be in Billings, Montana in June 2006, Snowbird, Utah in October 2007, and in Denver in summer 2008.

Donna Anderson, President

Southwest Section

Note: Contents for the preparation of this report were taken from the June 10, 2005, SWS president's report, the June 18, 2005, SWS Report to the DPA Council, and Mike Party's 2005 SWS convention report summary.

The AAPG Southwest Section (SWS) experimented with holding their annual convention at an offsite location as opposed to the traditional concept of a host Society sponsoring the convention in their hometown. This was the brainchild of Mike Party, and the meeting held in Fredericksburg, Texas, resulted in one of the most memorable SWS conventions of the past 20 years. The Convention Committee was composed of Treasurer Dexter L. Harmon, Exhibit Chair Robert L. Martin, Technical Program Chair David J. Sivils, Webmaster Lance Klenk, Event Coordinator and Golf Tournament Chair Ronald O. Johnson, Event Coordinator William C. Stephens, PBS-SEPM Field Trip Chair J. P. F. "Pat" Welch, Registration Chair Paula L. Mitchell, Arrangements Chair Harvin L. Broughton, and Spouse Events Chair Catherine S. Party.

Hauling Chair Sam Samford also loaned us his strong back along with his photo-taking talent. The total registration was 409 people, including 85 spouses.

Convention events included a pre-convention field trip entitled "Cyclostratigraphic Principles for Reservoir Characterization in Carbonates: Examples from the Cretaceous of Central Texas," led by Cory Hoffman and Emily Stoudt. Additionally, there was a "More Rocks in Your Head" workshop for science teachers in the Fredericksburg area, and a free (SWS sponsored) short course entitled "Reservoir Characterization and Production Technologies for Unconventional Reservoirs." Instructors for the course were Jeff Levine, Creties Jenkins, Kevin Fisher, and Trent Green. The eighty-hour course had 57 attendees. Tuesday afternoon included a choice between a field trip titled "Sandstone, Wildflowers and Wine in the Texas Hill Country," led by Pete Rose and Tom Ewing, and a scramble golf tournament held at the Lady Bird Johnson Municipal Golf Course in Fredericksburg. Lee C. Gerhard's all-convention luncheon talk was entitled "Geological Perspectives of Global Climate Change—the Update." The speaker for the all-division luncheon was Peter R. Rose, whose talk was entitled "Influence of Geology and Technology on Frontier History, Texas Hill Country." Income from the convention will be split between the section and all nine of the individual societies within the SWS.

In addition to the free short course at our annual meeting, we continued our tradition of providing our membership with

a free fall short course. The course entitled "Geology and Engineering Aspects of Tight Gas Reservoirs," had 70 attendees. New initiatives include a mechanism to help sponsor up to two "More Rocks in Your Head" workshops per year through our local societies. The SWS also has created a means by which to pay up to \$250 in expenses to students giving presentations at the section conventions. In other business, we have approved a Bylaws amendment to provide for electronic voting for the SWS Board and have continued the push to digitally archive the records of the SWS Board and Executive Committee. Additionally, we created an ad hoc Membership Committee to aid in increasing participation and membership in the SWS, AAPG, DPA, and our local societies.

During the opening ceremony of the annual convention, awards were presented for lifetime and professional achievement. The A. I. Levorsen Award for Best Oral Presentation at the 2005 meeting was made to Eugene C. Rankey. A. I. "Al" Cox Award for Best Poster presentation at the 2005 meeting was presented to David Entzminger and Michael Miller. The Southwest Section's Monroe G. Cheney Award for significant contributions to petroleum geology in the region was presented to Louis Mazzullo; Richard Green received the John Emery Adams Distinguished Service Award. The Section's Distinguished Educator Award was presented to Janok P. Bhattacharya.

We have continued to run the SWS business through preparations for future conventions (San Angelo May 14–16,

2006, Wichita Falls 2007, and Abilene 2008), the financing of the publication of the West Texas Geological Society Fall Symposium proceedings, the dispersion of \$7750 to eight scholarship recipients, and the successful election of a new slate of officers. We also have approved nominations for the 2006 SWS awards and are finalizing the various committee replacements for the coming fiscal year.

Newly elected officers for 2005–2006 are president, Randy Pharis (Fort Worth); vice president, Randy Keller (El Paso); president-elect, Craig Reynolds (Wichita Falls); secretary, Paul Pause (Midland); and AAPG Advisory Council representative, Tom Mairs (Dallas). Debra Osborne (Midland) will continue as treasurer (two-year term). The out-going Board of Directors of the Southwest Section consists of President William C. Stephens (Wilchita Falls), President-Elect Randy Pharis (Fort Worth), Vice President Robert A. Cannon (Dallas), and Secretary Keith McKamey (Roswell).

Total assets for the SWS stand at \$92,393.60, including outstanding loans to WTGS and our 2005 Convention Committee. Pending revenues from the 2005 Fredericksburg convention have not been incorporated into these figures.

For the future, it has been recommended that the SWS sponsor a Student Job Expo at our annual convention (or select conventions) as a means of attracting new talent and creating a positive environment for recruiting younger members.

William Stephens, President

Reports of the Committees

Academic Liaison

The function of the Committee on Academic Liaison shall be to serve as liaison between the Association and academic organizations having interests compatible with the Purposes of the Association as set forth in Article II of the Constitution.

The role of the Academic Liaison Committee is planning in the context of the efforts of the ad hoc Student Coordinating Committee. The chair of the Academic Liaison Committee took part in a meeting of the chairs of all committees involved with student and academic issues during the AAPG Leadership Conference. The chair presented an outline of the new focus of

the committees during the conference. Academic Liaison also has been involved in monthly teleconferences of the ad hoc Student Coordinating Committee. The committee met at the Calgary convention, and in conference with the AAPG president the committee agreed to a strategy for 2005.

To fulfill the committee's role as a link between the Association and academic community, the Academic Liaison Committee will pursue long-term relationships with leaders in the academic geoscience community who are not part of the Association community or members of the Association. We will accomplish this by developing an annual one-day workshop to be held in cities outside the traditional oil patch. The first

setting will be Boston, Massachusetts. Presentations by Association members at the workshop will focus on the research side of what Association workers do. The purpose of the workshop is to provide an opportunity for the Academic Liaison Committee to meet and develop a dialog with academics currently outside the Association. As the program evolves, we expect that many of these academics will join the Association and some will become members of the Academic Liaison Committee. The committee welcomes suggestions from the Association membership of potential academic invitees to the workshop.

Stephen E. Laubach, Chair

Committee members: Linda M. Bonnell (co-chair), Robert Lander (co-chair), James Lee Bedford, Janok Bhattacharya, Robert L. Countryman (Executive Committee representative), Denise M. Cox, Lee H. Fairchild, Lias R. Goggin, Jean C. Hsieh, Richard W. Lovell, and Edward C. Roy.

Astrogeology

The function of the Committee on Astrogeology is to provide a forum for ideas on astrogeology and geological exploration and applications in space. Efforts include a speakers' bureau, symposia at various meetings, encouragement of poster sessions on astrogeology and a liaison with groups of similar interest, such as the National Aeronautics and Space Administration. Provision is made for subcommittees to study comparative planetary geology; remote sensing; and exploration on Earth's natural resources from space, Earth applications of developments from the space program, and exploration and development of natural resources in and beyond the solar system.

The primary activities of the committee in 2005 were the organization of a session on Mars Sedimentation, led by Lee Allison, for the 2005 AAPG Annual Convention in Calgary, Canada, and preparations for a session at the 2006 Annual Convention in Houston, tentatively planned to examine methods of producing energy and other consumable resources found on the Moon and Mars.

Harrison H. Schmitt, Chair

Committee members: Philip J. Cannon, Debra D. FitzGerald, and Harrison H. Schmitt.

Committees

The purpose of the Committee on Committees is to recommend to the president-elect a slate of candidates for standing, special, and ad hoc committees; Association representatives to other permanent groups; and all other appointments on which the Executive Committee, the president, or the president-elect request advice.

The Executive Committee of AAPG authorized the formation of the Committee on Committees (CoC) in 1991 with an original purpose to "recommend to the president-elect a slate of candidates for standing, special

and ad hoc committees; Association representatives to other permanent groups and all other appointments on which the Executive Committee, the president or president-elect request advice." This purpose has changed somewhat over the years but the CoC continues to serve the Association president and president-elect as to concerns relevant to the various committees of AAPG. This is achieved by assigning members of CoC as liaisons to specific AAPG committees. The members of CoC serve a three-year term with an optional reappointment for an additional three-year term.

The CoC currently has 19 members with Bob Lindblom, chair and vice chairs, Ed Heath, Mark Wilson, and Pete Gray. I asked Pete to stay on as an ex-officio vice chair this year. AAPG and the CoC are most grateful and fortunate to have had his leadership, exemplary service, and dedication as chair of the committee the past four years.

I had the privilege and pleasure to attend the annual AAPG Leadership Conference held February 11–13, 2005 in Tulsa. The conference sessions offer stimulating and learning opportunities on a variety of subjects relative to the attendee's working relationship with AAPG.

During the conference, committee Vice Chair Ed Heath and I met with AAPG President Pat Gratton and President-Elect Pete Rose to revisit and discuss the purpose, mission, and importance of the CoC and its interface with the Association's 45 standing and ad hoc committees. In recent years ad hoc committees have not come under the purview of the CoC but as a result of this meeting, the 14 ad hoc committees were assigned to the CoC for review and liaison effort. For aid and help in this effort, a "Survey and Evaluation" form was prepared to be used by the CoC members in their evaluation and liaison work with each assigned committee.

Questions addressed in the form include the number of committee meetings held during the year, the means of communication by the committee, the objectives and goals the committee has established for the year, any concerns as to the need for more or less members on the committee and recommendations for leadership succession and preparation. In March the forms were sent to CoC members with instructions to have the forms completed for the committee meeting at the AAPG Annual Convention in Calgary.

The annual meeting of CoC was held in Calgary with all members present. Also in attendance were President-Elect Pete

Rose and recently announced president-elect for 2005–2006, Lee Billingsley.

Results of this meeting included a review of the minutes of the 2004 CoC meeting in Dallas and the CoC annual report (2003–2004) prepared by the chair, Pete Gray; the Leadership Conference held in Tulsa in February (referenced above); receiving the completed liaison forms from attending members; a discussion on suggestions for any revision of the form; and a review of CoC member terms relative to reappointment or leaving the committee. President-Elect Pete Rose also discussed the importance and direction of the CoC during 2005–2006.

In a memo dated July 1, 2005, to all chairs of standing and ad hoc committees from President Pete Rose, the request was made that all liaison material from CoC members be submitted to him by July 19. The forms, collected at Calgary and received after the meeting, were delivered by that date.

This has been my first year serving as chair of the CoC and it has been a learning and very rewarding experience, and, importantly, a sincere pleasure and privilege to serve in this office. I look forward to working with members on any expanded tasks and assigned responsibilities the committee will undertake in the coming year.

Bob Lindblom, Chair

Committee members: Katharine Lee Avary, George Bole, Brian Cardott, Ed Dolly, Pat Gratton, Pete Gray, Robbie Gries, Ed Heath, John Hogg, Terry Hollrah, Don Lewis, Bob Lindblom (chair), Bill Morgan, J. Mike Party, Kay Pitts, Deborah Sacrey, Valary Schulz, Steve Sonnenberg, Paul Strunk (first chair) and Mark Wilson.

Distinguished Lecture

The function of the Committee on Distinguished Lecture is to arrange lecture tours by outstanding speakers on timely subjects among affiliated societies and academia.

The function of the Committee on Distinguished Lecture is to provide lecturers speaking on important and timely topics in their expertise. The committee's key strategies are to (1) identify topics that support the science-based business decisions made across the exploration, development, and production business stages;

Table 1. 2004–2005 AAPG Distinguished Lectures

North America Distinguished Lectures

Philip Currie

Royal Tyrrell Museum of Palaeontology, Drumheller, Alberta, Canada

- (1) "Feathered Dinosaurs and the Origin of Birds"
- (2) "Late Cretaceous Dinosaurs from Mongolia"
- (3) "A Pack of Giant Carnivorous Argentinean Dinosaurs"

Robert L. Gawthorpe

University of Manchester, Manchester, England

Allan P. Bennison Funded Distinguished Lecturer

- (1) "Sedimentary Response to Fault Evolution in Rift Basins: Insights from the Gulf of Suez and North Sea"
- (2) "Seismic Geomorphology and Modeling of Deepwater Slope Systems"

Arthur R. Green

Retired geoscientist (formerly with ExxonMobil Exploration Company, Houston, Texas)

J. Ben Carsey Funded Distinguished Lecturer

- (1) "Global Energy – The Next Decade & Beyond"
- (2) "Dynamics of the Sun/Earth Climate System"

David C. Jennette

Bureau of Economic Geology, Austin, Texas

- (1) "Making Sense of Turbidite Reservoirs: A Multi-basin Perspective on What Drives Architecture and Rock Properties"
- (2) "Merging Rocks and Lasers: Bringing 3-D Outcrop Geology to the Workstation"

Jack C. Pashin

Geological Survey of Alabama, Tuscaloosa, Alabama

Haas-Pratt Funded Distinguished Lecturer

- (1) "Geologic Heterogeneity in Coalbed Methane Reservoirs of the Black Warrior Basin: Implications for Gas Production and CO₂ Sequestration"
- (2) "Compartmentalization Analysis of Coalbed Methane Reservoirs in the Black Warrior Basin: Using 3-D Computer Models to Balance Industrial and Environmental Concerns"

Tony Reynolds

BP, Middlesex, England

- (1) "Paralic Oil and Gas Fields—What Makes Them Distinctive: From the Pore Scale to the Reservoir Scale"
- (2) "Pressure Data in the Development of a Giant Oilfield: ACG Azerbaijan"

Ronald J. Steel

University of Texas, Austin, Texas

- (1) "Shelf-Transiting Shoreline Systems and Generation of Stratigraphic Sequences in Shelf-Break vs. Ramp Basins"
- (2) "Improving the Lowstand Component of the Sequence Stratigraphic Model"

Lori L. Summa

ExxonMobil Upstream Research Company, Houston, Texas

"Tertiary Deltas – What We Have Learned: Examples from Deepwater Nigeria"

International Distinguished Lectures

Robert S. Tye

PetroTel, Plano, Texas

China, SE Asia, Indonesia, Australia

- (1) "Alluvial Basin Filling Processes and Quantitative Determination of Channel and Channel-Belt Dimensions Using Cores and Logs"
- (2) "Reservoir Description and Unique Horizontal-Well Designs Boost Primary and EOR Production from the Fluvio-Deltaic Prudhoe Bay Field, Alaska"

Richard Swarbrick

University of Durham

United Kingdom, Western Europe

"Overpressure as a Primary Control on Fluid Flow in Sedimentary Basins"

(2) showcase the state-of-the-art technology and concepts used in the oil and gas industry to academia; and (3) cooperate with other societies to support joint lectures and bring local societies into a common forum.

The committee nominates and selects distinguished speakers for fall-spring lecture tours. The committee currently consists of 21 dedicated professionals, representing 8 oil and gas companies, 3 consultants, 8 academic institutions,

and 3 state and governmental offices. Based on the success of the 2004–2005 season (Table 1) and the breadth of speakers for 2005–2006 (Table 2), the committee continues to maintain a high caliber and balanced roster of lectures that demonstrate a breadth of science to wide audiences.

