

# 2003 ANNUAL REPORT

— For the Fiscal Year July 1, 2002 to June 30, 2003 —

## 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](http://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 and Foundation

## President

Emphasis this year was placed on the theme of "Value, Value, Value" and on developing a "Value Proposition for AAPG." This was done by clarifying and capturing the services and benefits desired by all stakeholders, especially individual members. There were two aspects to this plan:

- The Membership Enhancement and Development Committee was formed to develop a strong foundation for membership retention and enhancement. This two-part plan consisted of communication of member services, especially new services, and a classic grass roots membership drive. The committee produced a very effective benefits pyramid logo. The program was kicked off at APPEX in August 2002 and culminated at the Salt Lake City Annual Meeting in May with the presentation of an award (registration and travel to the Barcelona meeting in 2003) to the member who had the best record in recruitment. The effort will continue through the 2003–2004 year. AAPG membership totals 31,959 and student membership is 4319.
- The proven best way to deliver a value proposition is to conduct an all-member survey of attitudes concerning products and services. This was concluded showing positive results across the board. The final report was distributed to all leaders and committees for evaluation.

### Increased Digital Programs

Datapages, AAPG's digital archival aggregate, continued to grow, adding the publications of the Canadian Society of Petroleum Geologists, New Orleans Geological Society, Lafayette Geological Society, and East Texas Geological Society. We continued to digitize and add libraries from our affiliated and associated societies as well as research and government publications. Arrangements were made with the Panhandle, Ardmore, and Tulsa Geological Societies.

GIS-UDRIL, which stands for AAPG's GIS Upstream Digital Reference Information Library, is the new and most-asked-for top priority product. Here we perform "digital drilling—or mining" of the Datapages aggregate. It is composed of geo-referenced databases placed into an easy-to-use GIS format.

We continue to be a major player in the initial phase of the development of a multi-society, geoscience publication aggregate, Geoscience World, of which AAPG is a member. The group is investigating the feasibility of a business plan to

publish all key geoscience journals electronically, allowing easy searching among journals.

In addition to the above, AAPG online services expanded to include convention registration, dues payment, research

## Statement of Income and Expenses

	General Fund FY 2001-02	General Fund FY 2002-03	Budget FY 2002-03
<b>Operating Income</b>			
Dues	\$1,791,314.00	\$1,785,527.00	\$1,741,712.00
BULLETIN subscription	\$333,084.00	\$325,367.00	\$315,000.00
Advertising income	\$1,512,700.00	\$1,304,574.00	\$1,460,000.00
Sales of publications	\$806,136.00	\$815,465.00	\$905,000.00
Interest and Dividends	\$476,968.00	\$453,466.00	\$528,000.00
Service Fees	\$1,744,227.00	\$1,827,224.00	\$1,964,068.00
Conferences and Meetings	\$3,370,703.00	\$3,211,444.00	\$3,774,684.00
Page Contributions	\$27,275.00	\$26,875.00	\$25,000.00
Gain (Loss) on Datapages	\$104,919.00	\$(114,072.00)	\$25,000.00
Grant Income	\$451,441.00	\$465,760.00	\$506,692.00
Miscellaneous	\$126,973.00	\$148,218.00	\$73,400.00
<b>TOTAL OPERATING INCOME:</b>	<b>\$10,745,740.00</b>	<b>\$10,249,848.00</b>	<b>\$11,318,556.00</b>
<b>Operating Expenses</b>			
Salaries	\$3,377,165.00	\$2,736,151.00	\$3,642,721.00
Employee Benefits		\$1,077,489.00	
Publishing Cost of BULLETIN	\$419,057.00	\$328,547.00	\$409,256.00
Publishing cost of EXPLORER	\$299,002.00	\$176,929.00	\$291,715.00
Cost of Special Publications Sold	\$403,795.00	\$369,085.00	\$316,300.00
General Office Expense	\$653,185.00	\$623,689.00	\$617,894.00
Postage and Shipping	\$656,613.00	\$704,200.00	\$640,312.00
Building Expense	\$311,779.00	\$319,410.00	\$305,692.00
Professional Fees	\$1,113,070.00	\$968,383.00	\$952,500.00
Management Consultant Fee	\$-		
Staff Training & Development	\$-		\$3,000.00
Staff Travel	\$154,554.00	\$185,132.00	\$130,765.00
Professional Travel	\$511,597.00	\$471,586.00	\$460,400.00
Conferences and Meetings	\$1,951,116.00	\$1,864,289.00	\$2,578,439.00
Depreciation	\$236,928.00	\$239,423.00	\$180,000.00
AGI Dues	\$107,887.00	\$74,232.00	\$74,873.00
Meeting Presence/Display	\$67,825.00	\$49,682.00	
Miscellaneous Grants and Awards	\$284,484.00	\$246,458.00	\$248,200.00
Student Expo			
Contingency Budget per President			\$111,514.00
Miscellaneous	\$338,897.00	\$378,091.00	\$279,674.00
<b>TOTAL OPERATING EXPENSES</b>	<b>\$10,886,954.00</b>	<b>\$10,812,776.00</b>	<b>\$11,243,255.00</b>
<b>Income (loss) from Operations</b>	<b>\$(141,214.00)</b>	<b>\$(562,928.00)</b>	<b>\$75,301.00</b>
<b>BALANCE SHEET SUMMARY</b>			
Assets		\$15,649,794.00	
Liabilities		\$4,221,942.00	
Fund Balance		\$11,427,852.00	
<b>TOTAL LIABILITIES &amp; FUND BALANCE</b>		<b>\$15,649,794.00</b>	

conferences, field seminars, member directory, membership applications, committee forum areas, and the expanding *Search and Discovery*.

### **Public Outreach**

An action plan for AAPG to be more involved in educating the public of the true facts of geoscience issues that affect petroleum/energy minerals exploration was debated all year, and will continue in 2003–2004. The goal is to establish the association as an authority in the natural system of earth-water-atmosphere in the public's view.

A big step forward was taken with the educational forum "Energy and Environment: A Partnership That Works" sponsored by AAPG in September 2002 in Washington D.C. The conference stressed that AAPG is a scientific organization that exists, in part, to ensure that the best possible science and technologies are deployed in the search for petroleum reserves while simultaneously protecting the environment. The meeting was endorsed by 10 of our sister societies. A booklet based on the forum will be published for public use.

Additional steps included a media workshop to empower our leaders on how to reach the public, continued expansion of the Visiting Geologists Program, development of a graphics collection for members to use in public presentations, development of materials that meet the teachers' and the public's needs—coordinated by AAPG's Youth Education Activities Committee, development and implementation of Earth Science Week activities, and continuation of the preparation of statements on issues affecting our livelihood.

### **Student Outreach**

A Job Fair Committee was established to coordinate all AAPG Student Expos. These provide students a venue to be exposed to recruiting companies at select locations. Continued growth occurred at the Student Expo at Rice University in Houston and the Spring Student Expo at the University of Oklahoma. The Rocky Mountain Section added an Expo to their section meeting in Laramie, Wyoming, and the Eastern Section will have an Expo at Pittsburgh in September 2003. The goal is to establish one on the West Coast. Along with several sister societies, AAPG is developing a Virtual Student Expo on the Internet to reach students worldwide who cannot travel to future Expos.

At least eight committees deal with student outreach and have expanded

activities this year, including the addition of student chapters and continued emphasis on expanding student involvement worldwide.

### **APPEX**

APPEX 2002, sponsored by AAPG along with co-conveners Society of Independent Professional Earth Scientists, Houston Geological Society, and PLS, a private firm, became an important member service and continues to grow. The move to Houston's George R. Brown Convention Center was two years earlier than projected. The 300 booths at the show were a 40% increase over 2001, and the number of registrants jumped from 1400 in 2001 to more than 2000. The Dealmakers' Conference held the spotlight during day one.

The APPEX 2003 will move to the now-permanent time during the second week in September and will partner with IHS to present an "Upstream Perspectives" forum the first day. The exhibition will feature domestic onshore prospects, and will have a deep-water pavilion in addition to an international area.

The second annual international APPEX was held in London, England in February 2002 in conjunction with the Institute of Petroleum Annual Meeting. AAPG also sponsored an upstream session during the meeting that was very successful.

### **Ethics**

Ethics became this year's most critical business and professional concern. It is absolutely imperative that AAPG and members don't get caught up in the very serious problems that exist. AAPG focused its role in setting standards and addressing the image of our profession.

We initiated a number of action items. A mini-summit was held in February to review the Code of Ethics and to examine additional initiatives to create heightened awareness. A special committee was established to prepare a short course on ethics. A subcommittee of the Distinguished Lecture Committee was formed to design and implement a distinguished lecture tour on ethics. A high-level corporate executive committed to do this over a two-year period, and the first was presented in Denver. Also, we are compiling specific instances of ethical activities and ethical practices (case histories) for publication in booklet form.

### **Conventions**

The AAPG International Meeting in Cairo was a success despite multiple difficulties caused by worldwide terrorism that caused the meeting to be postponed several times and nearly cancelled. We were joined in sponsoring the conference

with the Egyptian Petroleum Exploration Society, the Society of Exploration Geophysicists, and the European Association of Geoscientists and Engineers.

Registrants chose from among 288 oral papers and 180 posters. There were 63 exhibitors. Ten of the eleven field trips were fully subscribed. More than 1650 people from 45 countries attended, exceeding all expectations. Participation by Egypt's Prime Minister and the Minister of Petroleum marked the highest ranking government officials ever to be personally involved in an AAPG international conference.

The annual meeting in Salt Lake City was considered a huge success despite global uncertainties caused by the Iraq war, the threat of terrorism, depressed economics, and the threat of SARS. Attendance was 4719. There were 17 full or nearly full field trips and 10 well-attended short courses. A highlight was the all-convention luncheon talk by author Simon Winchester regarding his career and his book *The Map that Changed the World—The Story of William Smith and the Birth of Modern Geology*.

Section meetings were held in Laramie, Wyoming (Rocky Mountain), Austin, Texas (GCAGS), Fort Worth, Texas (Southwest), Long Beach, California (Pacific), and Champaign, Illinois (Eastern). A Mid-Continent meeting was not held.

The Committee on Conventions concluded a lengthy study on domestic convention site rotation. The plan, which was approved by the Executive Committee, changed the rotation to allow more flexibility and reduce the number of years that it takes for the annual meeting to return to the major oil centers.

### **Leadership Conference**

In February, AAPG held its 22nd Annual Leadership Conference in Tulsa. More than 100 leaders met at the Williams Learning Center for training, networking, and strategizing. The conference focused on six mini-summits: Global Geoscience Consortium, Ethics, Membership Enhancement and Development, Public Outreach, Student Outreach, and Regions and Sections. They were all designed around a particular set of problems or ideas.