The estimated cost for the 2004–2005 domestic and international tours is \$189,416 (approximately \$18,000 less than the previous year). This included

\$86,196 for direct travel and \$103,220 (a decrease of approximately \$71,000) in operations expenses, due to reduced personnel within the Education Department. Income from host societies, approximately \$43,552, will partially defray these expenses, with the AAPG Foundation using its Distinguished Lecture fund to subsidize the remainder of the incurred expenses.

The eight 2004–2005 domestic Distinguished Lecturers provided a total

Table 2. 2005–2006 AAPG Distinguished Lectures

North America Distinguished Lectures

Janok P. Bhattacharya

University of Houston (formerly with the University of Texas, Dallas)

- (1) "Applying Deltaic and Shallow Marine Outcrop Analogs to the Subsurface"
- (2) "Martian River Deltas and the Origin of Life"

Peter B. Flemings

The Pennsylvania State University, University Park

"Overpressure, Hydrocarbon Migration, Seafloor Venting, and Slope Stability: The Dynamic Flow Regime Beneath the Seafloor"

Steve Larter

University of Calgary, Alberta, Canada

Allan P. Bennison Funded Distinguished Lecture

"From Deep Water Exploration to Tar Sand Production: Bugs, Biodegradation, and the Origin of Heavy Oil"

Rebecca Latimer

Chevron Energy Technology Company

AAPG-SEG Inter-Society Distinguished Lecturer

"Uses, Abuses, and Examples of Seismic-Derived Acoustic Impedance Data: What Does the Interpreter Need to Know?"

Jim Markello

ExxonMobil Upstream Research Center, Houston, Texas

Haas-Pratt Funded Distinguished Lecture

- (1) "Carbonate Analogs through Time (CATT) Hypothesis—A Systematic and Predictive Look at Phanerozoic Carbonate Reservoirs"
- (2) "Integrated Research for Carbonate Reservoirs – Is it the Business Question that Mandates the Multidisciplinary Integration"

Kitty Milliken

University of Texas at Austin, Jackson School of Geosciences

J. Ben Carsey Funded Distinguished Lecturer

- (1) "Linked Mechanical and Chemical Processes in the Diagenesis of Sandstones"
- (2) "Reservoir Quality Assessment: Petrography as a Tool for Deciphering Kinetically Dominated Systems and the Need for Petrographic Education"

Mark G. Rowan

Rowan Consulting Inc., Boulder, Colorado

- (1) "Collisional Fold-and-Thrust Belts Detached on Salt"
- (2) "Salt-Sediment Interaction during Diapir Growth"

International Distinguished Lectures

Hesham M. Al Qassab

Saudi Aramco, Saudi Arabia

Middle East Tour

"Developments in Geological Reservoir Modeling: Status, Challenges and the Road Ahead"

Carlo Doglioni

Università La Sapienza di Roma, Italy

Eastern and Central Europe Tour

"Global Tectonic Asymmetries and Applications to Europe"

Mateu Esteban

REPSOL-YPF, Spain

Western Europe Tour

"Burial of Carbonate Reservoirs: The Rest of the Story"

of 110 visits, 46 in the eastern section and 64 in the western part of North America, reaching an audience of 8016 (37 geological societies and 73 universities). As was previously explained in another annual report, AAPG and SEG rotate responsibility for the AAPG-SEG Inter-Society Distinguished Lecturer. In 2004–2005, SEG coordinated the tour with Eloise Lynn as the selected speaker, visiting 16 groups (13 North America/ three international). Rebecca Latimer was selected to be the 2005–2006 AAPG-SEG Inter-society Distinguished Lecturer, which AAPG will administer. The title of her talk is "Uses, Abuses, and Examples of Seismic-Derived Acoustic Impedance Data: What Does the Interpreter Need to Know?" Both

the SEG sections and AAPG geological societies will participate in this tour.

The International Distinguished Lecture program was reduced to only three speakers due to budget constraints and reduced personnel within the Education Department; they visited different regions. Through the generous gift from Saudi Aramco, Abdulkader M. Afifi visited five groups in North America and presented his talks entitled "Paleozoic Hydrocarbon Habitat in the Arabian Plate" and "Ghawar: Anatomy of the World's Largest Oil Field." ExxonMobil also provided funds to AAPG for the fees that would have normally been charged to the participating groups.

The other two international Distinguished Lecturers were Richard Swarbrick who visited four groups in western Europe

and Robert "Bo" Tye, who toured throughout southeast Asia, Australasia, and Indonesia, including 12 groups. These three speakers spoke before an audience of 1237. The total attendance for the domestic and international program was 9253, which was a greater number than the previous year.

International Distinguished Lecturers will tour during 2005–2006 (see Table 2).

The 2005–2006 domestic tours promise to be equally successful (also Table 2). To date, we have received 211 requests for the slate of 7 speakers to tour throughout North America. As usual, this number suggests that each speaker will have a very hectic schedule as he/she endeavors to broaden AAPG's impact on our discipline.

AAPG appreciates the support demonstrated by the Distinguished Lecturers' companies and universities in providing the resources required to develop superior slides and/or graphics for presentations and for the extended periods of time away from the office for the tours.

When available, the Distinguished Lecture Committee continues to offer the graphics on the Web site as pdf files, which can be downloaded for review and benefit those who did not have the opportunity to attend the lectures. The slides are offered following the Distinguished Lecture tours, depending on the willingness of the Distinguished Lecturers.

We are pleased the significant support from the AAPG Foundation has continued as a result of major contributions to the Distinguished Lecture fund establishing named lectures, such as the Allan P. Bennison International Distinguished Lecturer; the Haas-Pratt Distinguished Lecturer, funded by Merrill W. Haas; the Roy M. Huffington Distinguished Lecturer, funded by Terry Huffington in honor of her father; the Dean A. McGee International Distinguished Lecturer, funded by the Kerr-McGee Corporation; and J. Ben Carsey (a bequest from J. Ben Carsey Jr., in memory of his father, a former AAPG president).

The committee gratefully acknowledges the AAPG Foundation's generous support and encourages AAPG members to support the Foundation's Distinguished Lecture fund, which will ensure the continued success of this program for future generations of geologists.

Marianne Weaver, Chair
Gregor Eberli, Vice Chair

Executive Committee liaison:
Ernest Mancini

Committee members: John B. Anderson, David Bowen, Mark Cooper, Rebecca Dodge (EMD Rep.), Katherine Giles, Richard H. Groshong Jr., *Alfredo Guzman, Peter H. Hennings, Charles Kerans, Lee F. Krystinik, David K. Larue, Michael D. Lewan, Steve May, Matthew J. Pranter, Mark Sonnenfeld, Carl Steffensen, and Bruce Trudgill.

International subcommittee:
John Armentrout, Paul Crevello, Barry A. Goldstein, *Alfredo Guzman, Ahmed Hamed, Peter Lloyd, Nosa Omorodion, Henry S. Pettingill, Frank J. Picha, William Sassi, Gabor Tari, and Stanley Wharton.

Western Europe subcommittee:
Peter Lloyd, chair, Roberto Bencini (Italy), Bernard Colletta (France), Anthony Evans (UK), Walter Gruen (Austria), Andrew Hurst (Scotland), Sigrunn Johnsen (Norway), Consuelo Garcia Mojonero (Spain), Wolfgang Nachtmann (Austria), Edmund Nickless (UK), Francisco Porturas (Norway), Fancoise Roue (France), and William Sassi (France).

Eastern Europe subcommittee:
Frank J. Picha, chair, Abraham Murtuzayev (Azerbaijan), George Krastev Ajdanlijsky (Bulgaria), Tihomir Marjanac (Croatia), David Ulicny (Czech Republic), Juraj Francu (Czech Republic), Alexander Chabukiani (Georgia), Andras Galacz (Hungary), Mikhail K. Apollonov (Kazakhstan), Shlygin Dmitry A. (Kazakhstan), Tadeusz M. Peryt (Poland), Olteanu Ionel (Romania), Konstantin O. Sobornov (Russia), Jan Milicka (Slovakia), Alexander A. Kitchka (Ukraine).

*On both the domestic and international committees

Domestic Sections (ad hoc)

The ad hoc Domestic Sections Committee was charged by AAPG President Pat Gratton with the task of helping the smaller domestic sections to operate more efficiently and economically. The committee met twice in person and conducted most business via the telephone and e-mail. The committee started with an evaluation of how domestic sections run successful conventions.

Conventions are an excellent way for geoscientists to get together and share ideas, and for geologists to meet and discuss their needs and get solutions to tough problems from an assortment of vendors. Conventions also are excellent ways for sections to make the necessary revenues to continue to operate. A convention is difficult to plan and run. Geologists are not meeting planners, so they need all of the help that they can get.

We prepared a document that presents successful practices from conventions held by the various sections to help sectional meeting planners build and implement a working plan that will benefit the section. The document offers advice from experienced meeting planners.

The document is posted on the AAPG Web site. Not everything that works for one section will work for another section, and times and economic conditions

change. The committee looked at the various aspects of a convention and following are their recommendations to improve the effectiveness of section conventions:

1. Each section should set up a formal procedure to help the planning of meetings. This can be done as a cookbook or through an ongoing committee or by some other method.
2. The organizers should work closely with AAPG's staff when planning a meeting. They have great experience and usually make excellent recommendations.
3. Insurance is important and should be addressed at the national level.
4. Safety procedures need to be established for field trips. Again, this should be done at the national level.
5. This committee should continue. Pat Gratton's plan to change the focus of the committee each year is an excellent one. That way the committee will not stagnate. Next year the committee could focus on specific items addressed above or take a new direction.

Possible areas of future study include grooming new people for leadership positions, training the sectional executive committees to be more effective, or developing better ways to publish at the sectional level.

Don Clarke, Chair

Committee members: Gene Ames, Don Clarke (chair), Tony Kolodziej, Stephen Levine, Jim McGhay, John Minch, Mike Party, Steve Sanford, Valary Schulz (AAPG Executive Committee liaison), and Larry Wickstrom (vice chair).

Grants-in-Aid

The purpose of the Committee on Grants-in-Aid is to provide funds to students seeking graduate degrees in the geosciences whose research has application to the search for and development of petroleum and energy-mineral resources and to related environmental geology issues. The focus is principally upon M.S. degree programs, but Ph.D. projects will be considered if the proposal is not normally supported by other societies or government agencies. This emphasis is in response to the perceived special needs at these academic levels. Committee guidelines are for a mix of funding addressing two-thirds M.S. and one-third Ph.D. requests.

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 for a maximum grant of \$2000, constrained of course by funding made available by the AAPG Foundation.

The 2005 application class completes the 49th year of the AAPG Foundation Grants-in-Aid program. In that time, more than \$2.4 million has been granted to fund 2162 high-quality masters and Ph.D. student research projects throughout the world. An AAPG Grants-in-Aid grant is one of the most competitively earned and prestigious funding programs in the earth sciences.

Awards Summary

This year marks the first year that both the student submissions, as well as committee review, were completed online. International student access to the Internet has not been a significant problem, which was an initial concern in the transition from paper to online. For the committee, the online review process has significantly increased the participation of committee members and allows for the continued broadening of the committee 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.

This year the committee received 303 applications from schools in 27 countries for review; total applications were down slightly, but within 10% of the previous year.

A total of 88 monetary awards, 29% of all the applicants, were made to the top-scoring eligible applicants, in sum, \$154,975. Restricted and named grants were again awarded this year to the top-scoring, eligible applicants. The average grant was \$1781, a slight increase from the previous year. In each of the past four years, grants have consistently averaged between \$1700 and \$1800.

A total of 151 doctoral candidates and 152 master's candidates applied for grant funds. The final grant award population was 39% doctoral candidates and 61% master's candidates. This does not reflect the competitive ranking;

rather, this forced split is in an effort to comply with the committee mission statement mandate of one-third doctoral and two-thirds master's, a directive to address a perceived lack of institutional funding at the master's level, the traditional working degree for a petroleum geologist.

Half the applications received were from non-U.S. citizens. Two-thirds (66%) of the applicants are attending schools within the United States. Grant awards generally mirror this distribution, as they have in recent previous years. Of the 88 awards, 26, or 29% of the grant awards, were made to non-U.S. schools: Australia (5), Canada (8), China (2), France (1), Germany (1), Nigeria (3), Poland (1), Saudi Arabia (1), South Africa (1), United Kingdom (3), and United States (62).

Funding

Of the total \$154,975 amount awarded, \$80,325 was provided by the Foundation Grants-in-Aid Fund and \$74,650 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 2005 award year: the J. Ben Carsey Sr. Memorial Grant and the Wallace E. Pratt Memorial Grant.

The Grants-in-Aid program continues to seek avenues to reach out to students and AAPG members. Specific growth areas of attention are to increase coordination with other student related committees, principally through the Student Focus Coordinating Committee monthly phone conference, and 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 list of 2005 award recipients was announced at the AAPG Annual Convention in Calgary and made available on the AAPG Web site at http://foundation.aapg.org/gia/current_recipients.cfm. Abstracts of funded research of students who received financial grants in 2005 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 2004–2005 program year, the committee comprised 49 members with geographic representation from Australia (3), Bulgaria (1), Canada (1), the United Kingdom (3), the Netherlands (1), Nigeria (1), Saudi Arabia (2), Thailand (2), the Ukraine (1), and the United States (32, of which 10 have strong affiliation with international regions).

Many people deserve recognition for their roles in making the Grants-in-Aid program a success in 2005: 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. 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.

Peter MacKenzie, Chair
Anne Fix, Vice Chair
Kevin S. Meyer, Vice Chair

Committee members: Nadeem Ahmad, George K. Ajdanlijsky, Adebayo O. Akinpelu, Aus Al-Tawil, George Ardies, Cesar A. Ardiles, Ralph W. Baird, Laura Beall, Ted Beaumont, Monika Cogoini, Denise M. Cox, Anita E. Csoma, Andrew Cullen, Stephen C. Edwards, Amanda Ellison, Lee Hamlin Fairchild, Roy Fitzsimmons, N. J. (Anne) Fix (vice chair), Bret J. Fossum, Thomas H. Fraser, Anthony J. Grindrod, George Grover, Edgar Guevara-Sanchez, Alexander Gumen, Denise N. Hodder, Jean Hsieh, Gary H. Isaksen, Kenneth G. Johnson, Brian D. Keith, Alexander Kitchka, Andy Klein, Larry M. Knox, Henry A. Legarre, Peter MacKenzie (chair), Kevin S. Meyer (vice chair), Amy Osborn, Eric C. Potter, Surawit Praditdan, Mihaela S. Ryer, Kenneth M. Schwartz, David J. Sivils, Neil S. Summer, James Turner, Mike Unger, Johnnie P. Wanger, Julia Wellner, Beth Witton-Barnes, Christopher K. Zahm, and Laura C. Zahm.

History of Petroleum Geology

The purpose of the Committee on the History of Petroleum Geology is to disseminate knowledge about the roots and evolution of our applied science. The committee's purpose would be served by documentation of the

geological breakthroughs in the search for oil and of the geologists who made them, with a worldwide scope.