A training session was held on "Public Speaking and Communication" by Jo Farrell, and a session about "Knowledge-Based Association Government" was led by Glen Tecker, an expert on the subject. The last day was met with a surprise snowstorm that created unexpected excitement.

## Publications

The *Explorer* continues to improve and deliver timely articles to members.

Under the leadership of John Lorenz, AAPG staff has reduced the turnaround time for publishing in the *Bulletin* from more than 24 months to less than 14 months. A probable record was attained with 17 new special publications and four new CD-ROMs. The e-magazine *Search and Discovery* grew with added special geological studies.

## Education

The Education Committee is continuing to work with AAPG staff under the management of the geoscience director, Jack Thomas, to redesign the education program. This involves building a curriculum for all levels of experience, conducting shorter courses, and customizing training for companies. New online courses include "Basic Petroleum Geology for Non-geologists." AAPG is working with the American Geological Institute and the Bureau of Economic Geology to develop online carbonate courses.

## Inter-Society Cooperation

Emphasis was placed on improved communication and leveraging across our sister societies to provide opportunities to increase the value of geoscience programs, improve cost effectiveness of activities, and result in effective strategies for growth. Numerous illustrations of increased cooperation have already been signed in this report. This effort will continue strong in the future.

Additional joint ventures included the development of a mega dues statement, joint distinguished lectures, and an international meeting in Prague with the Geological Society of America.

## International Development

Approximately 30% of existing members and 50% of new members work in the international arena. The new regions made good progress in firming up election procedures, team leaders, student chapters, visiting geologists, and a wide variety of member services. AAPG in conjunction with our sister societies is working toward opening up branch offices in certain strategic countries to better serve these members. Brenda Cunningham, AAPG's new global development director, is working with the planning committees on future international meetings in Barcelona (2003), Cancun (2004), Paris (2005), and Perth (2006).

## Big Audacious Goal

AAPG initiated the idea of the "big audacious goal" for the Association as

follows: "You must be a member to do your job well." Companies once offered a lifetime relationship with employees, but today that interdependent policy is seldom found. AAPG will fulfill this role now and in the future.

AAPG has begun to forge a partnership with each member to be a critical part of one's professional career. New initiatives this year follow:

- creation of a new committee to develop a skills inventory registry system for members,
- creation of a Web site resume posting (aka "Consultant's Marketing System") to provide a marketing Web portal for members,
- consideration of establishing, or linking to, a career counseling service to provide advice and counsel on how to seek new opportunities,
- development of education seminars on how to search for that next job, and
- provision of adequate staff support for career activities.

**Dan L. Smith, 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.

**Paul Weimer, Treasurer**

## Editor

The alarming decline in manuscript submittals to the *Bulletin* has turned around:

1998:	152
1999:	145
2000:	120
2001:	95
2002:	103
2003:	123 (projected)

Much of this decline was due to author dissatisfaction with previously high turn-around times between submission and print (an average of 27 months as of a year and a half ago). The improvement in the submittal numbers is largely due to a conscious and successful effort to significantly improve turn-around times (an average of 9 months for the first third of 2003) by initiating an online submission system, streamlining the process, and a dedicated program of reviewer harassment.

Eighty-nine papers were printed in the *AAPG Bulletin* in 2002, covering a wide range of hydrocarbon-related geoscience:

Reservoir Characterization	8%
Structure	12%
Diagenesis	9%
Petroleum Systems	13%
Stratigraphy	10%
Other	44%

Just over one-half of the primary authors of these papers were from the United States, and 10% of the papers discussed North American geology.

Africa	2%
Russia	3%
Asia	12%
South America	5%
Europe and the North Sea	7%
South Pacific/Australia	7%
Middle East	7%
General	25%
North America (exclusive of U.S.)	13%
United States only	19%

## Special Publications

AAPG is offering many of our new publications in electronic (CD) format, both as a way of allowing the authors to include more and more colorful figures and to keep the publications affordable. AAPG released 9 hardcopy books and 6 CD-ROMs in 2002; there are currently 12 volumes in various stages of production and numerous proposals under consideration by the Publications Committee.

The turn-around time for the review and decision on a proposal has also been drastically reduced, making publication through AAPG more attractive to potential authors and editors. A set of guidelines for authors/editors has been formulated that specifies what AAPG needs and expects of them.

The guidelines, to be posted online, include timetables for projects. Hopefully this will reduce the number of projects that languish because the task was greater than the author or editor expected.

**John Lorenz, Editor**

## House of Delegates

The House of Delegates held its annual meeting on May 11, 2003, in Salt Lake City, Utah, in conjunction with the AAPG Annual Meeting with 190 delegates attending the meeting.

All Constitution and Bylaws amendments as presented by the Constitution and Bylaws Committee were passed by general consent of the voting delegates.

- The AAPG Constitution will be amended (subject to a two-thirds approval by the responding voting members) to allow for amendments and voting to be conducted by electronic mail or other suitable means in the future.

- Similarly, the Bylaws were amended to allow for election of officers and the filling of officer vacancies to be conducted by electronic or other suitable ballot.
- Names of AAPG officer candidates will be published in the *AAPG Explorer* rather than the *Bulletin*, no later than October 15.
- A new section to Article II was added to the Bylaws to restrict members serving as officers to AAPG, the House of Delegates, or the Advisory Council from being selected for an honor or award by the body on or in which they serve. The House of Delegates Recognition of Service Award was excluded from this amendment.
- Likewise, candidates for AAPG officers, House of Delegates office, members of the AAPG Advisory Council, and the president of the technical divisions, may not be selected to receive any honor or award during the period of their candidacy, unless the honor or award was announced prior to announcement of their candidacy.
- The number of members serving on the AAPG Ethics Committee was increased from three to five in order for this committee to remain functional should one or more members of the committee have to recuse themselves because of a potential conflict of interest.
- The Rules and Procedures Committee recommended four changes to the House of Delegates rules and procedures.
- An increase in committee members from four to seven for the Rules and Procedures, Constitution and Bylaws, and the Resolutions committees will give each of these committees a broader representation from the AAPG sections and regions.
- The Nomination and Election and Honors and Awards committees must have the House of Delegates officer candidates and the award recipients' names and background data to the House of Delegates chairman by September 30 of each year. This will allow for timely publication and recognition within the *AAPG Explorer*, the House of Delegates' *Voice*, and other printed material.
- Changing the time for a delegate to be eligible for a House of Delegates award from within the previous two years as serving as a delegate to now was extended to the previous five years.
- The Future of Earth Scientists Committee was eliminated from the House of Delegates Rules and

Procedures. This committee will be moved to the AAPG committee structure as either an ad hoc or a standing committee. The chairman of the committee will be required to report to the House of Delegates at the annual business meeting.

The Resolutions Committee presented formal applications by the Association of Petroleum Technicians and Professionals France, the Atyrau Petroleum Geologists Association Kazakhstan, and the Sociedad Geologica de Peru for affiliation as affiliated societies of AAPG. All groups were represented at the meeting and all applications were approved. Also, the Resolutions Committee presented applications as associated societies to AAPG by the Association for Women Geoscientists and the National Association of Black Geologists and Geophysicists. Both groups were represented, and the House of Delegates approved both applications.

The Honors and Awards Committee announced the following individuals for House of Delegates award recipients for the year 2002–2003:

- Thomas Mairs—Honorary Member of the House
- Edward Heath and Robert Countryman—Distinguished Members of the House
- Peter Gray and Jeff Greenawalt—House Long Service
- Lee Avary and Terry Hollrah—House Recognition of Service

Also, all of the past recording secretaries and secretary/editors from 1996 to 2002 were given House Recognition of Service awards. These include Jeanne Harris, Jeff Greenawalt, Jean Lemmon, Deborah Sacrey, Sandi Barber, and Marty Hewitt.

The Nomination and Election Committee presented the House of Delegates officer candidates to the House members to be selected to join next year's chairman, George Eynon. Valary Schulz and Steve Goolsby were elected chairman-elect and secretary/editor respectfully.

Several potential agenda items are already being considered by the incoming House of Delegates officers and Constitution and Bylaws Committee.

- Allow for legal voting by the AAPG Executive Committee through facsimile or other electronic means.
- Allow for Executive Committee meetings to be conducted by teleconferencing rather than face-to-face if needed.
- Review proportional member representation on the AAPG Advisory Council.

- Raise the current ceiling on membership dues from the present \$75 cap.
- Increase the permitted period for a member to maintain student membership status to as long as they are fully enrolled in an academic institution.
- Recommend several choices or guidelines for the AAPG Executive Committee in admonishment of a member found guilty of a breach of ethics.
- Review the Bylaws to see if a House of Delegates at-large member, who is not a voting Delegate, can propose amendments on the floor of the House at the annual meeting. The Resolutions Committee will be asked to study the procedures for admitting societies for associated or affiliated status to AAPG. Along with this, disaffiliation or disassociation of societies will be reviewed.

This past year was a good year for the House of Delegates. We reviewed the issues and they were acted upon in a smooth and orderly fashion. It was a pleasure to serve as chairman of the House of Delegates.

**Terry L. Hollrah, Chair**

## Foundation

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

Because of the continuing weakness in the stock market, the investment portfolio of the Foundation increased by only \$100,528 to \$15,771,415 during the past fiscal year. Including fixed assets, primarily the AAPG Headquarters buildings, the total assets of the Foundation were \$20,315,338.

For the fiscal year 2002–2003, the Foundation had total gross revenues of \$1,950,813. Total expenditures of \$1,978,751 resulted in a negative cash flow of (\$27,938). Net realized and unrealized capital gains and losses of a negative (\$251,213) resulted in a net loss for the year of (\$279,151).

Total contributions to the Foundation in 2002–2003 were \$853,494. Fifteen percent of the AAPG members contributed to the Foundation through their AAPG dues statements.

In view of continuing unfavorable market conditions it was again considered

prudent this year to minimize new initiatives and to reduce support to lower priority programs. As a result, total disbursements for grants and program services were \$827,111, compared to \$915,355 in the prior year.

Major programs during the past year included the following: Distinguished Lecture and Visiting Geologists programs, \$269,806; *AAPG Bulletin*, \$160,000; Grants-in-Aid, \$167,750; and the L. Austin Weeks Undergraduate Grant program, \$39,600.

Four new Named or Memorial Grants-in-Aid were added during the past 12 months, bringing the total to 48. Those honored by the new grants were Jean G. Funkhouser, James E. Hooks, Robert K. Goldhammer, and Donald A. O'Nesky. Biographies of those honored and memorialized through the grants are included on the AAPG Web site.

Hugh M. Looney was honored as the fifth recipient of the Chairman's Award for long-time outstanding support of the Foundation. Hugh was recognized at the

annual meeting of the Trustee Associates in Asheville, North Carolina.