At the 2005 Calgary meeting, the committee continued its pre-convention, Sunday afternoon-sponsored forum. The theme of the 2005 forum was "Lessons from the History of Exploration in the Middle East." We learned from John Scott (Petroleum Geological Analysis Pty) how Iraq became second in reserves of the region so rapidly and yet holds the promise of still more giants. Marlan Downey (consultant) reminded us of the mistakes that were made in Iran that could help avoid repeating them elsewhere. For Saudi Arabia, Mahmoud Abdul-Baqi (Saudi Aramco) explained the meteoric success of exploration in the Kingdom, and Abdulkader M. Affi (Saudi Aramco) outlined the special circumstances of source, reservoir, and traps that are responsible for the cornucopia of hydrocarbons in the region. Presiding were co-chairs Robert N. Ginsburg and Robert D. Hatcher Jr.

The committee also cosponsored a stimulating History of Petroleum Geology Committee-sponsored field trip to Turner Valley, Alberta's first discovery, led by Clinton Tippett (Shell Canada) and Jack Porter (historian and author). The title of the field trip was "Turner Valley—The Seven Veils of a Giant Hydrocarbon Field." The field trip leaders arranged for superb weather, and we had an outstanding half-day at Turner Valley looking at the historic field, discussing the geology, and getting back in time for the beginning of the annual History of Petroleum Geology Forum. The committee plans to sponsor a field trip for the 2006 meeting in Houston.

At its annual meeting, the committee considered several new activities to promote the history of petroleum geology. In addition to the field trip and forum, the committee intends to sponsor a technical session at the 2006 meeting in Houston on "Early Texas Discoveries." The committee also briefly discussed the "Classic Papers" initiative, originally proposed by John Masters and Elliot Riggs, which was carried over from last year and has the goal of selecting seminal papers, putting them on the AAPG Web site, and publishing a short synopsis and explanation of their significance in the *AAPG Bulletin*. During his term as *Bulletin* editor, John Lorenz asked that at least three candidate summaries be prepared to test the viability of this series. The committee agreed to search for prospective authors. This year Mike Party agreed to write one on the Permian basin and Bob Hatcher agreed to write another on the long-term impact of the Bally,

Gordy, and Stewart (1966, *Bulletin of Canadian Petroleum Geology*) paper. Bob Hatcher subsequently discussed this with elected editor Ernie Mancini, and he remains supportive of the concept. Mancini and Hatcher agreed that these short summaries should be reviewed, and that the *Bulletin* could probably handle three or four per year. The two initial entries should be prepared by end of summer, 2005.

Robert N. Ginsburg, Co-Chair
Robert D. Hatcher Jr., Co-Chair

Committee members: Edward D. Dolly, Donald L. Gautier, Robert N. Ginsburg (co-chair), Donald C. Haney, Robert D. Hatcher Jr. (co-chair), John A. Masters, Peter L. Nester, Paul E. Potter, James P. Rogers, Wolfgang E. Schollnberger, Matthew R. Silverman, Raymond P. Sorenson, Charles A. Sternbach, James W. Tucker, Arthur M. Van Tyne, and Donna C. Willette.

Investments

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

The Operating Fund was established in 1974 to provide the AAPG with financial resources to weather adverse periods in the industry. The Investments Committee oversees and is charged with the responsibility of prudent investment of the funds. The Executive Committee has sole discretion to use or dispose of the funds in the Operating Fund as circumstances require. In 2002, the Investments 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 market value of the Operating Fund on June 30, 2005, was \$13,272,510.99. This represents a 6.2% increase of about \$778,930 over the previous year's market value. Of that total, \$81,609.86 (0.6%) was invested in short-term cash accounts,

\$9,297,654.36 (70.1%) was invested in equities, \$2,535,358.70 (19.1%) was invested in fixed income funds, and \$1,357,888.07 (10.2%) was invested in other assets. The Investments Committee uses Larry Thompson & Associates, Inc. for financial planning consulting.

The Investments Committee held meetings in Tulsa on October 4, 2004, and May 16, 2005. Minutes from those meetings are posted to the Investments Committee Web page.

At those meetings, the committee (1) received the executive director's report on the Association, (2) discussed the overall market's performance, (3) reviewed and balanced asset allocations, (4) reviewed the operating fund's portfolio performance, (5) received an update/review of the GeoVe\$t pension fund, and (6) discussed other business.

George R. Bole, Chair

Committee members: George Bole (chair), John Brock, Terry Hollrah, Dick Howell, Jim McGhay, Terry O'Hare, Mike Party, Pierce Pratt, Rod Tillman, and Clint Moore (Executive Committee liaison). Participating members of the pension fund include Rick Fritz, Bryan Haws, David Lange, Larry Nation, and Anne Payne.

Membership

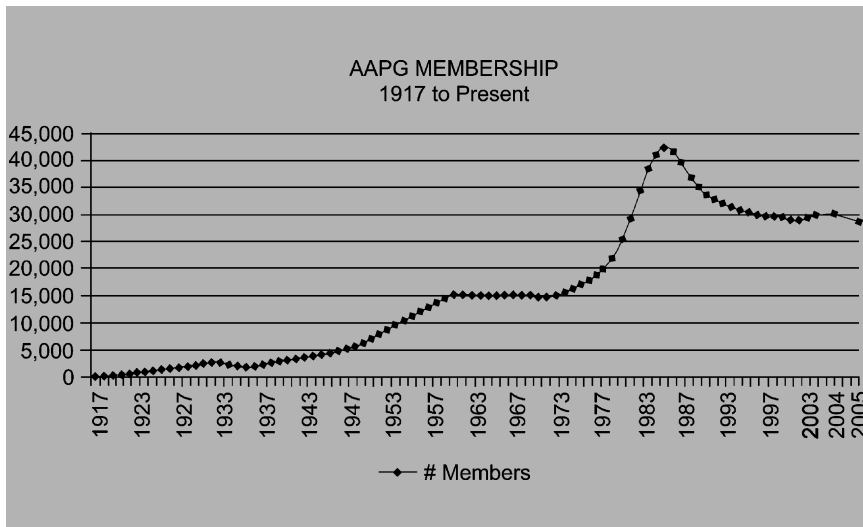
The function of the Membership Committee is to continually strive to retain and increase membership in the Association via effective communication with both current and potential members. Such communication will ensure that members and potential members alike know precisely what the Association has to offer and provide easy access to those benefits. The Membership Committee will draw upon the experience and expertise of retired members to assist in meeting the needs of the active membership. The committee also will encourage, review, and recommend action regarding applications for membership, as well as monitor membership requirements and recommend changes in qualifications and classes of membership as deemed necessary and appropriate.

The committee plans to expand its scope and more clearly define its important role in recruiting and retaining members.

The Membership and Membership Enhancement and Development committees met jointly at the Calgary convention. Several issues for review and action were identified:

Table 1. Membership by Year

Year	No. of Members	Year	No. of Members
1917	94	1962	15,043
1918	176	1963	14,931
1919	348	1964	15,202
1920	542	1965	15,126
1921	621	1966	15,346
1922	767	1967	15,205
1923	901	1968	15,163
1924	1,080	1969	15,189
1925	1,253	1970	14,794
1926	1,504	1971	14,860
1927	1,670	1972	15,332
1928	1,952	1973	15,654
1929	2,126	1974	16,148
1930	2,292	1975	17,083
1931	2,562	1976	18,026
1932	2,558	1977	18,787
1933	2,336	1978	20,106
1934	2,043	1979	22,144
1935	1,973	1980	25,414
1936	2,169	1981	29,259
1937	2,331	1982	34,449
1938	2,646	1983	38,733
1939	2,951	1984	41,034
1940	3,240	1985	42,577
1941	3,474	1986	42,232
1942	3,717	1987	39,824
1943	3,923	1988	37,183
1944	4,109	1989	35,564
1945	4,326	1990	34,038
1946	4,676	1991	33,115
1947	5,039	1992	32,448
1948	5,530	1993	31,619
1949	6,160	1994	31,030
1950	7,052	1995	30,433
1951	7,892	1996	29,947
1952	8,804	1997	29,904
1953	9,778	1998	29,971
1954	10,759	1999	29,852
1955	11,673	2000	29,013
1956	12,535	2001	29,067
1957	13,434	2002	29,405
1958	14,207	2003	30,049
1959	14,832	2004	30,183
1960	15,420	2005	28,910



- Use of House of Delegates members as a resource
- Use of retired AAPG members as a resource

AAPG headquarters has suggested that a “targeted, focused “Membership Marketing Plan” be tried to differentiate AAPG services and membership benefits for various age groups that coincide with the natural career levels of our members. This approach should allow a clearer understanding and communication of the value an AAPG membership can provide. An AAPG staff member has been assigned to coordinate each level.

The proposed groups are students, young professionals (age 25–33), mid-career professionals (age 34–44), high-career professionals (age 45–59), senior professionals (age 60+), and retirees.

A pilot project is being initiated this fall to apply the focused marketing concept to a select group of companies with large concentrations of AAPG members.

The Membership Enhancement and Development Committee program has been changed and no longer will be a contest. The new plan is twofold: a recognition part and a reward part. It is for recruitment for Active members and reinstatement of former Active members. The program began in May 2005 and will continue for an unspecified period of time.

Recognition of members who recruit new, reinstate, or transfer to Active members will be enhanced by service awards at various levels. These begin with modest tokens of appreciation such as a desk flag or lapel pin and increase appropriately as the number of new sign-ups increases. A recognition page on the AAPG Web site will

acknowledge the recruiters and the work they have done. AAPG also will promote recognition at the local level through the member’s society, section, or region.

The rewards are beautiful one-of-a-kind mineral and fossil specimens such as a fossil fish displayed on a brass stand, polished ammonites, petrified wood bookends, onyx bowls, amethyst geodes, and a megalodon shark tooth. As an alternative, the member may request an AAPG Bookstore voucher of equal value.

Each new or reinstate to Active member applicant will earn the recruiter one point and an applicant for transfer to Active member earns one-half point.

Reward points can be cashed in after accumulating a minimum of five points, which equates to a \$35–\$40 reward. Or, the recruiter may choose to continue building his account for a bigger and better reward.

For example, 25 points equates to a reward value of \$185–\$190. The recruiter’s progress can be tracked on the AAPG Web site. Once a reward is claimed, those points are deducted and the member can begin to build up points again. Recognition points always increase as Active members are recruited.

Jeff Lund, Chair
Dan Smith, Chair, Membership Enhancement and Development

Committee members: Mohammad O. Al-Amoudi, Martha Lou Broussard, Robert D. Cowdery, Edward D. Dolly, Gonzalo Enciso, John L. Forman, Robert J. Groth, David H. Hawk, John F. Karlo, Jeffrey W. Lund (chair), Nosa Omorodion, Franciscus H. Sidi, Daniel L. Smith, and John S. Wickham.

- Cost of international membership
- Identification of future AAPG leaders
- Recruitment and retention
- Use of a “Focused Marketing Plan” that differentiates subgroups of members by age
- Development of “Young Member Projects” within AAPG
- Reaching out to select university faculty to advocate AAPG membership
- “Intern Programs” for young geoscientists at independent companies
- Learning from AAPG peer professional organizations

Preservation of Samples and Cores

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

Sixteen committee members and guests participated in our 2005 committee meeting in Calgary. We noted that the AAPG meeting was to be followed by a core conference at the AEUB Core Research Center. Fifteen booths exhibited in the 2004 Core Poster Session in Dallas. Interest was high, and the committee needs more visibility and follow-up to these sessions. Plans are already underway for Houston 2006.

As a part of committee introductions, everyone was asked to identify actions and issues. Many reports noted space problems. Several states have major concerns that decreasing priority is being placed on continuation of support for facility and staff. It also was noted that, although our committee has focused on rocks, significant concern continues on paper records, seismic material, and fossil collections.

On the positive side, the National Science Foundation (NSF) has established archiving policy and identified the Texas Bureau of Economic Geology (BEG) as a repository for data developed by NSF supported research. This type of support and acquisition of material, facilities, and industry support has strengthened the BEG Houston Research Center. This facility has greatly expanded the BEG collections but already space is limited.

The Oklahoma Geological Survey has obtained major sample donations with support and acquired major space in an equipped facility, the Oklahoma Petroleum Information Center (OPIC). They now can accept orphan core, hopefully with a financial contribution. If support for the

move can be obtained, 36 pallets of cores and samples orphaned from departing major companies will be retrieved from dead storage at Amarillo College and placed in the OPIC Facility.

A transfer of the Unocal collection from Bakersfield, California to the Texas BEG facility is being negotiated. Other California collections still at risk are from Chevron, Aera Energy, Occidental, and the U.S. Geological Survey.

The USGS Denver Core Research facility is currently stable but is annually at budget risk.

Michigan is not only set to obtain a new facility but has hosted more than 500 people at core workshops. Similar workshops and core visibility are being provided by the Kentucky Geological Survey.

The American Geological Institute supported the Fifth International Meeting of National Geoscience Data Repositories in Reston, Virginia in 2004, and several of our committee members attended. The Geological Society of America has created a panel to develop a position paper on preservation of geologic data. Our AAPG committee has provided background and will participate. We believe that this panel will focus on the implementation of the recommendations from the published report of the National Research Council (NRC), Board on Earth Sciences and Resources "Geoscience Collections and Data: National Resources in Peril." This report and publication was supported by AAPG. Support for geoscience data preservation is still included in the federal energy bill. Our committee along with the Association of American State Geologists will be tracking the legislation.

In addition to the focus on implementing the NRC recommendations, the major action items for the coming year include the following:

- Committee membership: annual update, Houston 2006, supporting the core poster sessions and coordination with the BEG facility
- Federal agencies: preservation protocol needed on projects generating geoscience data and products
- Communication: update the committee home page, participate with GSA on preservation of geologic data, and continue to assess donated material value

The new chair is Sherilyn Williams-Stroud, and the vice chairs are William Harrison and Patrick Gooding.

Marvin P. Carlson, Past Chair

Committee members: Edith Allison, Mike Allison, Bill Almon, Allen Britton, Ed Coalson, Beverly Delamett,

Debra FitzGerald, Steve Goolsby, Bob Horton, Bob Hulse, Richard Inden, Dan Jarvie, Peggy Lee Kirkland, Larry Knauer, Rich Lane, Julie Ann Le Fever, Charlie Mankin, Bob Merrill, Olugbenga Odusote, Jim Puckette, Bob Schafer, Valary Schulz, Scott Tinker, Stephen Tischer, Mark Wilson, Lesli Wood, and Laura Zahm.

Public Outreach

We are the public face of our profession. The AAPG Public Outreach Committee leads the Association's science-based efforts to educate adults about oil and gas exploration and production, including the need to sustain a reliable energy supply, reduce environmental impacts, and encourage conservation. The committee also educates the adult public about the role of AAPG member geologists as creators of global energy wealth, including other fossil and mineral fuels, upon which the global economy and standard of living are based. The committee will advance the status of AAPG members as scientists engaged in serving society to meet needs for environmentally sound energy.

The methods the committee uses to accomplish its mission include Association and contributor-funded publications, public appearances by its members, communications to media, and information distribution via electronic media.

The committee coordinates its messages with other committees within AAPG and with those of sister societies. The committee will help AAPG develop a central point of contact for public messages.

The committee had an active year finishing several long-term projects and starting and finishing several others. The committee finished the year with an attempt to develop a multi-society effort in public outreach.