Foundation Trustee Associate membership totaled 274 at year's end. Four new members joined the Associates during the year. 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

The 2002–2003 term has been very active and productive for the Division of Professional Affairs (DPA), which operated for the first full year under a new set of bylaws and guidelines. Our business affairs and governance are now conducted by the Council, which consists of the Executive Committee, Board of Councilors, and the nonvoting committee chairs.

Our mid-year "think tank" meeting was held in Dallas on November 16, 2002, and our annual "decision making" meeting was held on May 10, 2003 at the Salt Lake City Annual Meeting. Throughout the year the Council was very focused and innovative in creating new policies, committees, and publications. Other members of the Executive Committee were Lee Gerhard, vice president; Deborah Sacrey, secretary; Dan Tearpock, treasurer; Bob Shoup, president-elect; and Royce Carr, past president. The Board of Councilors was represented by Tim Murin, Eastern Section; Raymond Blackhall, Steven Brachman, Paul Britt, Dwight Cassell, Rick Ericksen, Mike Fogarty, and Larry Jones, Gulf Cost Section; Joel Alberts and Bill Harrison, Mid-Continent Section; Jim Hill, Pacific Section; David Abbott Jr. and Marvin Brittenham, Rocky Mountain Section; Allen Frizzell, Dexter Harmon, and Mike Party, Southwest Section; and John Hogg, International Section.

#### Membership Committee

Total membership on April 1, 2003 was 3371, a decrease of 1.7% when compared to 3428 on April 1, 2002, and

is slightly higher than the previous year's decline rate of 1.2% when compared to 3470 on April 1, 2001. Of the total membership, 3276 are Certified Petroleum Geologists, 78 are Certified Petroleum Geophysicists, and 17 are Certified Coal Geologists.

The median age of our membership is 55, and the average age is 59.

Less than 1% of our members are under 40 years old, which is of concern. We obviously need to create new incentives and benefits that appeal to our younger members. Under the leadership of Valary Schulz, the committee is investigating new incentive methods, such as sending invitation letters to 20-year anniversary AAPG members, in addition to the 10-year anniversary members; and the desirability of electronic certification applications.

#### Financial

I am pleased to report that the DPA is in sound financial condition. Through the third quarter of our fiscal year 2003 (July 1, 2002 to June 30, 2003), the Division has, thus far, operated well within our annual budget. Operating income was \$113,097, and operating expenses were \$66,842, with a net gain of \$46,855. Projected annual net cash flow is \$62,473, which almost doubles our budget estimate of \$33,200. Current assets at March 31, 2003, were \$572,677, down 1.1% from assets of \$579,252 at June 30, 2002, and our current cash balance is approximately \$78,000.

The Council is and will be evaluating ways in which we can give back to our members by investing in programs

that provide tangible benefits to our members.

In a concerted effort to become more actively involved in international meetings, the Council has approved a \$2500 sponsorship donation to the all-convention luncheon at this year's International Conference in Barcelona to help defray the rather high attendance cost. Also, we are currently investigating the DPA's assistance in the financial underwriting of an AAPG proposal to create a Virtual Office Web site, which could be of tremendous benefit to our membership.

#### Governmental Affairs Committee

Under the leadership of William L. Fisher, the committee continues its strong effort in governmental relations. The committee has now published 16 position papers on topics that affect our profession and livelihood. The latest position paper, "United States and Canadian Atlantic Outer Continental Shelf Resources," has been approved by AAPG's Executive Committee and is currently being edited prior to publication. In the works is another position paper on "Coalbed Methane Produced Water: Problems and Solutions."

Once again, the Governmental Affairs Committee's Jim Drahovzal, will represent the DPA at the National Conference of State Legislators scheduled for July 22–25 in San Francisco, and as last year, we will share a booth with the American Institute of Professional Geologists and the American Association of State Geologists. The committee is also very proactive in representing AAPG at various national legislative and industry functions held annually in Washington D.C.

### State Registrations and Licensing Committee

The “grandfathering” phase for Texas State Licensing began on October 31, 2002, and will continue through August 31, 2003. Geologists involved with petroleum exploration and development for private industry are exempt. However, if the work involves the state of Texas or any subdivision of the state, you might be required to obtain a license to practice. Also, Utah began its “grandfathering” in September 2002 and will end on January 1, 2004.

Rick Ericksen, committee chair, continues his effort in assisting state legislators in improvising their rules and procedures for registration, and also represents us at the Association of State Boards of Geology, which develops licensure examinations for state agencies. We are currently negotiating with the Canadian Security Administrators to allow members of DPA to be included as “Qualified Evaluators” in their newly proposed guidelines.

### Honors and Awards Committee

One of DPA’s highlight events each year is the annual awards banquet, and this year at Salt Lake City, May 10, 2003, was no exception. The committee was composed of George Bole, chairman, Pat Gratton, and Royce Carr who honored the following members: Bob Cowdery, Life Membership Award; Robert Sabaté and Howard Kiatta (not present), Distinguished Service Award; Jack West, Certificate of Merit; and John Howell III, Best Paper Award 2002 for his paper “Implementing Portfolio Management: Integrating Tools, Processes and People.”

### DPA Annual Meeting

DPA was, once again, very actively and professionally involved in the annual meeting. Jason Blake, DPA vice chair, and his committee did an excellent job in coordinating our sponsorship or co-sponsorship of a well-planned program, which included two timely forums, one technical session, three continuing education courses, and the well-attended DPA luncheon where 250+ attendees heard an excellent talk.

### DPA Council

President-elect Bob Shoup was responsible for securing nominees to stand for election as Councilors for a three-year term, 2003–2006. The following members were successfully elected to the Council.

- Eastern Section: Michael R. Canich Jr.
- Rocky Mountain Section: Marvin D. Brittenham and David Abbott Jr.
- Pacific Section: John M. Armentrout

### Publication Committee

With the June issue of the *Correlator*, our Publications Committee chair and *Correlator* editor, David Abbott Jr., successfully completed his fifth edition during the past year. Unfortunately for us, David is becoming very involved with the American Institute of Professional Geologists and must resign as editor of the *Correlator*. On behalf of the Executive Committee and Councilors, I commend and thank David for his effort and successful dedication to this very important communicative venue. Robert W. Sabaté has agreed to assume editorial duties.

One of the highlights this year was to furnish each member of DPA a gratis copy of the special publication *Heritage of the Petroleum Geologist*. This excellent publication was a follow-up to the theme of the DPA luncheon held at the 2002 Annual Meeting in Houston, in which Bob Shoup was DPA vice chair. This is a tremendous contribution by co-editors Robert C. Shoup, Deborah K. Sacrey, Charles A. Sternbach, and Richard L. Nagy. Congratulations and thank you for your innovative dedication.

### Bylaws Committee

Having now operated for approximately one year governed by a new set of bylaws, the Council has approved several amendments that will benefit and improve our operations.

The Committee, chaired by Bob Shoup, recommended changes regarding the Councilors’ terms and replacement of vacancies; officer duties and replacement of vacancies; assurance that the presidents of EMD and DEG, or their appointed representatives, shall be standing members of the Governmental Affairs Committee; and defining the Convention and Membership committees and making them standing committees of DPA.

### Highlights

- Published *Heritage of the Petroleum Geologist*.
- Published five editions of the *Correlator*.
- Published “Atlantic OCS Resources,” position paper (GAC).
- Currently developing “Coalbed Methane Produced Water: Problems and Solutions,” position paper (GAC).
- Formed the ad hoc Ethics Education Committee.
- Formed the ad hoc Long Range Planning Committee, George Bole, chair.
- Established the Membership Committee as a DPA standing committee.

- Established the Convention Committee as a DPA standing committee.
- Completed an online Membership Directory as approved by the 2001–2002 Council.
- Established that EMD and DEG presidents or their appointed representatives shall become standing members of the Governmental Affairs Committee.
- Sponsored the underwriting of the all-convention luncheon at the International Conference to be held in Barcelona, Spain.
- Assisted AAPG president Dan Smith in forming an AAPG ad hoc Joint Divisions International Coordination Committee for the purpose of increasing the Division’s presence at international conferences and technical meetings. Robert G. Font will represent DPA and chair the committee, which includes Rebecca L. Dodge (EMD) and Steven L. Veal (DEG).

I certainly appreciate the opportunity to have served the DPA membership and have enjoyed working with all of you this year. My hope is that we have fulfilled our goal to grow in professionalism and to provide more benefits to the membership. I want to thank the Council for your professional and cooperative spirit and Norma Newby for her reliable assistance. Finally, I can assure you that our incoming president, Bob Shoup, and the Council will continue the effort to increase services that are beneficial to our membership.

**Tom Mairs, DPA President**

## Energy Minerals Division

The Energy Minerals Division (EMD) has had an active year. Sectional meetings in particular have successfully showcased both EMD commodities and technology tools—each section meeting since July has had both poster and oral presentations on sectional commodities and on geospatial technologies. Perhaps more valuable have been communication links established among EMD, DEG, and DPA, with the help and support of AAPG headquarters.

Several outcomes of cooperative activities include the following:

- Formation of a joint committee among DPA, DEG, and EMD in a concentrated effort to improve our presence and to coordinate division functions at international meetings.
- Revision of the Bylaws of the DPA to state that the DPA Governmental Affairs Committee will now contain a

DEG and EMD representative—either the current president or their designate.

- Appointment of co-chairs representing DEG and EMD to the DPA committee that will develop the “Coal Bed Methane Produced Water: Problems and Solutions” position paper.
- Formation of a working committee between DEG and EMD to solicit input concerning a publication on “Geologic Sequestration of CO<sub>2</sub>.” Initial response to solicitation of input has been very positive concerning the need and interest in such a publication. Each division has designated committee members.

EMD currently has three other publication efforts under way:

- Jack Pashin and Robert Gestaldo are editing *Sequence Stratigraphy, Paleoclimate, and Tectonics of Coal-Bearing Strata*. All manuscripts have been revised, and Pashin is currently copyediting the volume for submission to the AAPG Publications Department in June.
- EMD’s “Unconventional Energy Resources of North America” poster is available for purchase. As a follow-up and extension, EMD’s Laura Wray is working to create a companion CD-ROM that provides basic information on the geologic settings, economic resources, discovery and extraction techniques, environmental considerations, and scientific

applications associated with EMD commodities and technologies.

- Alexander Papp is working to produce a second edition of EMD’s *Atlas of Coal Geology*, and is in the process of canvassing the academic community and coal utilization industries on an international basis for contributors, writers, and sponsorship.

EMD also has highlighted our co-sponsorship of the *Natural Resource Research Journal* in our recent *Explorer* column. The *NRR Journal* of the International Association for Mathematical Geology publishes original articles, reviews, and correspondence on all aspects of mineral and energy exploration, resource assessment, and the economics of resource supply, recovery, restoration, and conservation. EMD special issues are in the works.

The EMD fall meeting approved the formation of an ad hoc committee to explore ways to better communicate with our representatives on AAPG standing and ad hoc committees, in a way that will enhance EMD’s capabilities to serve the needs of our members and to promote membership in EMD. EMD has more than 100 members on AAPG committees. Of the 30 standing committees, we are represented on 28; EMD members chair 11 of these committees. Of the eight ad hoc committees, EMD has representation on five; EMD members chair three.

The fall meeting also resulted in approval of efforts to increase awareness of EMD among our international membership. EMD will begin efforts to find our own representatives within the international regions who can promote EMD offerings at international conferences—poster and oral sessions, field trips, short courses, etc.

EMD’s offerings at this AAPG 2003 annual meeting included eight sponsored and co-sponsored technical sessions, one field trip, and one short course. Planning is already under way for the AAPG 2004 meeting in Dallas, and discussions are under way for sponsoring EMD’s first national-level “Full Cycle Symposium” at the 2005 meeting in Calgary. The Full Cycle Symposium concept will target an Energy Minerals or Petroleum “play” and cover the full cycle, from play analysis, through exploration to development, to depletion and reclamation, and will include technology and energy economics coverage. EMD hopes to promote a sustainable series of such symposia at sectional, annual, and AAPG international meetings, at which presenters could cover a common theme within a flexible venue, i.e., a combination of oral and poster sessions, perhaps with targeted exhibits.

EMD looks forward to continued cooperation among sections, regions, divisions, and headquarters, with a focus on offering more to our members.

**Rebecca L. Dodge, President**

## Reports of the Sections

### Gulf Coast Association of Geological Societies

With the very welcome addition of the Asociación Mexicana de Geólogos Petroleros in 2001, 13 geological societies now comprise the membership of the Gulf Coast Association of Geological Societies (GCAGS). Each year the Association’s annual meeting, held in conjunction with the Gulf Coast Section—SEPM, attracts the largest attendance among all AAPG section meetings. In 2002 the convention was held in Austin, Texas.

Attendance at the 2002 Austin convention exceeded 1400, and the event returned in excess of \$30,000 profit for the host, Austin Geological

Society and sponsor GCAGS. Doug Ratcliff was a superb general chairman and Scott Tinker assembled a truly outstanding technical program, with more than 110 oral papers, 30 posters, and 11 invited symposium panelists. The annual *Transactions* editors were Shirley Dutton, Steve Ruppel, and Tucker Hentz. For the first time, the official *Transactions* were delivered only on CD, with paper copy unavailable except via special order. The *Transactions* contains more than 1100 pages, not counting material pertaining to organizational and honors/awards materials. The *Transactions* were dedicated to Birdena Schroeder and Robert Boyer.

William L. Fisher received the prestigious Don R. Boyd Medal for

Excellence in Gulf Coast Geology. The GCAGS Distinguished Service Award was presented to Richard A. Edmund, Mark J. Gallagher, Robert J. Ingram, Douglas C. Ratcliff, Charles C. Smith, and Johnnie P. Wanger. Charles J. Corona and Robert W. Sabate were named Honorary Members; Judith A. Schiebout and Barun K. Sen Gupta were named Outstanding Educators; and Jamie Scott was recognized as the GCAGS Outstanding Science Teacher.

Awards for the best papers and posters given at the 2001 convention held in Shreveport were presented to the following at the Austin meeting: Kevin B. Hill; Robert G. Loucks; Asif Muzaffar, J. Richard Kyle, and Bruno Vendeville; Steven P. Tischer, Daniel R. Womochel,



and Shea Penland; Jennifer Koch and Shea Penland; and Walter W. Wornardt Jr.

Following the recommendations of Bonnie Weise's Student Grants Committee, the GCAGS awarded a total of \$24,500 for student research grants. A total of 29 students representing 10 universities received awards ranging from \$500 to \$1500 each.

The former agency that handled GCAGS publications and sales ceased operations at the end of 2000, and those functions transferred to the Publications Department, Bureau of Economic Geology, University of Texas. Doug Ratcliff is chairman of the Publication Committee, and Amanda Masterson, administrative associate at the Bureau, is the contact person for purchases.

The Executive Committee is pleased to report that the GCAGS is economically solvent, with substantial financial resources, and is positioned to continue as the organizational mainstay for Gulf Coast geological affairs for many years to come.

We are saddened to report the death on May 7, 2003, of Birdena Schroeder, who had served the GCAGS with great distinction as executive secretary since 1989. Birdena was the heart and soul of the Association. She was a person of manifest integrity, character, good will, and faith, and she will be greatly missed by everyone who knew her.

Nevertheless, the Association must move on. The GCAGS headquarters will be relocating from Austin to Houston in 2003, and the search for a new GCAGS executive secretary is ongoing as this is written. GCAGS will share an office suite with the Houston Geological Society and the Geophysical Society of Houston.

**Peter R. Rose, President**

## Pacific Section

In 1925, the one-year-old Pacific Society of Petroleum Geologists petitioned to become a regional section of AAPG. The petition was accepted, and on March 26, 1925, the AAPG Pacific Section became the first chartered section of the national AAPG. During 1924–1925, the Pacific Section had a total of 97 members.

The AAPG Pacific Section of 2003 is composed of seven affiliated societies ranging geographically from southern California to Alaska. Our members include a diverse group of geoscientists working in some of the most difficult hydrocarbon producing areas in the world. We "advance the science of geology and the professional well-being of our members," as provided for in our Constitution, through the dissemination

of information by way of our monthly society meetings, our bimonthly publication *The Pacific Petroleum Geologist Newsletter*, our Web site, and our annual convention.

### Financial Statement

The Pacific Section is financially healthy. As of May 23, 2003, the operating funds available totaled \$65,454.64. Restricted funds totaled \$40,475.94 for a grand total of \$106,661.19. In addition, the Pacific Section Foundation shows a current balance of \$51,129.21. The above figures do not reflect income from our recently completed annual convention. However, preliminary analysis indicates the Long Beach meeting was a financial success.

### Membership

Membership continues at a strong level, although it has declined 16% from last year. Most of this decline is a result of nonrenewal of new memberships that were included with the registration at last year's convention. The total membership is approximately 765, of whom 76 are considered delinquent in paying their dues. Comparable numbers from last year were 910 members of whom 98 were delinquent.

### 2003 Convention

Our annual meeting was held in Long Beach, California, May 19–23, 2003. A total of 776 people attended this joint technical conference with the Western Region–Society of Petroleum Engineers (SPE), the third such meeting with the SPE in the last four years. General co-chairmen were Dalton Lockman, Pacific Section AAPG, and Sam Sarem, Western Region SPE. The meeting, "LA Basin: Original Oil Field Legend," emphasized a multidisciplinary forum for the exchange of engineering and geoscience technologies and best practices. The Los Angeles Basin Geological Society was the host, and the meeting included three well-attended field trips and a very strong technical program with poster sessions and more than 160 papers. The all-convention luncheon featured Olympic Gold Medalist Rafer Johnson, speaking on being the best that you can be. This change from past luncheon programs was very well received.

Deviating from our past practice of presenting honors and awards at the all-convention luncheon, those who stand out in our profession were honored at a well-attended honors and awards reception. This year's Martin Van Couvering Students were Julia Clark and Steve Turner from California State University, Fullerton; Gino Calvano and Pamela Hill, California State University, Long Beach; Hector Hernandez, California State University, Los Angeles;

and Kurt Frankel and Mary Kalrouz, University of California, Los Angeles. Our Teacher of the Year Award was presented to Michael Fillipow, Long Beach, California. The Pacific Section Distinguished Educator Award was presented to Peter Weigand of California State University, Northridge, California. The A. I. Levorsen Award, given in recognition of the best paper presented at our 2002 convention, went to Herbert Swan for his paper "Robust AVO Processing for Arctic Exploration." The H. Victor Church Award for best poster from the 2002 convention went to Marwan Wartes for her poster, "Detailed Facies Analysis of the Lower Cretaceous Fortress Mountain Formation, Atigun Syncline, Northern Alaska." Bob Lindblom received the President's Award for his longstanding service to the Pacific Section at both the section and national levels. The Distinguished Service Award was created this year. It was presented to Joan Barminski, Dalton Lockman, and Tom Redin to recognize their singular and beneficial long-term service to the Pacific Section.

The AAPG Pacific Section also presented two Honorary Life Membership awards, the highest honor we can bestow upon our members. The 2003 recipients were Mel Erskine of El Cerrito, California and Don Clarke of Long Beach, California. Both individuals have distinguished themselves by their contributions and devotion to the science and profession of petroleum geology and by outstanding service to the Pacific Section.

### Other Activities

Our newsletter, *The Pacific Petroleum Geologist Newsletter*, is published six times a year with nearly 900 copies sent in each issue.

Our Web site, [www.psaapg.org](http://www.psaapg.org), is a central source for information on upcoming Pacific Section activities. The Web site has scored more than 100,000 hits in the last 12 months. Submission of abstracts and registration for the Long Beach meeting was handled electronically and plans are for a similar system to be used next year as well. An electronic version of our newsletter is available to members through the Web site.

In 2003, the Pacific Section published MP 47, *Stratigraphic Architecture of a Sand-Rich, Deep-Sea Depositional System: The Stevens Sandstone, San Joaquin Basin, California*. Authored by Melissa Lamb, Kai Anderson, and Steve Graham at Stanford University, this publication promises to become a standard reference for subsurface work in the southern San Joaquin and similar basins.

Community outreach efforts include development of a visiting geologist program in local classrooms, providing speaker's kits that will include a lecture outline, some visual aids, and a list of reference material. Through a *PPG Newsletter* column, the Pacific Section is also providing information to help our members illuminate the public about misconceptions on subjects ranging from the price of gasoline to environmental compatibility of oil field operations. We are pleased to note a similar column has been carried in the *Explorer* since last October.

The Pacific Section is working to strengthen ties with local member societies. We established a "Society in the Spotlight" column in the *PPG Newsletter* to feature articles about each local society. In addition, the Pacific Section Executive Committee strives to maintain a presence with as many member societies as possible by rotating the date and location of its committee meetings to coincide with local society meetings.

**Tom Hopps, President**

## Southwest Section

The AAPG Southwest Section (SWS) 2003 annual meeting, held in Fort Worth, Texas, March 1–4, 2003, was hosted by the Fort Worth Geological Society. Chairman George Hillis along with his committee organized a highly successful convention with 505 attendees, which included 363 primary registrants, 21 students, 44 spouses, and 77 exhibitors.

All events were well attended including a golf tournament, three field trips, a SWS-sponsored free short course, and the all-convention and DPA luncheons. The technical and poster sessions were informative, professional, and applicable. They were also well attended and

appreciated, as demonstrated by the 150 people who stayed to attend the last talk on Tuesday afternoon. The popular "Rocks in Your Head" seminar armed 50 grade school teachers with materials and strategies for their classrooms. The convention was also a financial success, thanks to strong industry support and sponsorship as well as the well-subscribed exhibit hall.