Projects Completed

- Publication of the climate change wall chart, with the support of the AAPG Foundation
- Publication of *Energy and Environment: A Partnership that Works*, with the support of the AAPG Foundation and Dan Smith
- Three virtual field trips initiated and on the AAPG Web site: (1) Anatomy of a Reef (an underwater field trip off the island of St. Croix, U.S. Virgin Islands), (2) Geology of the Canadian Rockies (a tour of the Canadian Rockies with photographs of unique geologic structures and great geologic scenery),

(3) The Grand Canyon: Geology Is Scenery (from the 1991 Kansas Geological Survey Centennial Rephotographic Expedition)

Projects Initiated But Not Completed

Primer on Petroleum, by Erling Brostuen: a layman's guide to oil and gas exploration and production. Funding for printing has been requested from the AAPG Foundation, and we are waiting on approval and graphics support from the Executive Committee.

Wallet card on climate change: Bill Pollard with Ray Thomasson. We are waiting for final edits and then it will be sent to the Executive Committee for final approval. The committee has unanimously approved the concept (in full draft form). Funding may be donated by committee members if necessary.

Annual Meeting

Presidents of sister societies were invited to participate in the annual meeting to ascertain interest in joint public outreach efforts. The invitation stated:

Our profession faces serious challenges in supplying the United States and the world with sufficient energy to power society. Without sufficient energy, the divide between "have" and "have not" nations will grow rather than shrink, and people who aspire to a better way of life will be left behind in abject poverty. Addressing the energy supply issue is only partly technical. The remainder is communicating to the public and to governments what their demands and consumption imply, and how those demands can be met.

There are tradeoffs for every public policy, and the United States, for one, has failed to address those tradeoffs. The public and our elected officials do not appear to have sufficient information to make rational decisions about energy supply over the long term, and the result has been serious conflict between aspirations for energy supply and constraints on developing that supply. The current high price of transportation is one result of this conflict, and the high cost of home heating is another.

The American Association of Petroleum Geologists has been searching for a solution to the public education about energy issues, and we have concluded that the issues are too large for us to address alone. Our Public Outreach Committee has developed seminars and published materials and worked to find media outlets for information, but our efforts have not been successful in publicizing real information that bears upon the legendary energy issues confronting society.

But we have not given up. I invite you or your representative to meet with our Public Outreach Committee.

Representatives of the Society of Exploration Geophysicists, Geological Society of America, Society of Petroleum Engineers, Society of Petroleum Evaluation Engineers, and American Institute of Professional Geologists attended the meeting.

After extended discussion, the following three items were selected as needed and doable:

- Audit and inventory all the various resources among the sister societies to avoid overlap and duplication.
- Build new materials in collaboration with others.
- Link society Web sites and enhance distribution of materials.

Further discussions centered on gaining simplicity and avoiding fragmentation, so that our efforts jointly inform and advocate. The public needs to know that we as a profession are doing our best to provide them with the energy they need in a most responsible way, that without us, western civilization and the standard of living will decline. They also need to know that we give, we do not take, and that they, the public, are responsible for using our products wisely and without waste.

Things we will do include development of materials including handout wallet cards, linkages between Web sites, and inventory of resources. We will request that our societies develop a joint committee on Public Outreach to staff volunteers and develop materials to accomplish these goals.

I thank all for attending this meeting and joining in the discussions of these important topics. I have enjoyed my three-year tenure as chair of this committee and hope that my successor will continue the work we have initiated. I appreciate all the help that all of you have given the AAPG and me during the course of our work.

Lee Gerhard, Chair

Committee members: Erling A. Brostuen, Charles E. Brown II, Donald D. Clarke, Robert D. Cowdery, Jane R. Crouch, Lee C. Gerhard (chair), Richard G. Green, William F. Lawson, Thomas R. Moore, Donald A. O'Nesky, William D. Pollard, Philip L. Ryall, Donna C. Willette, and Victor J. Yannacone Jr.

Public Outreach (ad hoc)

Committee Responsibilities

The ad hoc Public Outreach Committee is primarily responsible for representing AAPG on energy issues at the National Conference of State Legislatures (NCSL) annual meeting each year. Last year we also presented information to a special meeting of the NCSL that hosted the energy leaders from each state.

2004 NCSL Annual Meeting

The 2004 National Conference of State Legislatures was held in Salt Lake City, July 19–22, 2004. AAPG teamed with the American Institute of Professional Geologists (AIPG), the Association of American State Geologists (AASG), and the Association of Engineering Geologists (AEG) in a display booth as part of the convention exhibition. The four organizations rented and shared a 10' × 15' booth on a corner of the convention floor, but a somewhat smaller number of state legislators and their staffs (estimated 5000–6000) were in attendance at this meeting than in 2003. At least four to five legislative staff members and lobbyists were estimated for every legislator. Clint Moore, treasurer of the AAPG, joined Jim Drahovzal in staffing the booth on behalf of AAPG.

Our booth was attractive and was very well received. Due to its position on a corner, it attracted much attention and provided us with the opportunity to talk to people about U.S. energy issues. We talked with legislators, legislative staffers,

Table 1. National Conference of State Legislatures Budget

	Last Year (\$) (actual and estimated)	This Year (\$) (projected)
Annual NCSL Booth	1009	1300
Annual NCSL Printing	948	550
Annual NCSL Shipping	–	100
Annual NCSL Personnel	923	1200
Annual NCSL Copying	–	100
Annual NCSL Miscellaneous	–	100
Other NCSL Activities	520	650
Total	3400	4000

lobbyists, delegates from various disciplines, legislator family members, and other exhibitors. Our emphasis was on exploration science and its relationship to our nation's energy needs. Our handouts were a flyer entitled "Exploration Science Provides America's Energy," an updated version of the one developed several years ago by Lee Gerhard, and an updated and reprinted version of our "Position Statements" brochure.

All in all, most visitors responded positively to our expressed concerns about U.S. energy issues, and we engaged several legislators in fairly lengthy and deep discussions on some of those issues. Attendance at several of the associated social events provided other venues for discussing energy issues with legislators from various parts of the country. We had several opportunities to do just that at the various parties and other social events that were held during the meeting. In addition to the booth, this year we had planned with the NCSL staff organizers to present a general talk on the exploration industry and national energy issues to the Committee on Energy and Electric Utilities. Skip Hobbs had agreed to make the presentation at this year's meeting, including the timely topic of gasoline prices. In the planning process this spring, our presentation was eliminated by NCSL committee organizers, perhaps for several reasons, but it was apparent that the NCSL committee this year was focused on passing several resolutions, and they were not looking for as much input as they had the previous year. Rather than speak at the annual meeting, the NCSL staff organizers suggested that we present at a special energy-focused conference that was to be held in Denver in the fall (see section on NCSL Energy Leaders Forum).

The cost of the 2004 NCSL meeting to AAPG this year was below the \$4000 budgeted for this event, mainly because we and AIPG, the booth organizer, were most frugal with expenses. Our expenses for the annual meeting were \$2880.

An AAPG Explorer article describing the Salt Lake City NCSL meeting was published in the September 2004 issue under the title, "State Solons Hear AAPG's Message."

NCSL Energy Leaders Forum 2004

As part of our outreach to NCSL, Skip Hobbs presented a talk entitled "High Oil and Gas Prices—Why So? What Can We Do About It?" at the November 17–19 NSCL Energy Leaders Forum 2004 in Denver. His excellent, well-illustrated PowerPoint talk highlighted the contemporary energy issues in the United

States and how we have gotten to this point. His talk was well received by an audience of about 50, including state legislators who represented their state energy regulatory committees, DOE and EPA representatives, various alternative energy consulting groups, energy bankers, and participant speakers from Exxon and BP. The discussions and presentations included long-term supply and demand for conventional and non-conventional energy resources, electric supply, infrastructure, regional cooperation, environmental impact, and alternate energy research. The state legislators were very knowledgeable and interested. The need to promote conservation and alternate energy resources was paramount at the meeting. There was ample opportunity to talk with legislators at the social functions and meals, and Skip felt that it represented an excellent forum for AAPG. Expenses for this meeting were \$520.

Plans for NCSL in 2005

Bill Siok, AIPG Executive Director and overall manager of our joint booth at the annual NCSL meetings, has arranged for a 10' x 20' booth for the 2005 meeting in Seattle, August 16–20. AIPG, AASG, and AEG also will again participate. The American Geological Institute (AGI) may also participate this year. Our cost will remain about the same, that is about \$4000, and AAPG has kindly provided that amount for our activities. The exact nature of this year's program is still being developed and, in part, will depend upon opportunities presented by NCSL. Suggestions include information on drilling technology, why the United States must accommodate increased drilling activity and infrastructure developments, and the importance of conservation and alternative fuel research. We will be asking for booth staffing support from AAPG members, especially those in the Seattle area.

James A. Drahovzal, Vice Chair

Publication Pipeline

The Publication Pipeline Committee's mission is to collect geoscience books and journals from those who no longer need them and then forward these resources to overseas universities and libraries. We execute our mission by collecting most of the material from retired and deceased geoscientists and also downsized company libraries. We inventory, box, and store the books and journals for shipment until a need for them is identified. Then through the assistance of companies with overseas

operations, we send them to overseas universities and other libraries that require these valuable resources.

The mission of the AAPG Publication Pipeline Committee is to improve geoscience education in developing countries by providing used geoscience books and periodicals at no cost to university libraries and other libraries that request them. Because of war or civil unrest, lack of funds, fire, or other natural disasters, many overseas libraries are in dire need of basic library resources for use in higher education and training, which is so important to the continued development of their countries.

As North American geoscientists retire and companies consolidate, many libraries are available for donation or else they will be discarded. The AAPG Publication Pipeline committee collects, inventories, boxes, stores, and sends, free of charge to the recipients, donated geoscience periodicals and books to university libraries and other libraries overseas for use by the students, faculty, and researchers. We raise funds to help in this work. We arrange shipment of publications overseas through help of companies and organizations operating in overseas areas.

Summary of Activities

This committee is dedicated to getting books and periodicals to universities and libraries in need. Our most urgent problems are finding contacts within the universities that need the publications, to work with the AAPG Publication Pipeline in arranging receipt of publications as well as locating companies and or organizations willing to underwrite shipment costs to the recipient countries. We have a large inventory of publications that we need to move to the end users.

Publications Donation and Overseas Distribution

From July 1, 2004 to July 1, 2005 we accepted donations of geoscience publications from 16 individuals and organizations consisting of 230 boxes of publications. For example, we recently received 37 boxes of geoscience publications from ChevronTexaco, material made surplus as a result of their office consolidation in Houston. We now have about 50 pallets of boxes of publications in storage.

Additional donations are now being arranged. Shipment of libraries from outside the Houston–Dallas/Fort Worth area requires special arrangement. We had earlier received a donation of nine pallets of boxes of publications from

ChevronTexaco when they closed a branch company library. These publications came by freight to our new storage area. Once the publications arrived, the contents of each box were inventoried by geoscience students of the University of Houston. These students were arranged for through our committee but paid for by ChevronTexaco. The total donation was 369 boxes, or about 13,000 pounds. This entire donation was ultimately transported by ChevronTexaco to a new university in southern Nigeria.

No other shipments have been made to July 1, 2005 although additional shipments to Afghanistan, Kazakhstan, and Papua New Guinea are currently being arranged. In addition, a major donation to Texas Southern University (who do not have a geology library) is being finalized.

Free Storage Is Filling Up!

Robert Kane, manager for the J. A. Green Intercontinental Cargo Center West, has generously provided free storage for our donated books over this past year. We have the use of two bays in his firm's huge warehouse adjacent to Bush Intercontinental Airport in Houston. This facility provides room to work and store our inventory that is approaching 50 pallets (about 57,000 pounds).

Challenges

Right now our difficulty is in arranging shipments at a pace sufficient to equal our intake of donations. Despite the general desire for publications, making contacts with universities overseas and arranging shipments is a slow process. This process is helped by working with and through our AAPG regional organizations and affiliates. This year special emphasis will be upon getting the word out that there is a real advantage to companies of all kinds to donate shipping to get publications to universities that need them. Donations are not only helpful to the universities, but also to the companies operating in the country or area. The cost is modest, and their generosity is immediately apparent.

Inventory and Web Page

The process of inventorying the contents of boxes of publications is continually underway. This duty is preferably done by the donors, but last year several large donations from estates lacked an inventory, and inventories are usually not available of donations from companies as they consolidate. Individual donations of \$1500 and \$500 have been received to help pay for inventorying of donated material.

Having a complete inventory will allow us to post it on our committee Web page so those desiring donation of publications can see our holdings. A partial inventory of holdings has been put on the Publication Pipeline Web page, which is reached through the AAPG Web site. This list of our holdings can be viewed and downloaded from the Web page.

Updating our Web page and working with the AAPG on its design is a continuing effort.

Finances

The AAPG has provided \$3000 this year for expenses, which is a great help to the committee. Although the Publication Pipeline Committee is an all-volunteer committee, costs are involved in the committee's operation. Both operating budget and endowment donations of money are needed. Some donors have generously paid for shipping of their donations, but we have lost several large donations because shipping cost was too high for retired donors and the committee could not immediately commit to freight shipment. Books are heavy; a shipment to Houston of a couple thousand pounds from either coast can easily cost \$500 to \$1000.

Publication Pipeline committee members take great pleasure in corresponding and meeting with the donors, and experience great satisfaction in getting publications overseas to those who can use them. We are indeed geoscientists helping geoscientists.

Frederick. M. Wall, Chair

Committee members: Rick Wall (new chair), Deborah Adjakaiye, Kunle A. Adesida, David Angstadt, Michael Bryarly (vice chair), Martin M. Cassidy (former chair, treasurer) Chuck Caughey, John S. Dudar, Joe Forrest, Robbie Gries, Catherine Kidd, George Klein (GSA representative), Kehinde Ladipo, Eric Michaelis, Don Van Nieuwenhuis, Nahum Schneidermann, Charlotte Sullivan, Gerrit Wind (secretary), and Pinar Yilmaz.

Publications

The function of the Committee on Publications is to assist the Association's elected editor by identifying, recommending, and procuring outstanding papers for publication in AAPG's special publications and in the Bulletin.

The Publications Committee continues the traditional activities specified in its mission statement by working closely with

Elected Editor Ernie Mancini, Geoscience Director Jim Blankenship, and AAPG headquarters staff to bring timely, valuable publications to the membership. From June 2004 to present, AAPG released 12 special publications. Since June 2004, the committee has reviewed three proposals for special publications, approving all of them.

The committee follows the progress of all publications to ensure that approved projects remain on schedule, and we cull moribund projects. Ongoing contact with authors and editors reduces the potential for tardiness or for interim releases by other publishers to impair the value of AAPG publications.