During the opening ceremony, lifetime and professional achievement awards were presented. The Monroe G. Cheney Science Award for singular contributions to the science of petroleum geology of the southwest region was presented to Daniel A. Busch. The Distinguished Educator Award, in recognition of outstanding contributions to geological education in the Southwest Section area was bestowed upon Bruce Hart. Jack Q. Frizzell received the John Emery Adams Distinguished Service Award. The A. I. Levorsen Memorial Award was presented to Ronald F. Broadhead, who presented the best paper at the 2002 annual meeting. The A. L. "Al" Cox Award was presented to William D. Raatz for the best poster at last year's meeting.

This year's five graduate students, three from Texas Tech and two from the University of Texas, Dallas, were each awarded scholarships of \$1000. In addition, the SWS contributed more than \$3000 to help cover expenses of the "Rocks in Your Head" seminar for grade school teachers.

The section also continued the practice of offering free one-day short courses. This year two courses were presented. In November, Bob Loucks with the Bureau of Economic Geology presented "Paleocave Reservoirs: Origin, Spatial Complexity, and Reservoir Implications" to 85 attendees in Abilene, Texas. At the annual meeting in Fort Worth,

Jimmy D. Thomas and Lee M. Peterson presented "Professional Development for Geologists (Keys to Success as an Independent/Consultant)" to 30 attendees. Although the cost for these two courses was \$7000, it was an effective and appreciated way to give back to the membership.

Two important changes to the bylaws of the Southwest Section were ratified by the member societies. The first involved modifications to the Scholarships and Grants Committee for the purpose of allowing more flexibility in awarding financial aid to students and schools. The second change involved AAPG membership requirements of the section officers. The bylaws now state that "All Section officers and the AAPG Advisory Council member must be Active, Emeritus, or Honorary members of the AAPG."

The Section is in sound financial order with net assets of \$106,394.17, showing a decrease over the prior year of \$11,050.12. We anticipate that this decrease in net assets will be more than offset by expected revenue from the Fort Worth Convention.

The outgoing Board of Directors of the Southwest Section consists of the president, Geoff Ice of Fort Worth; vice president, Gregg Norman of Wichita Falls, Texas; secretary, Bill Stephens of Wichita Falls; and president-elect Bill Cornell of El Paso, Texas. The newly elected officers for 2003–2004 are president, Bill Cornell; vice president, John Worrall of Roswell; secretary, Bob Hough of Dallas; and president-elect, Bill Stephens of Wichita Falls, Texas. Treasurer, Dexter Harmon, and Stephen Shaw both of Midland, Texas, continue their respective terms as treasurer and advisory councilor.

**R. Geoff Ice, President**

## Reports of the Committees

### Ballot

*The function of the Ballot Committee is to meet after the annual election of AAPG officers to count ballots, and to prepare an official report of election results for the president of the Association. Members serve for one year.*

The AAPG Ballot Committee has recommended to the Executive Committee that we offer electronic voting capability to our members, especially those that live outside of the United States. The

House of Delegates approved changes to our Constitution and Bylaws at the Salt Lake City Annual Meeting, and a ballot to approve changes to the Constitution will be mailed to all active members.

The Ballot Committee met on May 15, 2003, and counted ballots for the annual election of officers. A total of 17,903 ballots were mailed to our voting members, of which 4842 were returned. This equates to a 27% participation by our voting membership. The Ballot Committee's count was within two ballots

of the auditor's count. (In one instance there was a ballot that had been destroyed in the machinery of the USPS, and we were able to piece it together.) The results of the election are as follows:

President-Elect	Patrick J. F. Gratton
Vice President	Erik P. Mason
Secretary	Robert L. Countryman

**Jean R. Lemmon, Chair**

Committee members: Edward A. Beaumont, Richard W. Behling,

J. Glenn Cole, Jean T. Heinecke, Jean R. Lemmon (chair), James S. McGhay, Robert C. Millspau, Wendy Straatmann, and Frances Whitehurst.

## 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 Committee on Committees (COC) was formed in 1990. The committee provides advice, recommendations, and suggestions; it does not make any appointments. Only the AAPG president is empowered to make appointments to the various committees. The AAPG Executive Committee has the authority to dissolve any standing committee.

At the beginning of the year, the COC sent an initial contact letter to all committee chairs. Also included was a copy of the Committee Membership Guidelines. The contact letter requested certain committee information so that the headquarters staff liaison could update all committee records. In addition, the letter recommended the following suggestions for each committee to follow:

- Review your committee for geographic representation and, if appropriate, for scientific discipline diversity.
- Consider changing your vice-chair(s) each year to give several committee members an opportunity to show leadership.
- Rotate members off after they have completed a three-year term unless their duties and contributions indicate that you should contact the president to appoint them for another three-year term.
- Keep your committee Web site updated. It should include such basic information as a mission statement, a list of committee members, pertinent meeting minutes, and a list of committee goals.

This year the Committee on Committees accomplished the following:

- Based on recommendations made at the previous annual meeting, the COC was able to enlarge to 20 members. The COC now includes at least one or more members from each Section as well as from the Canadian and European regions.
- During the final three months of the fiscal year, all standing committee

chairs and representatives were contacted regarding their reappointments or replacements, and their selections of vice-chair(s). Every standing committee chair and representative, as well as most of the vice-chairs, should have been in place by June 30, 2003.

- Several COC members have been assisting their liaison committees to recruit new members.
  - The COC held its annual meeting on May 12, 2003, during the AAPG Annual Meeting in Salt Lake City. Major items covered follow:
    - The January 2003 Leadership Conference, to which ten COC members attended, was briefly discussed. This included the opening session, which covered association management, and the five mini-summits. The highlights of the conference can be found on the AAPG Web site.
    - Committee chair replacements for the upcoming 2003–2004 year were announced based on information available at that time. All standing committee chairs plus representatives were contacted to help incoming AAPG President Steve Sonnenberg organize his year.
    - Various other items about committees were discussed:
      - that the Leadership Conference might be the proper place for a meeting of all attending chairs, vice-chairs, and COC members;
      - the rotation of members after three-year terms;
      - a request for a mid-year, as well as an annual report;
      - that the Guidelines, which will be reviewed and updated, should be sent to all chairs and vice-chairs;
      - that members should be added to all committees as required.
    - George Bole, former chair of the COC, will head the Guidelines update project.
    - The remainder of the meeting was spent on
      - the mission of the COC and the duties of its members, and
      - the activities of several other AAPG committees, including the Convention Coordination Committee, whose chairman, Tom Chidsey, discussed the current convention as well as conventions in general.

### **Peter G. Gray, Chair**

Committee members: George Bole, Dave Campbell, Brian Cardott, Edward Dolly, Pete Gray (chair), Robbie Gries,

Walter Grün, Ed Heath, John Hogg, Don Lewis, Bob Lindblom (vice chair), Clint Moore, Bill Morgan, Michael Party, Pierce Pratt, Deborah Sacrey, Valary Schulz, Ray Thomasson, Art Van Tyne, and Mark Wilson. Gries and Thomasson are past presidents of AAPG. Liaison to the COC included Steve Sonnenberg, AAPG president-elect, and Linda Burris, AAPG headquarters staff.

## Computer Applications and Internet

*The development and maintenance of the AAPG's World Wide Web site is the responsibility of the AAPG headquarters staff and their service vendors. The AAPG Computer Applications and Internet Committee is a volunteer advisory group of AAPG members responsible for formulating recommendations to improve the value of the Web site to visitors, especially to members of AAPG. The committee concentrates on suggestions related to (1) content and organization of the Web site, (2) technical presentation standards and quality, (3) functional enhancements, especially those that improve inter- and intra-committee communications, (4) assisting the AAPG staff in long-range planning for the use of the Web site and the Internet, and (5) developing and recommending organizational and decision-making infrastructure.*

### GIS

The AAPG GIS database initiative has made significant progress this past year. The vision of creating a "one-stop online shopping center" for digital geoscientific data is progressing nicely, particularly with the recent creation and implementation of the AAPG GIS-UDRIL database, which comprises various digital GIS spatial data.

Currently, members are able to search via keyword or map-based geography and retrieve journal articles via the Datapages/MemberNet portal, and retrieve geo-referenced spatial data such as maps, cross sections, seismic sections, and various data tables in the GIS-UDRIL database. The Computer Applications and Internet Committee (CAIC) believes the next major and critical step is to create a "master" GIS portal to disseminate all available and future AAPG digital data, as well as access other key industry digital geoscientific GIS data available from other sister societies. Rick Fritz has recently proposed such a concept, and the CAIC will support the initiative going forward.

The CAIC has been working with John Shelton, John Wolff, and Jingyao Gong in the AAPG GIS group to assist in implementing the GIS-UDRIL database by reviewing concepts and ideas proposed by the GIS group, and offering optimization feedback. Additionally, the CAIC also supports the creation of an option in the GIS portal, which allows a worldwide keyword and map-based geographic search capability for producing field analogs—one of the more challenging tasks for the practicing geoscientist.

The CAIC is currently focusing on three main issues: (1) increased awareness regarding the application and benefit of digital GIS data in the workplace through various training offerings; (2) working with the AAPG editor and authors to augment the GIS information within submitted AAPG copyrighted *Bulletin* articles, which will enable various maps and data to be efficiently georeferenced and therefore available for dissemination through the AAPG GIS portal; and (3) being available for consultation regarding active GIS issues as the project is advanced and further improvements and services are implemented.

#### **AAPG Web Site**

This past year, numerous improvements have been implemented on the AAPG Web site: online registration for conventions, online annual dues payments, online address change and an addition of a “lost members” list. The House of Delegates Web pages have been reorganized for ease of use, implementation of various online short courses, and addition of student chat rooms and e-mail domains. The AAPG Web site content was recently migrated to the AAPG server, which has allowed more flexibility to implement improvements to the Web site content and design. Plans include launching the ‘new’ AAPG Web site design after beta testing by various CAIC members and using the AAPG Web server as an ISP for smaller geological societies; i.e., those with limited resources for Web hosting.

#### **Grants-in-Aid Online Application**

The CAIC has been working with Pete MacKenzie (Grants-in-Aid acting chairman), Rebecca Griffin (AAPG Foundation Grants-in-Aid coordinator), Denise Cox (past Grants-in-Aid chairman), and Kevin O’Neill of Confex (same company that manages the abstract submission), to establish the Web-based online application process for students applying for Grants-in-Aid

monies. The process has been successfully implemented, and the Grants-in-Aid committee members were able to review and score applications via the Web-based process. Plans include optimization of the overall process, including better ways to sort and evaluate scored applications. The obvious benefits of the online process include digital data retention and management, and an efficient means for students to apply for the Grants-in-Aid monies.