The committee held a mid-year meeting in Houston on August 27, with 11 members attending in person and 3 phone participants, including AAPG President Pat Gratton. Most of the time was spent discussing ideas for developing new publications:

- "Top Ten" series: Headquarters staff will support editors in requesting permission to reprint papers. The compilation by Michael Sweet, "Getting Started in Deepwater Slope Channels," is the first project to reach this hurdle, and consensus is that we do not want editors battling this learning curve in what we view as a short-term project. Suggestions from the committee included Web-based lists of papers (if we can't work out permissions) and compilations about regional geology (Gulf of Mexico, Permian basin, etc.).
- Hedberg conferences: Jim Handschy, Research Committee chair, reports that planned conferences include gas hydrates (Vancouver) and tight gas sands (Vail). We encourage Hedberg conveners to consider publishing a conference volume.
- Material from companies in the industry: Various companies and government organizations have approached AAPG about publishing their material. AAPG is willing to publish material that meets member needs and AAPG standards.
- Volumes that need updating: Ideas for new or updated volumes include reservoir development, sample examination, well-site geology, and characterizing hydrocarbon shows while drilling.
- Making sure editors and authors understand the job ahead: Bill DeMis's "Helpful Hints to Accidental Editors" was distributed in hard copy and is available in electronic form. For special publications from writers whose native language is not English, the committee suggests recruiting a person fluent

in the native language to serve as co-editor and soliciting the help of English speakers willing to edit for language before the technical review stage.

- Making sure publications are peer reviewed: As always, we need to make sure we do not promise to accept a publication before it has been reviewed. Everything technical published with the AAPG logo is reviewed and approved by the elected editor.
- Raising funds: The Geoscience director, the committee, and compilation editors or authors will work together to raise funds for specific publications. There will be ongoing dialog about this subject with AAPG leadership to avoid repeatedly requesting donations from the same organizations.

Our annual committee meeting in Calgary focused on several key concerns: (1) generating high-quality proposals for special publications, (2) fundraising for special publications, (3) strengths and weaknesses of electronic and print publishing, and how to obtain the right mix.

As usual, the committee welcomes several new members this year and thanks members leaving the committee for their diligence. I thank Bill DeMis for volunteering to help with several demanding projects as continuing vice chairman and for his help securing facilities for the mid-year meeting. I appreciate the efforts of new vice chairs John Lorenz and Terri Olson. Finally, AAPG headquarters staff has diligently maintained continuity throughout organizational changes.

Gretchen Gillis, Chair

Committee members: Stacy Atchley, Paul Catacosinos, Edward Coalson, Russell Davies, William DeMis, Janell Edman, Mel Erskine, Carmen Fraticelli, Dengliang Gao, Donald Gautier, Steven Goolsby, James Granath, Carolyn Green, James Handschy, Barry Katz, John Lorenz, Jerry Lucia, Ernie Mancini, Vernon Moore, Terrilyn Olson, Jack Pashin, Douglas Peters, François Roure, David Sivils, Raymond Sorenson, Russell Stands-Over-Bull, Denise Stone, Michael Sweet, Laird Thompson, Leslie Wood, Qingming Yang, and Pinar Yilmaz. Liaison to the Committee on Committees: Mike Party.

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 students with exposure to research and careers in the petroleum, energy mineral, and environmental 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.

Program Sponsors

The following sponsor the Student Chapter program: Halliburton, student membership fees; SEPM, student fieldtrip co-sponsor; AAPG Foundation, student field trip co-sponsor; ExxonMobil, student reception, \$15,000; Shell Foundation, student presentation awards, \$12,000; Schlumberger, outstanding student chapter awards, \$2000; EnCana O&G (USA), student field trip, \$4000; ConocoPhillips, student field trip, \$2500; Pioneer NRC, student field trip, \$1500; Beicip Inc., student field trip, \$500; Rakhit Consulting Ltd., student field trip, \$500; anonymous, AAPG Bookstore gift certificates to student presenters, \$25 per presenter.

Student Members

The Student membership breakdown (see graphs) as of April 14, 2005 is total members, 4222; total chapters, 137; U.S. chapters, 72; international chapters, 65; and pending active and inactive chapters, 24.

Programs, Awards, and Recipients

- Halliburton sponsored memberships: North America, 902; international, 2031
- Book gift program, \$250 per eligible chapter
- L. Austin Weeks undergraduate grants: \$500 for selected recipient and \$500 for chapter (29 chapters)
- General Store proceeds (Dallas 2004): \$2135, divided between four participating chapters
- 2005 Outstanding Student Chapter: United States, \$1000, Stephen F. Austin University; international, \$1000, Trisakti University, Jakarta, Indonesia
- 1st place 2005 Student oral presentation: \$1000, Anna Jayne Zacharia; \$2000, gift to student's school, University of Manchester
- 2nd place 2005 Student oral presentation: \$500, Stephanie Thomas; \$1000, gift to student's school, University of Nebraska, Lincoln
- 3rd place 2005 Student oral presentation: \$300, Nicholas Huerta;

\$600, gift to student's school, University of California, Davis

- 4th place 2005 Student oral presentation: \$200, D. Nahid Sultana; \$400, gift to student's school, University of Texas, Dallas
- 1st place, 2005 Student poster presentation: \$1000, Hong Tang; \$2000, gift to student's school, Louisiana State University
- 2nd place 2005 Student poster presentation: \$500, Ruth Underdown; \$1000, gift to student's school, University of Manchester
- 3rd place 2005 Student poster presentation: \$300, Cindy Hansen; \$600, gift to student's school, Simon Fraser University

Highlights

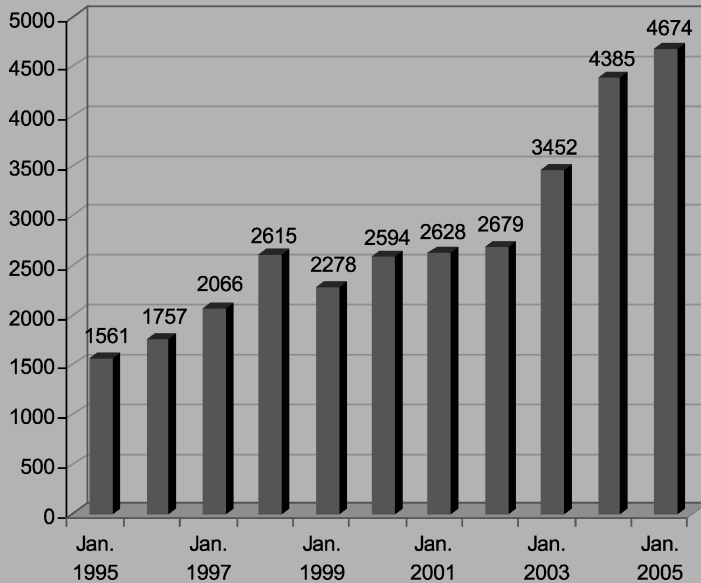
The Student Chapter program continues to show growth with the addition of five chapters over the past year. Thanks to the generosity of Halliburton, 2933 student memberships were sponsored for fiscal year 2004–2005.

Enthusiasm for the Student Chapter program was readily apparent at the AAPG Annual Convention in Calgary. More than 400 students, faculty, and industry representatives attended the student reception, sponsored by ExxonMobil. The annual student field trip was fully subscribed with 33 students attending. This was a post-meeting, two-day tour of structural styles in the foothills of the Canadian Rockies. Student registration for this trip was held to \$50 since generous corporate support covered most travel, food, and lodging expenses.

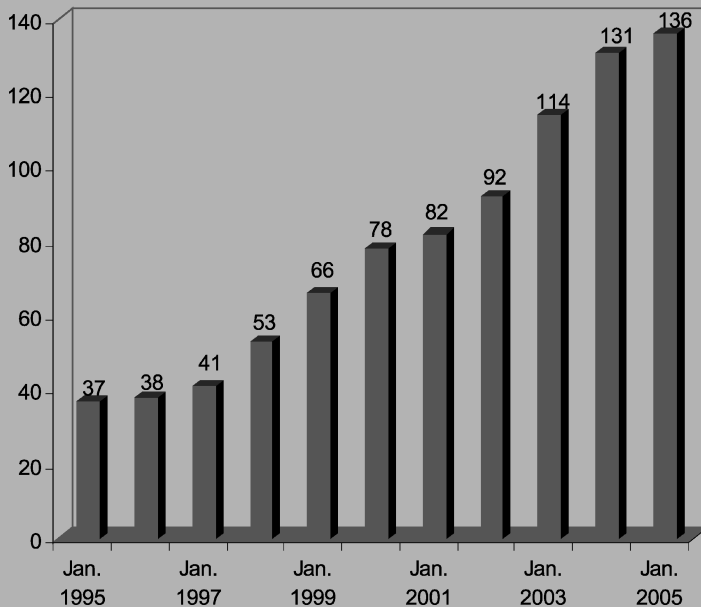
The SCC continues to administer annual programs, while also embarking on a series of initiatives for the 2005–2006 year. These initiatives include the following:

- Evaluation of possible changes in format and judging for the student oral and poster sessions at the annual meetings
- Coordinating programs with other AAPG student-related committees (Academic Liaison, Grants-in-Aid, Student Expo, Visiting Geologists)
- Working with the Visiting Geologists Program to enhance connections with international student chapters
- Design and distribution of a new pamphlet that will detail the benefits available to student chapter members
- Expanding the diversity of the SCC to include a broader spectrum of ages, disciplines and geographic representation

Student Members



Student Chapters



Committee members: Justin B. Bellamy, Ryan D. Christensen, Robert T. Clarke, Gloria D. Cummins, Michael M. Deal, Frank G. Ethridge, William E. Hottman, William S. Houston (chair), Peter MacKenzie, James M. Party, Susan A. Waters, and James V. White.

Student Expo

Four annual student-recruiting events were held last year in Laramie, Wyoming, Norman Oklahoma, Houston, Texas, and Columbus, Ohio. The purpose of these events is to connect geoscience students with potential energy industry employers. The students benefit by presenting their work, networking, and interviewing with multiple employers, and companies enjoy cost-efficient recruiting from a large and diverse group of motivated and talented individuals. The events are particularly important to students who attend universities where energy companies do not actively recruit.

The 7th Annual AAPG/SEG Student Expo was held October 17–18, 2004, in Houston. This expo continues to be a great success and key geoscience student-recruiting event, and was attended by more than 150 students and 18 sponsoring companies. The Expo was held at the Westin Galleria and featured an icebreaker, more than 80 poster displays, 3 field trips, sponsor exhibits, and recruiter interviews. The venue was a participant favorite because of its central location, access to amenities such as entertainment and restaurants, excellent meeting facilities, and great service. A drilling rig tour and coastal trip were back by popular demand, and a trip to Spindletop was added. The budget for the 2004 AAPG/SEG Student Expo was approximately \$20,000, which was paid entirely by corporate sponsors. We are very grateful to our sponsors for their financial support, and more importantly for providing students with employment opportunities. Results from a post-event survey showed that 10–15% of the Student Expo attendees received offers for full-time employment or internships. This is consistent with previous years' results, and we anticipate that increasing demand for future young professionals will bolster the hiring rate in the coming year.

March 10–12, 2005, saw the 5th annual Spring Break Student Expo in Norman, Oklahoma at the Sarkeys Energy Center on the University of Oklahoma campus. The School of Geology and Geophysics hosts this event, and each year it is bigger and better than the one before. This year

- Planning of a combination student field trip/short course for the 2006 Houston meeting

Acknowledgements

The SCC would like to thank individuals and groups that have made invaluable contributions during the past year:

- Peter Hennings (ConocoPhillips) and Deborah Spratt (University of Calgary) for designing and leading an excellent student field trip into the Canadian Rockies, and Bob

Clarke for his continued mastery of field trip logistics.

- SEPM for cosponsoring the student field trip, and the AAPG Foundation for their annual support of the trip.
- Bob Merrill (Samson International) for his input and guidance regarding the student programs at the 2006 Houston meeting.
- Jim Hartman and Martha Lou Broussard for their continued interest in and support of AAPG student programs.

Bill Houston, Chair

168 students from around the country and 21 companies participated. The poster contest, which awards cash prizes to the 1st, 2nd, and 3rd place winners in both geological and geophysical poster categories, drew 68 wonderful posters. Expo once again featured two short courses. Roger Slatt taught "Petroleum Geology of Deepwater (Turbidite) Depositional Systems" and Jamie Rich taught "Computer Graphics for Geophysics." This year's field trip, led by M. Charles Gilbert, took participants to the Wichita Mountains. This year we added 3-D visualization theater demonstrations, tours of the Oklahoma Petroleum Information Center, and a self-guided tour of the amazing Sarkeys Energy Center displays. All meals and refreshments were provided free of charge, and our Friday icebreaker included Latin music and a traditional dance by our own students. In addition to the formal interviews and informal opportunities to visit, we provided a large bulletin board for companies and students to notify each other of their interest.

The second Student Job Quest (SJQ), October 2–4, in the Eastern Section of AAPG was very well received by all of the participants. A total of 27 students attended, and 12 of the students showed posters. AAPG President Pat Gratton welcomed the students telling them they were members of the "Geology Tribe." Three companies had representatives available to talk to students. Many thanks to our sponsors and especially for meeting with more students and for longer than originally scheduled. In the future we hope to add more future employers to our job quest. One new feature this year was a talk by Dan Smith, AAPG past president, entitled "The Search for Energy, A Bright Future for Geologists." At the Eastern Section business meeting the formation of a SJQ organizing committee was approved and this will help tremendously to promote this event. Things that worked well at the SJQ included having the interviews and poster session at different times and tying the event to the Eastern Section meeting. We very much appreciate all who helped to make the Student Job Quest a success.

In 2004 the AAPG/SEG Student Expo organized and sponsored student career sessions at the annual AAPG and SEG meetings. These workshops were aimed at helping students and recent graduates learn employment-securing skills. The sessions featured a short presentation on how to get a job, and then a panel on the environmental sector. The workshops

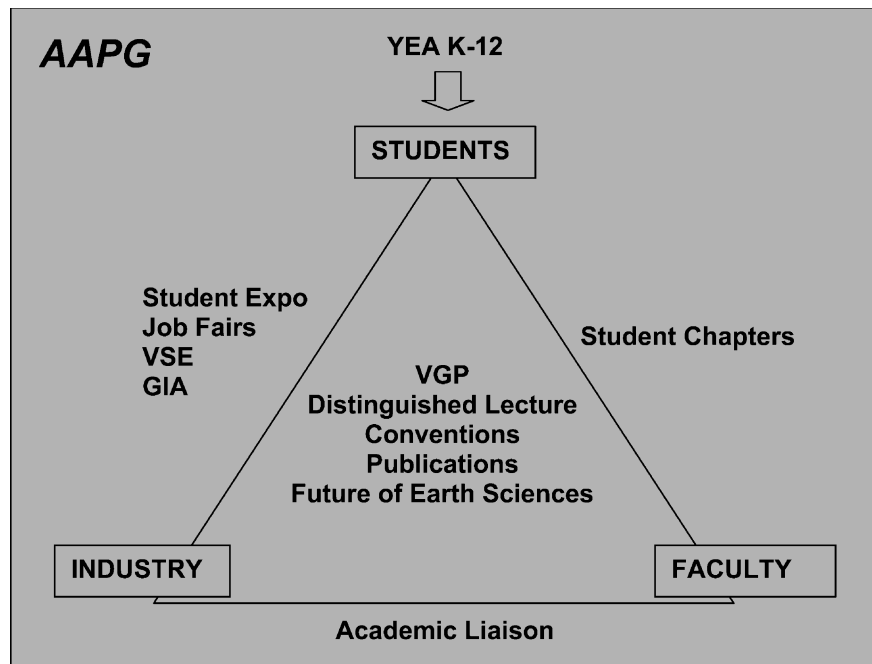


Figure 1. Ternary diagram of the vision of student committee interdependency.

were very well enjoyed by all of the attendees.

Thanks once again to the AAPG, SEG, Rice University, University of Oklahoma, University of Wyoming, our corporate sponsors, and the committee members and volunteers who dedicate their time to helping students find their way into one of the most important industries in our nation and the world.

**Kevin Hae Hae, AAPG/SEG Student Expo
Carol Drayton, Spring Break Student Expo
Katharine Lee Avary, Student Job Quest
Randi Martinsen, Rocky Mountain
Rendezvous**

Committee members: Amanda G. Beardsley, George R. Bole, Deanna C. Borchers, Martha Lou Broussard, Ryan D. Christensen, Michael M. Deal, Timothy Farnham, Tonia Gist, P. Kevin Hae Hae (chair), David M. Hartz, Alison T. Henning, Aaron J. Kullman, Tamalyn Peltier, Joy M. Roth, Julia S. Wellner, and Douglas E. Wyatt Jr.

Student Focus Coordinating (ad hoc)

The Student Focus Coordinating Committee (SFCC) was formed as an ad hoc committee in 2004 to provide a central point of communication between all the committees that reach out to and provide services to students. Pat Gratton

announced the formation of this position in the *AAPG Explorer's* President's Column, August 2005. The standing committees that directly or indirectly reach students include Academic Liaison, Conventions, Distinguished Lecture, Future Earth Sciences, Grants-in-Aid, Publications, Student Chapter, Student Expo/Regional Job Fairs/Virtual Student Expo, Visiting Geologists, and Youth Education Activities (K-12).

Leadership Conference

The chairman of the SFCC, the AAPG staff liaison, and the four student committees whose charters directly affect post K-12 students and academic faculty met at the Leadership Conference, February 2005. These committees and their chairs are Academic Liaison (AL), Steve Laubach; Grants-in-Aid (GIA), Pete Mackenzie; Student Chapter (SC), Bill Houston; Student Expo/Job Fairs/Virtual Student Expo (SE/JF/VSE), Michael Deal; AAPG staff liaison, Michael Mlynek; Student Focus Coordinating Committee (SFCC), Denise Cox.

An informal work session prior to the Leadership presentation, established a functional relationship between the committee chairs and AAPG staff liaison. This small group was instrumental in defining a starting place for all the student-related committees to communicate and define a unified strategy for AAPG to reach academia. The ensuing leadership session provided a diverse forum of AAPG members and affiliated society

members to discuss and clarify the message of the SFCC. The ternary diagram (Figure 1) summarizes the vision of student committee interdependency.

Although numerous dashed lines and reciprocal arrows can be drawn between the committees and the end-member targets, this triangle in its simplest form shows the interdependence of the committees and the central role affiliated committees like the Visiting Geologist Program (VGP) can have in delivering a unified message from AAPG. The intent of the SFCC is to help the core student committees define that message and streamline the programs to achieve that goal.

A fourth dimension inherent to this diagram is all professional societies that support the geosciences, including but not limited to, regional geological societies, American Geophysical Union, American Institute of Professional Geologists, Association for Women Geoscientists, Geological Society of America, Society of Exploration Geophysicists, SEPM, and Society of Petroleum Engineers. The SFCC is sensitive to the need to reach out to, learn from, and coordinate with all the societies that face the same problem of communicating a unified message to students.

As a result of the Leadership Conference the four core student committees have a monthly teleconference. These working conference calls provide update on committee activity, serve as a reminder to accomplish committee tasks, and provide a forum to access help from other committee chairs and their members. In addition, the SFCC provides a central point to request funding that benefits all committees.

Visiting Geologists Program chair, Chuck Caughey, joined the core SFCC group in July 2005. The SFCC will work with VGP to develop a unified message from the core student committees and create a printable e-brochure and PowerPoint slides to communicate a four-point message about AAPG student programs: (1) money for research (GIA), (2) skill sets to prepare for the energy industry (AL, SC), (3) career seminars and job fairs for employment (SE/JF/VSE), and (4) global awareness of the energy industry (VGP/SFCC).

AAPG Annual Convention

The SFCC chair attended as many AAPG student-related committee meetings as scheduling allowed. Meetings attended included Grants-in-Aid, International Regions, Student Chapters, Student Expo/Job Fair, Visiting Geologists, and Youth Education

Activities committee meetings at the AAPG Annual Convention. Common committee themes included (1) outreach from AAPG to academia, (2) intra-AAPG communication, (3) regional/international committee representation, (4) active committee members, and (5) project funding.

In addition to committee meetings, the SFCC chair attended and networked with students in the exhibit hall, at the Student Expo career seminar, and at the student reception. The number one concern of students is jobs; they want to know more about the types of jobs and career options available in the energy industry. The SFCC will work with Student Expo, Regional Job Fairs, and Virtual Student Expo to maximize energy company participation in the AAPG job venues. Also, the SFCC has proposed writing a monthly column for the Student Chapter Newsletter on jobs and career options in the energy industry. A panel discussion on geoscience careers could also be offered as a part of a future career seminar.

The Student Focus Coordinating Committee continues to meet via monthly teleconference to advance AAPG's outreach to students and academia. If you are interested in helping to inspire the next generation of geoscientists, please contact Mike Mlynek at AAPG headquarters.

Denise M. Cox, Chair

Committee members: Charles A. Caughey, Denise M. Cox (chair), Carmen M. Fraticelli, and Douglas S. Moore.

Visiting Geologist Program

The function of the Committee on Visiting Geologists Program is to provide college and university students worldwide a balanced picture of geosciences in the petroleum, energy minerals, and environmental industries; provide information about careers in the geosciences; present a positive image of a geoscience professional; and encourage geoscience career options for young scientists of high caliber. These goals will be achieved through direct student contact during college and university visits by active geoscientists.

The Visiting Geologist Program is an important means to introduce geoscience careers and AAPG

professionalism to college students. Visits by professional geoscientists provide an opportunity for university faculty and administrators to learn about courses and field experiences needed by students need to land jobs in geoscience. Equally important is Visiting Geologist (VG) interaction with students, who learn about career paths and how to prepare for their future in geology and geophysics.

University visits in this important program dropped this year, from 79 in 2003–2004 to only 48 in 2004–2005. This continues an irregular trend downward from a peak of 125 visits in 2001. Former chair Bob Cowdery initiated review to determine causes for this disturbing trend with e-mail correspondence among Visiting Geologists and VGP Committee members. Further discussions were held among AAPG leaders and activists at the AAPG Leadership Conference to facilitate synergies and improve communication and working relationships among the committees dealing primarily with students. As a result, the chair of the VGP Committee is now a member of the Student Focus Committee and participates in regular monthly teleconferences with the leaders of the Grants-in-Aid, Student Expo, Student Chapter, and Academic Liaison committees.

VGP Committee members along with program champions including President Pete Rose, President-Elect Lee Billingsly, and former presidents Pat Gratton and Dan Smith met at the AAPG Annual Convention in Calgary to energize and chart new directions for the Visiting Geologist Program. Chuck Caughey was appointed acting chair for the committee, and John Kaldi and Rebecca Dodge were elected vice chairs by unanimous consent. Discussions highlighted the need to integrate with the AAPG Student Chapter program and to present all facets of AAPG to students, including the various student programs and the AAPG Energy Minerals, Professional Affairs, and Environmental Geoscience divisions. Committee goals for 2005–2006 are to (1) improve the visibility of the program by creating and distributing a colorful and attractive one-page brochure, (2) work with representatives of AAPG affiliated societies and international regions to increase contacts for campus visits in their areas, (3) increase VG visits by recruiting enthusiastic AAPG members to the program and energizing less VGs, (4) broaden VG visits to include major universities in the United States and international areas that have been missed in recent years, (5) compile

visual aids for VGs to use in presenting lectures on geoscience careers and AAPG, and (6) work closely with other student-oriented AAPG committees to coordinate and improve the effectiveness of AAPG student programs.

Also, we discussed having VGs “talk up” the divisions (and their publications), as well as the Student Chapter program. We now have a set of *Environmental Geosciences* back issues that VGs can carry to campuses, and EMD is trying to get back issues of *Natural Resources*

Research to send along as well. I think we need to promote student chapters, job fairs, the book program, the scholarships, etc. much more effectively. We also need to get students interested in the divisions, and the diversity they represent within AAPG, at an early stage. Faculties also don’t know much about the divisions, and they can find unexpected resources there.

Chuck Caughey, Chair

Committee members: Adebayo O. Akinpelu, Charles A. Caughey (chair), Robert D. Cowdery, Patrick J. F. Gratton, Richard G. Green, John R. Hogg, John Kaldi, Peter M. Lloyd, Roger M. Slatt, Stephen M. Testa, and David M. Weinberg.

Reports of the Special Committees and Delegations

American Association for the Advancement of Science

As representative, I attended the 2005 American Association for the Advancement of Science (AAAS) annual meeting, which took place February 17–21 in Washington, D.C. Preceding the business meeting for Section E—Geology and Geography was a session for affiliate representatives that consisted of talks and a discussion about the teaching of creationism and intelligent design in public schools. Discussion among the speakers and the affiliate representatives was lively and educational. One point that was

emphasized was that although the controversy appears to affect the teaching of biology and geology most directly, there could be spillover into the other sciences, and that a solid front of all science disciplines is needed.

The main business taken up by the committee was the gathering of session and symposium ideas for the 2006 annual meeting of the AAAS in St. Louis. These ideas are then taken by the section chairman to all committee sections to hammer out a provisional program for review and approval later in the year. Two of the topics being considered are “Tremors in the Heartland: The Puzzle of Mid-Century Earthquakes” and

“GeoSystems: Ancient Greenhouse Emissions and Hothouse Climates.” Topics that get the most attention must have social value, relevance to a current social issue or recent scientific discovery, and perhaps be connected with the location of the meeting.

It is obvious through the meeting that AAAS is concerned about declining membership. The business meeting concluded with a talk by Ed Roy (Trinity University; American Geological Institute Education Advisory Committee) on the declining number of geoscience degrees being awarded, as well as the disappearance of departments.

Michael E. Hohn, AAPG Representative

Sidney Powers Memorial Award

The Sidney Powers Memorial 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

Honorary Members

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.

*2005 Recipients

Mahmoud Abdul-Baqi, 2003
 John J. Amoruso, 1987
 Albert W. Bally, 1986
 Allan Parnell Bennison, 1999
 Robert R. Berg, 1985
 Richard R. Bloomer, 1987
 George R. Bole, 1999
 Louis C. Bortz, 1988
 Martha Lou Broussard, 2004
 John M. Browning, 1985
 Daniel A. Busch, 1978
 David G. Campbell, 1995
 A. T. "Toby" Carleton, 2000
 Paul A. Catosinos, 2000
 Stewart Chuber, 2004
 Robey H. Clark, 1985
 James M. Coleman, 2002
 Robert D. Cowdery, 1987
 Brenda K. Cunningham, 2001
 Edward K. David, 2005*
 Herbert G. Davis, 1986
 Gerard J. Demaison, 1995
 Wallace de Witt, Jr., 1999
 Thomas W. Dibblee, Jr., 1996
 William L. Fisher, 1990
 Peter T. Flawn, 1983
 Gerald Manfred Friedman, 1990
 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
 August Goldstein, Jr., 1981
 Howard R. Gould, 1979
 Patrick J. F. Gratton, 2002
 Willard R. Green, 1998
 Robbie Rice Gries, 1998
 Walter P. Grün, 2003
 Robert D. Gunn, 1983
 Merrill W. Haas, 1979

Frank W. Harrison, Jr., 1986
 James Austin Hartman, 1992
 John D. Haun, 1984
 Christopher P. M. Heath, 2005*
 William B. Heroy, Jr., 2001
 Melvin J. Hill, 1979
 G. Warfield "Skip" Hobbs, 2005*
 Myron K. Horn, 1997
 James R. Jackson, Jr., 1982
 Robert R. Jordan, 1993
 John R. Kerns, 1993
 Robert E. Klabzuba, 1992
 Susan M. Landon, 2000
 Rufus J. LeBlanc, 1981
 James O. Lewis, 1986
 Robert G. Lindblom, 1999
 John P. Lockridge, 1987
 Charles J. Mankin, 2000
 John A. Masters, 1996
 Robert E. Megill, 1993
 Fred Franke Meissner, 2001
 Daniel F. Merriam, 1996
 Richard F. Meyer, 1987
 Harry A. Miller, Jr., 1985
 Marcus E. Milling, 1998
 Robert M. Mitchum, Jr., 2000
 Raul Mosmann, 2002
 William R. Muehlberger, 1995
 D. Keith Murray, 1988
 Arne R. Nielsen, 1992
 John M. Parker, 1987
 Douglas G. Patchen, 2004
 James A. Peterson, 1996
 M. Dane Picard, 1994
 George B. Pichel, 1991
 Edward B. Picou, Jr., 2002
 Max G. Pitcher, 1994
 Lewis S. (Stan) Pittman, 2001
 Eugene F. "Bud" Reid, 1991
 David G. Roberts, 2001
 Peter R. Rose, 2002
 Edward C. Roy, Jr., 1993
 Nahum Schneidermann, 1994
 John W. Shelton, 1990
 Roger M. Slatt, 2003
 Carl J. Smith, 2001
 Robert M. Sneider, 1994
 Bill St. John, 1988
 Donald Sherwood Stone, 1994
 Paul M. Strunk, 1999
 John A. Taylor, 1982
 M. Ray Thomasson, 2003
 Bernard P. Tissot, 1987
 Don F. Tobin, 1998
 Harrison Lee Townes, 1997
 Marion Orville Turner, 1984
 Peter R. Vail, 1991
 Arthur M. Van Tyne, 1996
 Koenraad Weber, 2004
 Robert J. Weimer, 1982
 James E. Wilson, Jr., 1977

James Lee Wilson, 1987
Larry D. Woodfork, 1990
Donald L. Ziegler, 1986

**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
D. L. Blackstone, Jr., 1990
Leslie Bowling, 1975
Don R. Boyd, 1989
Carl C. Branson, 1973
Jules Braunstein, 1980
George S. Buchanan, 1965
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
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
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
H. B. Fuqua, 1983
John T. Galley, 1980
John E. Galley, 1983
G. C. Gester, 1949

George R. Gibson, 1973
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
Roy T. Hazzard, 1959
John C. Hazzard, 1973
Kenneth C. Heald, 1957
Hollis D. Hedberg, 1967
Thomas A. Hendricks, 1971
William B. Heroy, 1957
Mason L. Hill, 1966
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 Hubbard, 1974
J. P. D. Hull, 1951
George S. Hume, 1954
V. C. Illing, 1960
H. R. Johnson, 1953
Percy E. (Peter) Kent, 1976
John E. Kilkenny, 1972
Robert E. King, 1970
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
M. M. Leighton, 1950
A. I. Levorsen, 1957
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
Maurice G. Mehl, 1961
Lee Hillard Meltzer, 1983
W. C. Mendenhall, 1935
Willis G. Meyer, 1984
Ralph LeRoy Miller, 1988
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
Harold T. Morley, 1968
Grover E. Murray, 1970
Jerry Bowers Newby, 1967
Gordon B. Oakeshott, 1981
W. W. Orcutt, 1926
Ezequiel Ordóñez, 1935
Edgar W. Owen, 1960
Ben H. Parker, 1966
Thomas Hughes Philpott, 1993
Wallace E. Pratt, 1957
R. D. Reed, 1939
John L. Rich, 1954
John T. Rouse, 1971
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
William C. Spooner, 1958
Hans Stille, 1937
J. A. Taff, 1934
Charles H. Taylor, 1961
W. Taylor Thom, Jr., 1958
Arthur C. Trowbridge, 1980
Daniel Trumpy, 1964
Edd R. Turner, 1982
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
W. G. Woolnough, 1941
W. E. Wrather, 1943

**Michel T. Halbouty
Memorial Human
Needs Award**

The Michel T. Halbouty Human Needs Award is given each year by the Association as an exceptionally high honor to an individual for the most 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

Outstanding Explorer Award

The Outstanding Explorer Award 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

Grover E. Murray Memorial Distinguished Educator Award

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

1995 – James Lee Wilson
 1996 – Gerald M. Friedman
 L.L. Sloss
 Robert J. Weimer

1997 – George B. Asquith
 Robert Louis Folk
 Harold G. Reading
 1998 – Gerard V. Middleton
 Lloyd C. Pray
 1999 – D. L. Blackstone, Jr.
 Peter R. Vail
 Roger G. Walker
 2000 – Robert R. Berg
 John D. Haun
 Ernest A. Mancini
 2001 – John W. Harbaugh
 Clyde H. Moore
 Charles R. Stelck
 2002 – Zuhair Al-Shaieb
 William R. Muehlberger
 Paul E. Potter
 2003 – Albert V. Carozzi
 Frank G. Ethridge
 2004 – Knut O. Bjorlykke
 William E. Galloway
 Andrew D. Miall
 Edward C. Roy, Jr.
 2005 – Aureal T. Cross
 Fred Franke Meissner
 Paul Weimer

Special Awards

Special Awards are given when, in the Executive Committee's judgment, persons are deserving of recognition for some outstanding accomplishment which does not otherwise qualify for existing honors or awards.