#### **Electronic Balloting**

The CAIC has been working with the Ballot Committee to assist in characterizing the initiative for AAPG elections electronic balloting. Implementing the electronic balloting initiative, pending member approval, is expected in September 2003. Once final approval is acquired, two members of the CAIC will work with the Ballot Committee to evaluate potential vendors that will implement and host the online balloting process.

#### **Standing Committee Web Sites**

The various Standing Committee Web sites content has continued to improve this past year, but more improvements can be made. Last year the CAIC created a list of minimum data requirements (e.g., meeting minutes, schedule, committee participant list) and suggested data requirements (e.g., presentations, pertinent links, etc.) and is continuing to work with various committee chairs for implementation. The CAIC believes that all committee Web sites should be maintained on a regular basis because this allows an efficient review by all interested the current and planned activities of each AAPG Standing Committee.

#### **GGE Student Jobs**

Vickey Sare, CAIC member, has been a key member of the GGE (geology, geophysics, and engineering) Student Jobs initiative group (formally known as VSE or Virtual Student Expo). Vickey has been working to establish a digital outline to aid students in developing their personal GGE Student Jobs submission. The submission can include a digital streaming video, resume and PowerPoint presentation of pertinent technical topics. Once assembled, the data will be posted on the GGE Student Jobs Web site, and will then be available for review by subscribing companies.

#### **Bret Fossum, Chair**

Committee members: Paul E. Belanger, Peter A. Brennan, Amy Lee Burke, Elizabeth B. Campen, Christopher D. Connors, Bret J. Fossum (chair), Paul M. Gerlach, Ina Proske Immega, Hannes E. Leetaru, Peter M. Lloyd, James McDonald, Lawrence W. Osten, F. Pierce Pratt, Mike Unger, and Jeffrey M. Yarus.

## **Conventions**

*The mission of the Committee on Conventions is to (1) assist local organizing committees in planning, coordinating, and conducting AAPG annual meetings and AAPG international conferences (includes providing guidance on creating excellent technical programs, field trips, and short courses); (2) make recommendations to the AAPG Executive Committee on annual meeting and international conferences site locations; (3) make recommendations to the Executive Committee on permanent rotations for domestic annual meetings and for international conferences; and (4) provide a training ground for future local organizing committee members.*

The Committee on Conventions has two main purposes. First, it makes recommendations to the Executive Committee on where to hold future annual meetings and international conferences. Second, it provides to local organizing committees support and advise (when requested) on how to organize a convention or international conference. The committee is populated with former and future convention and conference chairs experienced in coordinating and organizing meetings.

The Committee on Conventions has two standing subcommittees: the Technical Program Subcommittee responsible for providing technical program support to technical program committees and the International Conferences Subcommittee, which provides support and information to local international conferences program committees.

Key accomplishments of the Committee on Conventions in 2003 included the following:

- Recommendation to change the annual meeting rotation to a five-year rotation with three fixed cities (Houston, Denver, New Orleans) starting in 2006. The remaining two slots would be “open” alternating between cities such as Dallas, San Antonio, Salt Lake City, and Calgary. The recommendation was based on analysis of convention attendance,

- local society size, revenue, expenses, and profit.
- Recommendation to hold international conferences in Mexico (2004), Paris (2005), and Perth (2006).
  - Actions by the Technical Program Subcommittee to (1) use technical program judging results to improve future technical programs, (2) reduce recycling of papers, (3) bring in "new blood" to future technical program committees, and (4) increase the effectiveness of the Technical Program Subcommittee in providing support and advice to local organizing committees.

**Erik P. Mason, Chair**

Committee members: Jeffrey W. Lund, Erik P. Mason (chair), Debra K. Nishida, Daniel L. Smith, and Steven L. Veal.

**Corporate Advisory**

*The Committee on Corporate Advisory shall provide a channel of communication between the Association and corporations that employ large a number of members of the Association; it shall consider matters, including plans, programs and scientific projects, to which large corporations, through their support, can contribute to the scientific and professional well-being of the members of the Association and to the public welfare; members of the Committee shall be chosen from among the top fifty corporate employers of Association members.*

During the past year, the Corporate Advisory Committee (CAC) as a whole or through its individual members gave advice on and/or mobilized significant financial and in-kind support for the following:

- Growth of AAPG membership. Halliburton generously agreed to support dues of all AAPG student members; this resulted in 1000 additional student members.
- New products and services (e.g., improvements to Datapages, GIS-UDRIL, publications aggregate of AAPG/Society of Exploration Geophysicists/Geological Society of America/Geological Society [London] and others, virtual student expos). CAC members significantly contributed to cover the expenses of a feasibility study of the publications aggregate.
- Recruiting. CAC discussed generic, industry-wide recruiting issues and shared experiences. CAC members contributed to funding of real and virtual student expos.

- Educational needs (e.g., high school learning, the Teaching Petroleum Geology initiative, life-long learning, e-learning). AAPG's new comprehensive four-level educational offer was reviewed and commented on and is being supported by the CAC.
- AAPG Conventions, International and Regional meetings (e.g., Cairo 2002, Barcelona 2003, Cancun, Mexico 2004, International APPEX [London 2003, 2004], Hedberg Conferences).
- Long-term funding model for AAPG.
- Current trends and future issues in the energy, environmental, and minerals industry.
- Representation of the geological professions and AAPG before legislative/regulatory bodies, key influencers (including politicians and the press) as well as the public at large.

The CAC at all times cooperates with appropriate AAPG committees and keeps them and the Committee on Committees informed through its Web site, newsletters, agendas, and minutes.

**Wolfgang E. Schollnberger, Chair**

Committee Members: Mahmoud M. Abdul-Baqi, Peter Aronstam, Annell Bay, Mikhail Belonin, Clarence Cazalot, Jim Emme, John W. Gibson Jr., William H. Hunt, Richard Lanaud, Loren Leiker, Ray Leonard, Wolfgang Nachtmann, Rod Nelson, Wolfgang Schollnberger (chair), Peter Schwans, Tom Schull (vice chair), Alex Vandenberg, William Wescott, and Edith Wilson.

**Distinguished Lecture**

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

The objective of the Committee is to nominate and select distinguished speakers for fall-spring lecture tours. These tours are designed to provide academic and affiliated societies access to outstanding geoscientists showcasing their recent work. The committee currently consists of 24 dedicated professionals, representing 7 oil and gas companies, 3 consultants, 11 academic institutions, and 3 state and governmental offices. Based on the success of the 2002–2003 season (Table 1) and the breadth of speakers for 2003–2004 (Table 2), the committee continues to maintain a high caliber and balanced roster of lectures that bring a diverse sampling of our science to wide audiences.

The estimated cost for the 2002–2003 domestic and international tours is \$220,894 (about \$60,000 less than the previous year). This includes \$64,395 for direct travel and \$191,909 (an increase of approximately \$30,000) in operations expenses. Income from host societies, about \$35,950, will partially defray these expenses, with the AAPG Foundation using its Distinguished Lecture Fund to subsidize the remainder of the expenses incurred for this educational program.

The eight 2002–2003 domestic Distinguished Lecturers provided a total of 108 visits, 47 in the eastern section and 61 in the western part of North America and reached an audience of 7654 (37 geological societies and 70 universities). AAPG and the Society of Exploration Geophysicists (SEG) rotate responsibility for the AAPG-SEG Intersociety Distinguished Lecturer. In 2002–2003, SEG coordinated the tour with Jerry M. Harris as the selected speaker. He visited 23 groups.

As a result of the safety and security issues associated with the Iraq War, most of the International Distinguished Lecture (IDL) program was suspended. Three international speakers were able to visit parts of regions, including John Kaldi in India, Australia, and Brunei; Gordon Knox in Australia, southeast Asia, and China; and Charles Kluth in the northern part of Latin America. These speakers delivered 12 lectures, in Australasia, Latin America, and India to an audience of 1003. The total attendance for the domestic and international program was 8657.

The current plan is for Charles Kluth to complete the southern part of Latin America in September 2003. Depending on available funding, the remainder of the 2002–2003 IDL tours will be scheduled in 2004 and 2005.

The 2003–2004 tours promise to be equally successful. To date, we have received 256 requests for the slate of 8 speakers to tour throughout North America.

Continuing the cooperative effort with the Society of Petroleum Engineers (SPE), AAPG proposed Neil Hurley as the Intersociety Distinguished Lecturer for 2003–2004, with Wolfgang Schollnberger proposed by SPE for AAPG.

AAPG appreciates the efforts shown by the Distinguished Lecturers' companies and universities in providing the resources required to develop superior slides and/or graphics for PowerPoint presentations required for their talks and for the extended periods of time away from the office for the tours, occasionally as much as six weeks.

The committee continues to offer the graphics on the Web site, which can be downloaded for review and to benefit those who did not have the opportunity to attend the lectures. Depending on the willingness of the Distinguished Lecturers, these slides are offered following the Distinguished Lecture tours.

We are pleased the significant support from the AAPG Foundation has continued as a result of major contributions to its 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 Corp.; and J. Ben Carsey (a bequest from J. Ben Carsey Jr., in memory of his father, a former AAPG president).

**Table 1. 2002–2003 AAPG Distinguished Lectures**

**North America Distinguished Lectures**

**Thomas Ahlbrandt**

U.S. Geological Survey, Denver, Colorado  
 "Assessment of Global Oil, Gas and NGL Resources Based on the Total Petroleum System Concept"

**John Anderson**

Rice University, Houston, Texas  
*Haas-Pratt Funded Distinguished Lecturer*  
 (1) "Variations in Late Quaternary Stratigraphic Architecture in the Northern Gulf of Mexico: Generating Stratigraphic Models from Case Studies"  
 (2) "Antarctica's Contribution to Eustasy"

**Dennis Beliveau**

Epic Consulting Services, Calgary, Alberta, Canada  
*AAPG/SPE Inaugural Intersociety Distinguished Lecturer*  
 "Reservoir Heterogeneity, Geostatistics, Horizontal Wells, and Black Jack Poker"

**John R. Delaney**

University of Washington, Seattle, Washington  
 (1) "NEPTUNE: A Submarine Network of Interactive Laboratories at the Scale of a Tectonic Plate—A New Paradigm in Ocean and Earth Sciences"  
 (2) "Volcanoes, Oceans, and Life in Our Solar System"  
 (3) "Anatomy of a Submarine Hydrothermal Field"

**Emery D. Goodman**

ExxonMobil, Houston, Texas  
*J. Ben Carsey Funded Distinguished Lecturer*  
 "Genetic Approach to Understanding a Complex Hydrocarbon System: Caribbean Colossus of East Venezuela"

**G. Michael Grammer**

Western Michigan University, Kalamazoo, Michigan (formerly of ChevronTexaco, Houston)  
 (1) "Predicting the Distribution and Geometry of Platform Carbonate Reservoirs—Insights from the Integration of Modern and Outcrop Analogs"  
 (2) "Using Comparative Sedimentology to Unravel the Dynamics of Carbonate Systems—Lessons Learned and Future Directions"