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)

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

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

Distinguished Service Award

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

1971 – August Goldstein, Jr.
 1972 – Howard R. Gould
 1973 – John D. Haun
 Leslie Bowling
 1974 – John T. Galey
 1975 – Jules Braunstein
 Robert J. Weimer
 1976 – James R. Jackson, Jr.
 1977 – George V. Cohee
 Samuel P. Ellison, Jr.
 1978 – Robert H. Dott, Sr.
 Frank Gouin
 1979 – George Copernicus Grow, Jr.
 Thomas C. Hiestand
 John C. Maher
 1980 – John E. Galley
 John W. Shelton
 1981 – Bernold M. Hanson
 Frank E. Kottlowski
 Ralph L. Miller
 Marion Orville Turner
 1982 – Donald W. Axford
 Garth W. Caylor
 William L. Fisher
 Herbert G. Davis
 Robert L. Fuchs
 Robert J. Gutru
 Richard F. Meyer
 1983 – Don R. Boyd
 Fred A. Dix, Jr.
 James O. Lewis
 D. Keith Murray
 George B. Pichel
 Donald L. Ziegler
 1984 – Dudley Harold Cardwell
 Robert H. Dott, Jr.
 John P. Lockridge
 Eric A. Rudd
 Grant Steele
 1985 – Thomas D. Barber
 Norman H. Foster
 George S. Galbraith
 James A. Hartman
 James S. MacDonald
 William R. Moran
 Anthony Reso
 1986 – Allan P. Bennisson
 Louis C. Bortz
 Charles F. Dodge III

Myron K. Horn
 Roscoe E. Shutt
 1987 – A. T. (Toby) Carleton
 James A. Gibbs
 John W. Harbaugh
 Daniel F. Merriam
 Bill St. John
 Larry D. Woodfork
 1988 – James M. Forgotson, Jr.
 Gerald Manfred Friedman
 Robert R. Johnston
 Robert R. Jordan
 John R. Kerns
 Jack P. Martin
 John A. Masters
 1989 – George R. Bole
 Martha Lou Broussard
 Clemont H. Bruce
 David G. Campbell
 Lee C. Gerhard
 Scott J. Lysinger
 William H. Matthews III
 1990 – James A. Helwig
 Michael E. (Mike) Hriskevich
 Lewis S. (Stan) Pittman
 William H. Roberts III
 Edward C. Roy, Jr.
 Nahum Schneidermann
 Richard Steinmetz
 1991 – Dudley W. Bolyard
 Robbie Rice Gries
 George C. Hardin, Jr.
 Jerome J. C. Ingels
 Edward D. Pittman
 Robert M. Sneider
 Don F. Tobin
 1992 – Edward A. Beaumont
 Steven H. Harris
 Christopher P. M. Heath
 Robert G. Lindblom
 James A. Peterson
 1993 – Paul A. Catacosinos
 John C. (Jack) Dunlap
 Gay L. Harmann Larré
 Hugh M. Looney
 George D. Severson
 Paul M. Strunk
 Thomas L. Wright
 1994 – Susan Longacre
 Edward McFarlan, Jr.
 James P. Rogers
 John D. Sistrunk, Jr.
 Carl J. Smith
 Arthur M. Van Tyne
 1995 – Richard S. Bishop
 Brenda K. Cunningham
 Edward K. David
 Samuel Arthur Friedman
 Susan M. Landon
 Charles R. (Chuck) Noll
 M. Ray Thomasson
 1996 – Ashton F. Embry
 George Eynon
 Jeffrey C. Greenawalt
 Gary E. Henry
 Gustavas Warfield Hobbs IV

Peter R. Rose
 Roger M. Slatt
 1997 – Lee T. Billingsley
 Stewart Chuber
 Terry L. Hollrah
 Susan M. Morrice
 Dan L. Smith
 Anthony Tankard
 1998 – Kevin T. Biddle
 Patrick J. F. Gratton
 C. Dennis Irwin, Jr.
 David A. L. Jenkins
 Brian D. Keith
 Hans H. Krause
 F. Pierce Pratt
 1999 – Ed W. Heath
 James A. Noel
 Roy D. Nurmi
 Douglas Gene Patchen
 Edward B. Picou, Jr.
 Stephen A. Sonnenberg
 2000 – Edward D. Dolly
 J. Michael Party
 Robert T. Sellars, Jr.
 Robert C. Shoup
 Pinar Oya Yilmaz
 2001 – Elizabeth B. Campen
 Chuck Caughey
 Ian Derek Collins
 Robert L. Countryman
 Ben D. Hare
 Jean R. Lemmon
 Tom Mairs
 Wolfgang E. Schollnberger
 2002 – Thomas S. Ahlbrandt
 Jeffrey Aldrich
 Donald D. Clarke
 John R. Hogg
 2003 – Norbert E. Cygan
 Donald W. Lewis
 Steven L. Veal
 Paul Weimer
 2004 – Royce P. Carr
 Pete G. Gray
 Jeanne E. Harris
 Barry J. Katz
 Lowell K. Lischer
 Deborah K. Sacrey
 2005 – Adebaya Akinpelu
 Thomas C. Chidsey, Jr.
 Thomas E. Ewing
 Richard G. Green
 Gerald E. Harrington
 R. Randy Roy
 Charles Alan Sternbach
 Jack C. Threet
 Scott W. Tinker

Wallace E. Pratt Memorial Award

The Wallace E. Pratt Memorial Award (formerly a category of the President's Award) is to honor and reward the

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

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

Robert H. Dott, Sr., Memorial Award

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

1945 – William E. Wallace
 1946 – Horace G. Richards
 1947 – Robert F. Walters

1948 – L. L. Sloss
 W. M. Laird
 1949 – Sherman A. Wengerd
 1950 – F. M. Swain
 Frank Reedy, Jr.
 1951 – Walter B. Spangler
 Jahn J. Peterson
 1952 – Raymond Siever
 1953 – Donald F. Towse
 1954 – Charles C. Bates
 1955 – Paul V. Smith, Jr.
 1956 – J. Law
 Robert H. Dott, Jr.
 1957 – Robert H. Parker
 1958 – John C. Ludwick
 William R. Walton
 1959 – John M. Andrichuk
 1960 – Robert L. Folk
 1961 – Richard W. Fetzner
 1962 – J. G. C. M. Fuller
 1963 – P. G. Temple
 L. J. Perry
 1964 – James M. Forgotson, Jr.
 1965 – Harry V. Spooner, Jr.
 1966 – Dietrich H. Welte
 1967 – No Recipient
 1968 – Ghansham D. Sharma
 1969 – Leo F. LaPorte
 1970 – Ernst Cloos
 1971 – Peter Lehner
 1972 – Hollis D. Hedberg
 1973 – Mason L. Hill
 1974 – Rufus J. LeBlanc
 1975 – Ronald E. Wilcox
 Tod P. Harding
 Donald R. "Don" Seely
 1976 – Daniel A. Busch
 1977 – Edgar W. Owen
 1978 – Tod P. Harding
 1979 – Robert M. Mitchum, Jr.
 Peter R. Vail
 John B. Sangree
 1980 – *Bulletin*
 Brian D. Evamy
 Jean Haremboure
 Peter Kamerling
 William A. Knapp
 Felix A. Molloy
 Paul H. Rowlands
Special Publication
 Peter A. Scholle
 1981 – *Bulletin*
 Michael A. Arthur
 Seymour O. Schlanger
Special Publication
 Peter A. Scholle
 1982 – *Special Publication*
 Robert J. Cordell
 William H. Roberts, III
 1983 – Michel T. Halbouty
 1984 – George B. Asquith
 1985 – Albert W. Bally
 1986 – Gerard Demaison
 Roelof J. Murriss
 1987 – Orville Roger Berg
 Donald G. Woolverton

- 1988 – James A. Peterson
- 1989 – Albert W. Bally
- 1990 – Peter A. Ziegler
- 1991 – Anthony J. Tankard
Hugh R. Balkwill
- 1992 – John C. Van Wagoner
Robert M. Mitchum, Jr.
Kirt M. 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

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

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

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

Journalism Award

The Journalism Award is given to any suitable person in recognition of notable journalistic achievement in communications by any medium that contributes to public understanding of geology and the technology of oil and gas exploration. The award is a walnut plaque bearing the words, “For notable journalistic achievement in communications contributing to public understanding of geology.” 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 Chronich
- 2005 – Bill Bryson

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. Uphaw**
- 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 Corcone**
- 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

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

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**

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 Cervený
 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

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

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

Distinguished Achievement Award

The Distinguished Achievement Award is presented at International Meetings to members who have distinguished themselves through service and devotion to the science and profession of petroleum geology.

- 1992 – Eric A. Rudd
- 1993 – James (Jim) Brooks
Aníbal R. Martínez
Koenraad J. Weber
- 1994 – Li Desheng
- 1995 – Bernard C. Duval
Alain Perrodon
Roelof J. Murriss
- 1996 – Roberto A. Leigh
Claus Heinrich Graf
- 1997 – John R. V. Brooks
- 1998 – Hans H. Krause
Marcio Rocha Mello
- 1999 – Wolfgang Schlager
- 2000 – Walter P. Grün

Special Commendation Award

The Special Commendation Award is presented at International Meetings to members who have distinguished themselves in singular and beneficial long-term service to the profession.

- 1992 – Phillip E. Playford
- 1993 – Mateu Esteban
Lucien Montadert
Wolfgang Schlager
- 1994 – Charles S. Hutchison
Murray Johnstone
G.A.S. Nayoan
Khalid Ngah
R. Prajatna Koesoemadinata
- 1995 – Kenneth Jinghwa Hsü
David A. L. Jenkins
A. John Martin
Peter A. Ziegler
- 1996 – Maria A. Lorente
Carlos Maria Urien
Rafael Sanchez-Montes de Oca
Pablo Cruz-Helu
- 1997 – John George Kaldi
Frank Horvath
David G. Roberts
Emiliano Mutti
Walter P. Grün
- 1998 – Paul Mosmann
Edward G. Purdy
Celso Fernando Lucchesi
- 1999 – Richard Hardman
Jean Dercourt
Abdulla A. Al-Naim
- 2000 – Peter Lloyd
Dietrich Welte

Ziad Beydoun Memorial Award

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

- 1991 – A. Ewan Campbell
Jan Stafleu
- 1992 – John M. Armentrout
Lei-KuangLeu
Jorge J. Faz
- 1993 – Richard Wrigley
- 1994 – Zainuddin Yusoff
- 1995 – Claude Guyot
Andre Coajou
A. Ribeiro
- 1996 – Leon J. Aden
Robert E. Bierley
- 1997 – Rémi Eschard
Olivier Lerat
Didier Granjeon
Brigitte Doligez
Guy Desaubliaux
François Lafont
- 1998 – Stanley T. Paxton
Gary C. Stone
Barbara L. Faulkner
- 1999 – Joseph M. Finneran
Yatindranath Keith Bally
- 2000 – Richard Hillis

2001 – No Recipient
2002 – Philip D. Heppard
Daniel Ebrom
Michael Mueller
Leon Thomsen
Toby Harrold
2003 – Tore M. Loseth
Ole J. Martinsen
Jan C. Rivenaes
Kristian Soegaard
John Thurmond
2004 – Richard H. Fillon
Harry H. Roberts

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

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 Phillipow
2005 – Marilyn Bachman

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	Clemon 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

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
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

*Deceased

Term	Treasurer	Editor	Chairman, House of Delegates
1995-96	Lee T. Billingsley	Kevin T. Biddle	Thomas Ahlbrandt
1996-97	Steven L. Veal	Kevin T. Biddle	Patrick J. F. Grattton
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 E. Mancini	Valary L. Schulz
2005-06	Dwight "Clint" Moore	Ernest E. Mancini	Don D. Clarke

*Deceased

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
2004-05	Brian J. Cardott	Elizabeth B. Campen	Peter Warwick	Samuel H. Limerick	Michael A. Wiley
2005-06	Peter Warwick	Creties Jenkins	William A. Aubrose	Samuel H. Limerick	K. David Newell

*Deceased

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*

Term	President	Vice President	Secretary -Treasurer
1971-72	James O. Lewis, Jr.	John D. Sistrunk, Jr.	Bernold M. Hanson*
1972-73	Ray C. Lewis	George C. Grow, Jr.*	Karl E. Becker
1973-74	Ray C. Lewis	George C. Grow, Jr.	Karl E. Becker
1974-75	Don E. Lawson	Karl E. Becker	Frank C. Crawford
1975-76	Don E. Lawson	Karl E. Becker	Frank C. Crawford
1976-77	Lee H. Meltzer*	Frank L. Constant	Arthur L. Trowbridge
1977-78	Lee H. Meltzer	Frank L. Constant	Arthur L. 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. Sabate'
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

*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. Rol	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

*Deceased

Annual Convention Locations and General Chairmen

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

International Conference Locations and General Chairmen

Year	City	General Chairman	Year	City	General Chairman
1984	Geneva, Switzerland	P.W.J. Wood	1997	Vienna, Austria	Walter P. Grün
1988	Nice, France	James A. Helwig	1998	Rio de Janeiro, Brazil	Joel Mendes Rennó
1991	London, England	A.J. Martin	1999	Birmingham, England	R. F. P. Hardman
1992	Sydney, Australia	Murray H. Johnstone	2000	Bali, Indonesia	Gatot K. Wiroyudo
1993	Caracas, Venezuela	Juan Chacin	2002	Cairo, Egypt	Mostafa El Ayouty
	The Hague, Netherlands	Roelof J. Murriss	2003	Barcelona, Spain	Jorge Ferrer Modolell
1994	Kuala Lumpur, Malaysia	Khalid Ngah	2004	Cancun, Mexico	Alfredo E. Guzmán
1995	Nice, France	Lucien Montadert	2005	Paris, France	Jean-Marie Masset
1996	Caracas, Venezuela	José P. Dominguez	2006	Perth, Australia	Agu Kantsler

2005 Fifty-Year Members

List is not comprehensive. It includes only those who attained 50-year membership in 2005.

Charles Woodrow Achauer
Henry James Adams
Russell James Alexander
Eugene Leroy Ames, Jr.
Henry Sherman Anderson
George A. Angle
Harold Edward Antle
Cleston Lee Armstrong
Teddy Ray Ashford
Albert Walter Bally
Kermit Marc Bandt
Earnest Jack Barnes
Bruce Moody Barron
Jane Atkinson Baucum
William Earl Bauer
Edward Scudder Belt
Victor E. Benavides-Caceres
James Milton Bibee
James Richard Biddick
Ralph Biel
Roger Lewis Billings
Eugene William Borden
Robert Bruce Bower
William Elmer Bridges
D. Robert Brogdon
Joseph Edwin Brown
Robert McGehee Brown, Jr.
Richard Joseph Burgess
William Melville Burnett
Robert M. Byington
Gerald L. Carpenter
Jack Remo Century
Alejandro Chalco
Bruce Orrin Chalker
William Jack Chamblin
Maynard G. Christenson
John L. Clanton
Harris G. Clarke, Jr.
James Dennis Clay, Jr.
John Anton Comet
Clarence Frederick Conrad
James D. Copen
Simon Cordova
William Laird Craig
Athol I. Craver
Aureal T. Cross
Henry L. Cullins, Jr.
William Glenn Culver
Robert McClure Danos
Harris Palmer Darcy
Robert Julian Deacon
Henry C. Dean, Jr.
John Henry Dekker
Myron Grady Dickson
John Harding Dolloff
John J. Donohue, II
Gene Carroll Doty

Dennis Adolph Drake
Robert Vernell Drummond
Ralph Charles Duchin
Paul H. Dudley, Jr.
Ralph W. Edie
John David Edwards
Theodore W. Ehring
Don L. Eicher
James Halverson Elison
Evard Pitts Ellison
Eric Kenneth Ericson
Stanford Eschner
Billy George Evanoff
Richard Leon Evans
Samuel Raynes Evans
James L. Eymann
Philip Galbraith Fairlie
Leo F. Fay
Louis McKee Ford
Russell James Ford
Bruce Wendell Fox
William Michner Frew
Ernest L. Fundingsland, Jr.
Frank Kendall Gibbs
Robert Nathan Ginsburg
Willard Francis Glover
Paul Francis Godowic
Jefferson B. Goldman, Jr.
Karl Leroy Goodall
George Houston Gore
A. T. Green, Jr.
Marvin C. Gross
Jack Grynberg
Jack Edwin Hackler
Edward Haddad
Robert Thornbury Halpin
James Herman Hamilton
Paul Francis Hamlin
Howard Allen Hampstead
Max Garland Hare
John Conrad Harms
Harold Duane Harris
Richard David Hart
John Arthur Hawkinson
Chester Junior Henderson
Charles Warren Henslee
Robert Royce Hillery
Harry Eugene Hinman, Jr.
William Hugh Hintze
F. Judson Hipps
Jack Lightner Hitt
Charles Roderick B. Hobbs
Alvin E. M. Hoffman
Carlton Wayne Hornbeck
Charles Ray Horne
Richard Kenneth Hose
Cortez W. Hoskins
Leonard Weldon Howard
Orvie Leon Howell
Theodore Joseph Hoz
Alexander Joseph Hruby

William R. Humphrey
Hollie F. Irvin, Jr.
James Robert Jackson
Arnold Harvey Jennings
Donald Everhart Johnson
James Franklin H. Johnson
Robert William Jones
Clinton Wiley Josey, Jr.
Andrew Charles Jurasin
Stan Adam Kanik
Harold Eugene Kellogg
John Martin Kelly
Thomas Eugene Kelly, Jr.
James William Kendall
William Douglas Kendall, Jr.
Reginald Chaves Keyes
John Charles Kinard
Howard George Kinzey
David Crie Kisling
Augustus Smith Knight, Jr.
William Roger Larsen
Thomas Cornell Larson
Edwin Dean Britt Laudeman
Morris W. Leighton
Ross Henry Lessentine
Henry Cestero Libby
Roland D. Liberda
Dorington George Little
Lester Eugene Ludwick
Robert William Luker
James Smith MacDonald
Donald Wardrope MacLean
Charles Richard Maise
Donald Joseph Malone
Thomas R. Marshall, Jr.
Marvin Ray Massey
Roy David Mathews
Roger Allen Matuszczak
Paul Russell May
Billie Joe McAlpine
Robert Ramsey McConnell
Robert Keith McCormack
James Ronald McIntyre
Charles A. McLarty, Jr.
Elmer Gerald Meldahl
Max G. Merrill
Clyde Herbert Moore, Jr.
John Byron Moore, Jr.
Sidney Stuart Moran
Floyd Chase Moulton
Robert Edward Murphy, Jr.
Raymond H. Nicholas
Charles R. Noll, Jr.
Russell Howard Nordwell
Edward O'Bertos
Margaret O. Oros
Robert Earl Ostrander
Donald William Paape
Marshall Clay Parsons
Elisha A. Paschal, Jr.
Eugene Murrell Peeples, III

David Robnett Pefley
J. Hunt Perkins
Edward Beauregard Picou, Jr.
James Lovick Pierce III
William Gene Pittman
Lowell B. Plock
Donald Rue Posey
Gordon Sandy Prather
Samuel Fletcher Pratt, Jr.
Robert Donald Price
Frank Ide Pritchett, Jr.
Craig C. Ramsey
Robert Lee Rayl
Paul Cletus Raymond
Donald Frederick Reaser
Lavern Edward Redman
Ernest W. Rennie, Jr.
Charles Bryan Reynolds
Armando Tunon Ricci, Jr.
Jess Perry Roach
Roy Eldon Roadifer
A. Kirk Roberts
Bobby Brick Robinson
Robert Bradley Robinson
Peter Ulisse Rodda
James Adrian Rowell, Jr.
David N. Schell
John Edwin Scherer

Harry S. Schimmel
Stanley Fred Schindler
Jack Russell Schmid
Paul Eugene Schnurr
Norman West Schultz
Theodore Scott
Winston G. Sexton
Patrick Joseph Shannon
Seymour Lytton Sharps
Bernard Douglas Sheffer
Charles Glen Shortridge
Charles William Siller
Coyle Edward Singletary
David Allen Six
James Edward Slosson
Dennis F. Smith
Edwin Lee Smith
Harry Lee Smith
Glenwood Walter Specht
Gary Louis Spraul
Bevian C. St. Martin, Jr.
Anthony Trabue Statler
Karl Walter Stauffer
Roger Whitney Stoneburner
John Lee Stout
Robert Sutter
Norman Eugene Swick
Derek Bruce Tatlock

Nicholas William Taylor
Robert Allan Teitsworth
Orlyn Lee Terry
Patrick Powers Thomas
M. Ray Thomasson
Willis Woodbury Tyrrell, Jr.
Robert Norman Van Horn
Richard Howard Vaughan
James Wesley Vernon
Porter La Roy Versfelt, Jr.
Jack Cooper Wallace
John Joseph Weber
Joseph Leonard Weitz
Stewart William Welch
Raymond J. Welder, Jr.
Wilford Jones Wells
Percy Jeff Wheeler, Jr.
Harry Davis Whitner
Bob Andrew Whitney
James W. Wiggins
Darol James Wigham
Robert Ralph Willhour
Weldon Otto Winsauer
William Wolodarsky
Roy Alan Worrell
George Richard Wulf
Leonard A. Zaseybida
Donald Lowell Ziegler

AAPG Constitution and Bylaws

Constitution

As amended August 29, 2003.

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 six (6) 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. BYLAWS

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

ARTICLE VIII. AMENDMENTS

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

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

SECTION 2. Proposal of Amendments

Such amendments may be proposed by the following:

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

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

SECTION 3. Legality of Amendments

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

SECTION 4. Publication of Amendments

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

SECTION 5. Voting on Amendments

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

Bylaws

As amended June 19, 2005

ARTICLE I. MEMBERSHIP

SECTION 1. Membership

Membership in this Association shall consist of the following classifications:

- (a) Active Members
- (b) Emeritus Members

- (c) Honorary Members
- (d) Students
- (e) Associates

SECTION 2. Definition of Term "Member"

Unless otherwise expressly provided in these Bylaws, the term "member" shall refer only to Active, Emeritus, and Honorary Members. Only members may hold office, vote in Association affairs, sponsor membership applications, or refer to themselves as members of the Association.

SECTION 3. Active Members

Any person engaged in the practice or teaching of geology may apply for Active membership, provided the applicant holds a Bachelor's, Master's, or Doctor's Degree in geological science from a college of acceptable academic standards and, in addition, has had three (3) years of experience in the practice or teaching of geology. Credit for experience can be counted as follows: Master's Degree—one (1) year; Doctor's Degree—two (2) years. The Executive Committee may waive degree or current professional activity requirements if in its judgement an applicant has adequate professional experience and has attained standing in the profession.

SECTION 4. Emeritus Members

When Active 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 become Emeritus Members of this Association upon advising the Executive Director of the Association of their sixty-fifth (65th) birthday, and by requesting such classification of membership. Thereafter the emeriti members shall pay fifty percent (50%) of the amount of dues for Active Members and shall be entitled to all privileges and advantages of Active membership in this Association.

SECTION 5. Honorary Members

Honorary Members shall be those Active Members of this Association who shall have contributed distinguished service to the cause of petroleum geology. Such determination shall be made by the Executive Committee. A recipient of the Sidney Powers Memorial Medal Award shall become automatically an Honorary Member. Honorary Members shall not be required to pay dues, but shall have all the privileges and advantages of Active membership 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 upon 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 geology, 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 an Active 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. 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 Active 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 an Active 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 reason 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
- (c) President-Elect
- (d) Secretary
- (e) Treasurer
- (f) 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 chairman of the Executive Committee.

SECTION 3. Vice President

The Vice President shall perform the duties of the President in the absence or inability of the President to serve. The Vice President 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.

SECTION 4. 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 5. 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 6. 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 7. 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 8. 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 9. Terms of Office

(a) The President, Vice President, and President-Elect, each as such, shall serve a one (1)-year term and shall not succeed themselves in office. The 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 10. 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 offices of Vice President and President-Elect, biennially recommend two (2) or more candidates each for offices of 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 offices of Vice President and President-Elect, biennially approve two (2) candidates each for the offices of 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. 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 plurality 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 11. Vacancies

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 10, subsection (b), of these Bylaws. Should the unsuccessful candidate or candidates be unwilling or unable to fill such vacancy, the Executive Committee shall fill such vacancy.

A vacancy occurring in the office of President-Elect or Vice President 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, and other suitable means.

SECTION 12. 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 13. 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;
- Association President-Elect;
- Association Secretary;
- Association Treasurer;
- Association Editor;
- Chairman, House of Delegates;
- Chairman-Elect, House of Delegates;
- Secretary-Editor, House of Delegates;
- Immediate Past Chairman, 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 13(a) above.

SECTION 14. Limitations on Nomination and Honors and Awards

(a) Members serving as any of the officers described in Article II of these Bylaws, as officers of the House of Delegates, or on the Advisory Council shall not be eligible to be nominated for any of the offices described in Article II of these Bylaws or selected for an honor or award by the body on or in which they serve, except for the House of Delegates' Recognition of Service Award.

(b) Candidates for the offices described in Article II of these Bylaws, for officers of the House of Delegates, for members of the AAPG Advisory Council representing United States Sections or International Regions, or for president of any Technical Division may not be selected to receive any honor or award by any of those bodies during the period of their candidacy, unless the honor or award has been announced prior to the announcement of their candidacy.

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
- (c) President-Elect
- (d) Secretary
- (e) Treasurer
- (f) Editor
- (g) Chairman, 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. 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-chairman 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 committeemen 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 Chairman, a Chairman-Elect and a Secretary/Editor. The House of Delegates shall elect the Chairman-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 Chairman-Elect shall assume the office of Chairman of the House of Delegates the year following his or her term of office as Chairman-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 Chairman 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 Chairman shall be filled by the Chairman-Elect who shall, in the event such vacancy occurs prior to the annual meeting of the House of Delegates during such Chairman-Elect's term of office remain as Chairman during the succeeding year. A vacancy occurring in the office of Chairman-Elect shall be filled by the Secretary/Editor. A vacancy occurring in the office of Secretary/Editor shall be filled by appointment by the Chairman.

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 and also honors and awards, with the exception of the Matson Award and the Jules Braunstein Memorial Award. 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, which may be established by the Executive Committee with the exception of the Matson Award, and the Jules Braunstein Memorial Award.

SECTION 7. Additional Duties

The Advisory Council shall be charged with reviewing relationships among the Association, Sections, 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 chairman 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 Chairman. 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 Chairman 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 Chairman 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 Chairman 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 members, 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;

as constituted on January 1, 1999.

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 Executive Committee shall prior to August 1, 1999, assign countries to each International Region and shall designate an interim president of each International Region

who shall coordinate the initial election of officers, Delegates to the House of Delegates, and a member or members of the Advisory Council (if the Region qualifies for such member or members).

Subsequent to August 1, 1999, 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 chairmen, vice-chairmen, and committee members shall be published annually. 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 chairmen, vice chairmen and other committee members 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 chairman, vice chairman, or other member 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 chairmen and vice-chairmen shall be for one (1) year beginning July 1. Members of standing committees (other than chairmen and vice chairmen) shall serve in rotating terms. One-third (1/3) of the members of each standing committee (other than the chairman and vice chairman), unless otherwise provided, shall be appointed each year. No chairman of a standing committee may serve as such for more than three consecutive years. Each chairman and vice chairman 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 chairmen.

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 Chairman 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 Chairman 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 Chairman 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 Chairman 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 Chairman 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 who pleads guilty to a misdemeanor involving moral turpitude or to any felony or who admits to the violation of any governmental statute, regulation, rule, or code of ethics relating to the practice of geology 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 expulsion of a member so pleading guilty or so admitting violation or 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 a copy of a court document or other official document indicating such plea of guilty or admission of violation or a copy of the judgment or other document indicating such conviction or finding, a copy of any applicable order of an appellate court or other appellate body, 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, 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 or testimony of witnesses are presented, shall consider said statements 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 Active Member, 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:

Active—Up to \$125

Emeritus—Up to \$62.50

Honorary—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) That students who join while undergraduates will be reclassified as Associates upon termination of academic enrollment or upon commencement of full-time professional employment or practice.

(d) An Associate who has completed the degree requirements, but not the experience requirements, for Active membership shall pay one-half of the regular Active membership dues for not more than four (4) years while not having satisfied such experience requirements and shall pay regular Associate dues thereafter while an Associate.

(e) That the annual change in dues for Active Members 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 Active Member, Emeritus Member, 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 Chairman 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 Chairman 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 Chairman 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 Chairman 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 Chairman 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 Chairman 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.

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