**Jerry M. Harris**

Stanford University, California  
*AAPG-SEG Intersociety Distinguished Lecturer*  
 "Crosswell Seismic Profiling: The Decade Ahead"

**Lidia Lonergan**

Imperial College, London, United Kingdom  
*Allan P. Bennison Funded Distinguished Lecturer*  
 "Sand Remobilization and Injection in Deepwater Systems: Implications for Enhanced Reservoir Production"

**Cindy Yeilding**

BP, Houston, Texas  
 "The History of a New Play: Thunder Horse Discovery, Deepwater Gulf of Mexico"

**International Distinguished Lectures**

**Timothy R. Garfield**

ExxonMobil Exploration, Houston, Texas  
 Western Europe  
*Dean A. McGee International Funded Distinguished Lecture*  
 "Sequence Stratigraphy and Facies Architecture of Deepwater Reservoirs: New Data, Tools and Concepts"

**John Kaldi**

National Centre for Petroleum Geology and Geophysics, University of Adelaide, South Australia  
 Asia/Indonesia  
 (1) "Evaluating Seal Potential of Top and Intraformational Seals"  
 (2) "Seals and Leaks in Dynamic Petroleum Systems: The East Java Sea, Indonesia and the Timor Sea, Australia"  
 (3) "Rocks, Holes, and the Fire Brigade: Understanding the Pore Geometry of Reservoir Rocks"  
 (4) "Upstream of Upstream: Preparing Professionals for the Petroleum Industry"

**Charles F. Kluth**

Kluth & Associates, Littleton, Colorado (formerly with ChevronTexaco, San Ramon, California)  
 Latin America  
*Roy M. Huffington Funded Distinguished Lecture*  
 "Fun with Dip! The Predictive Use of Dip Data to Improve the Interpretation of Fold Traps"

**Gordon Knox**

Exploration Consultant, Balzan, Malta  
 Australia/Indonesia/southeast Asia  
 (1) "Subsurface Risk and Uncertainty Assessment in Petroleum Exploration—The Challenges"  
 (2) "Ways of Working and Organization in Exploration"

**J. F. "Rick" Sarg**

ExxonMobil Exploration, Houston, Texas  
 Middle East  
 (1) "Carbonate Sequence Stratigraphy—Future Directions for Exploration and Development"  
 (2) "Predictability of the Stratigraphic Record from the Outcrop to Multiple Seismic Attributes—Past, Present and Future"  
 (3) "Sequence Stratigraphy, Sedimentology, and Economic Importance of Evaporites and Evaporite-Carbonate Transitions"

**A. M. Celal Sengor**

Technical University of Istanbul, Turkey  
 Central Asia/Europe  
 (1) "Tectonic Evolution of the Altai and Continental Evolution in Asia in the Paleozoic and Mesozoic"  
 (2) "Tectonic Evolution of the Tethysides"

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**  
**J. Calvin Cooper, Vice Chair**

Committee members: John B. Anderson, Mark Cooper, Gregor Eberli, Frank G. Ethridge, Richard H. Groshong Jr., \*Alfredo Guzman, Peter H. Hennings, Robert A. Horton Jr., Chacko J. John (EMD representative), Charles Kerans, Alan S. Kornacki, Lee F. Krystinik, Byron Kulander, David K. Larue, Stephen E. Laubach, Dale A. Leckie, Michael D. Lewan, Stanley T. Paxton,

S. George Pemberton, Matthew J. Pranter, Barbara J. Radovich, and J. Frederick Sarg.  
 International Subcommittee: John Armentrout, Felipe Audemard, Paul Crevello, Barry A. Goldstein, Anthony (Tony) Grindrod, \*Alfredo Guzman, Nosa Omorodion, Henry S. Pettingill, Frank J. Picha, and Gabor Tari.  
 Western European Subcommittee: Anthony (Tony) Grindrod (chair); Thomas

**Table 2. 2003–2004 AAPG Distinguished Lectures**

**North America Distinguished Lectures**

**Richard J. Behl**

California State University, Long Beach, California

- (1) "Methane Hydrates and Climate Change: The Clathrate Gun Hypothesis"
- (2) "Miocene Monterey Formation of California: Plankton to Petroleum, Source to Reservoir"

**Linda M. Bonnell**

Geocosm, LLC, Austin, Texas

- (1) "Sealed, Bridged or Open—A New Theory of Quartz Cementation in Fractures"
- (2) "Reservoir Quality Prediction in Deep Water to Tight Gas Sandstones Using a Process/Stochastic Modeling Approach"

**David W. Bowen**

Consultant, Bozeman, Montana

*Haas-Pratt Funded Distinguished Lecturer*

"Understanding the Impact of Variations in Incised Valley Fill Systems on Reservoir Development: Examples from the Pennsylvanian and Cretaceous Strata of the Rocky Mountain Region"

**Steven R. May**

ExxonMobil, Houston, Texas

*AAPG-SEG Intersociety Distinguished Lecturer*

"Visualization and Volume Interpretation in Geoscience: 3-D Seismic and Beyond"

**Luis Pomar**

Universitat de les Illes Balears, Palma de Mallorca, Spain

*Allan P. Bennison Funded Distinguished Lecturer*

- (1) "Types of Carbonate Platforms: A Genetic Approach"
- (2) "Reservoir Scale Heterogeneity of Carbonate Platforms—Some Constraints from the Miocene of the Western Mediterranean"

**Wolfgang E. Schollnberger**

BP plc, Middlesex, England

*AAPG/SPE Intersociety Distinguished Lecturer*

"E-Field: Combining in Real-Time a Deep Look into Reservoirs with a Deep Look into Markets"

**Anthony Sprague**

ExxonMobil, Houston, Texas

*J. Ben Carsey Funded Distinguished Lecturer*

"Physical Stratigraphy of Clastic Strata: A Hierarchical Approach to the Analysis of Genetically Related Stratigraphic Elements for Improved Reservoir Prediction"

**Bruce D. Trudgill**

Colorado School of Mines, Golden, Colorado

- (1) "Unraveling the Complexities of Salt Basins through the Integration of 3-D Seismic Analysis, Field Studies, and Structural Restoration"
- (2) "Canyonlands Grabens of SE Utah: A Natural Laboratory for Understanding Fault Growth"

**International Distinguished Lectures**

**John Castagna**

School of Geology and Geophysics, University of Oklahoma, Norman, Oklahoma

Australasia/Indonesia

"Using Spectral Decomposition to Increase Confidence in Direct Hydrocarbon Indicators"

**Carlo Doglioni**

Universit  La Sapienza di Roma, Italy

Central Europe

"Global Tectonic Asymmetries and Applications to Europe"

**Robert S. Tye**

PetroTel, Plano, Texas

China/southeast Asia/Indonesia

- (1) "Geomorphology and Sedimentology Illuminate the Spatial Variability of Porosity and Permeability in 3-D Models of Coarse-Grained Fluvial Deposits"
- (2) "Interpreting the Dimensions of Ancient Fluvial Channel Bars, Channels, and Channel Belts from Wireline Logs and Cores"
- (3) "Unique Well Designs and Development Plans Boost Production from Fluvial-Deltaic Reservoirs: Prudhoe Bay Field, Alaska"
- (4) "Quantitatively Selecting Modern-Depositional Analogs for Fluvial-Deltaic Reservoirs"

**Richard Swarbrick**

University of Durham, United Kingdom

Latin America

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

**Abdulkader Affi**

Saudi Aramco

Middle East

- (1) "Characterization and Development of the World's Largest Fields"
- (2) "A Decade of Deep Gas Discoveries in Saudi Arabia"

**Wolfgang Schlager**

Free University, Amsterdam, Netherlands

Western Europe

"Basic Patterns and Controls on Carbonate Depositional Systems"

Aigner, Germany; Philip A. Allen, Ireland; Mateu Esteban, Spain; Jaap W. Focke, Netherlands; Walter P. Grün, Austria; Hemin Koyi, Sweden; Jean Letouzey, France; Emiliano Mutti, Italy; David G. Roberts, United Kingdom; Hans Ronnevik, Norway; Finn Surlyk, Denmark; and Rudolph Swennen, Belgium.

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; and Alexander A. Kitchka, Ukraine.

\*On both the domestic and international committees

## Diversity Membership (ad hoc)

### Why have a Diversity Subcommittee?

In any organization, whether social or business oriented, it is critical to have a large pool of talent with perspectives not necessarily shared by any given homogeneous group. AAPG can take the lead in the industry to mentor young diverse talent in the high schools or universities into joining the petroleum geosciences community, thus helping to revitalize the energy industry and better represent the makeup of the diverse population and international society in the AAPG.

### When and where have we met?

The initial workshop was held in Houston in December 2002. AAPG President Dan Smith and AAPG Membership Committee Chairman Bob Countryman joined committee members along with Conrad Allen, president of the National Association of Black Geologists and Geophysicists (NABGG) via conference call. Isaac "Ike" Crumbly from Fort Valley University, Georgia, gave a presentation emphasizing how many minority students graduate and go into the energy fields through his Cooperative Developmental Energy Program. Subsequent meetings have been via teleconference and our annual meeting was held at the AAPG Annual Meeting.

### What have we done?

Two minority associations requested official association with AAPG: The Association of Women Geologists and the NABGG. After clearing review by

AAPG's Executive Committee and the House of Delegate's Resolutions Committee, both organizations were unanimously admitted as associate societies by the House of Delegates in Salt Lake City. In addition, a named grant in honor of Ike Crumbly of Fort Valley University in Georgia was established with the AAPG Foundation. The "Ike Crumbly Minorities in Energy Grant" will provide support to deserving students pursuing graduate degrees in the geosciences who are from traditionally underrepresented groups (women and/or visible ethnic minorities such as Black, Hispanic, Asian, or Native American). Fundraising for this grant is now under way and contributions, clearly designated for this fund, may be sent to the AAPG Foundation.

### What might we do in the future?

Future action items might include the following:

- Recommend AAPG keep membership statistics to ensure minority accuracy.
- Take the AAPG VGP/Distinguished Lecture Program to minority schools.
- Suggest the Web site give more prominence to industry careers.
- Insert AAPG news in Association newsletters and vice-versa.
- Increase mentoring at the high school level to encourage more minority students to enter the earth sciences.
- Have AAPG representatives at Ike Crumbly's yearly "Work Day."
- Use AAPG's technical training centers to target women reentering the work force.

We can't change the world in one day, but we should do our best to begin the process of change.

### Gonz Enciso, Chair

Committee members: Gonz Enciso (chair), Pete Carragher, Lyle Baie, Robbie Gries, Jean Hsieh, and Reggie Spiller.

## Education

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

The Education Committee had a busy year reviewing and extending educational programs. We added eight new courses or field seminars for next year and completed an on-line member survey. Short courses were not as popular this year as field seminars. Of the 17 short courses offered by the Education Department, 8 were held for 196 attendees while 15 of the scheduled 18 field seminars were held for 244 attendees. The 15 Interactive On-line Learning (IOL) modules created by staff at the Bureau of Economic Geology were launched early in the year and several hundred sessions have been completed. The Committee and AAPG staff are busy evaluating how to improve the content and delivery of this and other types of self-paced, on-line learning.

The Teleportec system, a sophisticated 3-D video-conferencing solution for distance learning demonstrated a live 3-D connection between Dallas and Norway at the annual meeting in Salt Lake City. Several major oil companies in the United States and overseas have installed this system and an installation has also been made at the Ellison Miles Geotechnology Institute in Dallas. Comments were very positive, and we are seeking the cooperation of locations where this system is installed to present selected course offerings in the near future.

An online survey developed and run by an oil industry survey consultant was conducted to determine member satisfaction and needs for our education programs. Employment, experience, and other demographic information provided by the more than 2000 respondents to the survey proved to be consistent with total membership demographics and gave us confidence that the survey results are representative of member opinions. Responses both reinforced and challenged our opinions on the scope, delivery, and member satisfaction with AAPG education programs. In summary, 54% of respondents were consultants or worked for independents and 18% for majors with two-thirds over the age of 45. Most (53%) had taken 1–3 training classes in the last two years, but 31% took no classes. Also, 71% received training through in-house programs or consultants. Of the 23% respondents who took training from AAPG, 74% rated AAPG courses as above average to excellent in value. The preferred course location is a meeting or convention (55%) and respondents said they are less likely to sign up for on-line courses. Surprisingly, of those indicating that online training was among their top 3 modes of



course delivery, most were also more experienced and hence older (>50 years of age). Many suggestions for new courses were also received and are being evaluated.

**Robert Young, Chair**  
**Ross Clark, Vice Chair**

Committee members: Kevin Allison, Art Bishop, Dudley Bolyard, Robert Clarke, Mark Clement, Denise Cox, Herman Darman, Jim DiSiena, Martin Dubois, Emmanuel Enu, Jim Forgotson, Eric Frodesen, Tony Grindrod, Bill Hansen, Ben Hare, Bill Haskett, Terry Hutter, Margie Kloska, Chuck Kluth, Peter Lloyd, Dan Nedland, Jeff Nunn, Mike Party, Rima Petrossian, Stan Pittman, Skip Rhodes, Vaughn Robison, Steve Sonnenberg, Mark Sonnenfeld, Gloria Sprague, Sarah Stanley, Scott Tinker, Jim Tucker, Jeffrey Warren, MaryBeth Wegner, and John Wickham.

## Ethics

*The purpose of the Ethics Committee is to review information supplied through the AAPG Executive Director regarding grievance complaints of alleged violations of the AAPG Code of Ethics by members of the Association. It is the committee's responsibility to determine if there is evidence supporting an ethics violation. If so, the committee submits the supporting evidence to the Advisory Council for further review and disposition of the case.*

During the 2002–2003 fiscal year there were no grievances filed against members of the Association.

At the AAPG Leadership Conference in February the chairman of the Committee, with the help of Peter R. Rose, conducted a mini-summit on ethics. From this group it was proposed that there are two major issues within the Association: ethics awareness and handling of ethical lapses.

Several recommendations related to these two areas were submitted to the AAPG Executive Committee for consideration.

Two main thoughts regarding the ethical status of the Association were submitted to the attendees: members are, by and large ethical; and the AAPG is not proactive in promoting ethics among the membership nor in disciplining ethical violations.

Recent action by the AAPG House of Delegates approved an increase in the membership of the Committee from three to five members. The primary reason for this change was to allow for sufficient membership participation in

the event that a member of the Committee had to be rescued from any given grievance case.

**Robert T. Sellars Jr., Chair**

Committee members: George R. Bole, James A. Gibbs, Robert T. Sellars Jr. (chair), and Stephen A. Sonnenberg.

## Grants-in-Aid

*The purpose of the AAPG Foundation Grants-in-Aid program is to foster research in the geosciences by providing support to graduate students in the earth sciences whose research has application to the search for and development of petroleum and energy-minerals resources, and to related environmental geology issues.*

### Awards Summary

The AAPG Foundation Grants-in-Aid program received 331 applications for review this year. This is an increase of 66 or 22% from the previous year (Table 1). Ninety-seven monetary awards were made this year totaling \$167,000. The total number of awards decreased only slightly from the previous year. A total of 29% of the applicants received awards this year for an average grant of \$1722, both a slight decrease from the previous year. Restricted grants were again awarded by year to the top scoring, eligible applicants.

A total of 167 doctoral candidates applied for awards compared to 164 master's candidates, or those seeking the non-U.S. school's equivalent degree. Twenty-three percent of the doctoral candidates received awards, as did thirty-five percent of the master's candidates. Of the total awards granted, 40% were to doctoral candidates and 60% were to master's candidates.

Of the applications received, 54% were from non-U.S. citizens, down slightly from 57% last year. The applications funded are based on competitive ranking and resulted in an award population of 61% U.S. citizens (Table 2). Further analysis reveals that 62% of all the applicants are enrolled in U.S. schools, as are 78% of those receiving awards (Table 3).

The Grants-in-Aid program continues to reach out to students through its Web site. For the 2003 program year, a postcard was sent to more than 1300 schools around the world announcing the Grants-in-Aid program. The postcard referred applicants to a downloadable version of the Grants-in-Aid application form via the AAPG Web site. Hard copies of the application can be requested from AAPG.

For the first time, applications were input by the AAPG Foundation staff into the CONFEX Grants-in-Aid database and were successfully reviewed by the Committee online. The complete process for the 2004 program will be administered online (application and review).

The list of the 2003 award recipients was announced at the AAPG Annual Meeting in Salt Lake City and made available on the AAPG Web site. Abstracts of theses and dissertations from students who received financial grants in 2003 will be published on *Search and Discovery*, AAPG's online journal. 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 program.

### Funding

Of the total \$167,000 amount awarded, \$99,750 was provided by the Foundation Grants-in-Aid fund and \$67,250 was from AAPG Foundation named grants honoring institutions and distinguished AAPG members. Four new named funded grants were established within the AAPG Foundation and made available for the 2003 award year: Weimer Family Grant, Donald A. O'Nesky Named Grant, James E. Hooks Memorial Grant, and Richard W. Beardsley Named Grant.

The funds from the Foundation and the named grants allow the Grants-in-Aid program to continue rewarding excellence in petroleum, energy minerals, and environmental research. The Grants-in-Aid Committee encourages all AAPG members to support the Foundation Grants-in-Aid program and to consider endowing a named grant during their lifetime so they can experience the benefits and rewards of their charitable donations.

### Committee

For the 2002–2003 program year, the Committee comprised 47 active members with geographic representation from Australia (1), Belarus (1), Brazil (1), Bulgaria (1), Canada (2), United Kingdom (3), Mexico (1), Netherlands (2), Thailand (1), Ukraine (1), and the United States (33). The Grants-in-Aid Committee aggressively recruits international members. This is facilitated by the International Region presidents and service team leaders.

Many people deserve recognition for their roles in making the Grants-in-Aid program a success in 2003: 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; the AAPG Foundation staff who are responsible for administration of the Grants-in-Aid program, whose effort this year is particularly notable; Bret Fossum of the Computer Applications and Internet Committee for his diligent work in facilitating the establishment of the online review process; and to Denise Cox, chair emerita of this Committee for her well-reasoned guidance throughout the year. 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, Vice Chair**

Committee members: George Ajdanlijsky, George Ardies, Kathy Aulstead, Robin Ausbrooks, Ralph Baird, Jennifer Beall, Ted Beaumont, Winston Bell-Gam, Andrei Belopolsky, Hedi Ben Tahar, Mark Bitter, Alton Brown, Raul Cabrera-Garzon, Monika Cogoini, Melissa Anne Coleman, Denise M. Cox, Christopher Crescini, Andrew Cullen, Stephen Edwards, Curtis Evert, Lee Fairchild, Anne Fix, Bret Fossum, Anthony Grindrod (vice chair), George Grover (chair), Alexander Gumen, Edgar Guevara-Sanchez, William Harrison, Denise Hodder, Jean Hsieh, Brian Keith, Ken Johnson, Alexander Kitchka, Henry Legarre, Steven Leslie, Kevin Meyer, Andrea Moscariello, Amy Osborn, Eric Potter, William Raatz, Maximiono da Silva Scuta, David Sivils, Robert Sneider, Robert Spoelhof, Russell Stands-Over-Bull, Neil Summer, Krystyna Swirydzuk, Jim Turner, Johnnie Wanger, Julia Wellner, Elizabeth Witton-Barnes, Laura Zahm, and Christopher Zahm.

## History of Petroleum Geology

*The purpose of the Standing Committee on the History of Petroleum Geology is to assemble and disseminate information on the history of our applied science and the careers and contributions of its practitioners. The scope of committee activities is worldwide.*

Under new leadership, the committee continued the pre-convention, Sunday afternoon programs established by the previous chair, Jerry Friedman. The theme of the 2003 Forum "Lessons Learned from Discoveries," echoed committee member Marlan Downey's "Wildcat Recollections," which appeared in the *Explorer* and is still available on the Web. Our Forum, chaired by Downey and Robert Ginsburg, featured three contrasting presentations:

**Table 1. 1995–2003 Funding History (Monetary Awards)**

Year	Applicants	Awards	Percentage of Applicants (%)	Amount Awarded (\$)
1995	198	59	30	87,614
1996	140	54	39	91,372
1997	179	61	34	96,542
1998	207	80	39	131,276
1999	273	127	47	155,500
2000	429	108	25	172,250
2001	305	100	33	172,000
2002	272	96	35	168,600
2003	331	97	29	167,000

**Table 2. Applications and Awards Historic Summary by Citizenship**

Year	Applications Received (%)		Applications Funded (%)	
	US	Non-US	US	Non-US
1995	50	50	61	39
1996	48	52	53	47
1997	44	56	43	57
1998	51	49	51	49
1999	47	53	51	49
2000	45	55	60	40
2001	34	66	53	47
2002	43	57	50	50
2003	46	54	61	39

**Table 3. Application and Awards Historic Summary by School**

Year	Applications Received (%)		Applications Funded (%)	
	US	Non-US	US	Non-US
1995	57	43	68	32
1996	58	42	66	34
1997	56	44	52	48
1998	59	41	61	39
1999	51	49	59	41
2000	56	44	72	28
2001	42	58	63	37
2002	59	41	63	37
2003	62	48	78	22

Michael D. Kuykendall of Conoco/Phillips explained how application of advanced technology and creative evolution of an exploration strategy was instrumental in the discovery of China's largest offshore oil field, Peng Lai 19-3, Bohai Bay.

Fred Barrett, president of Bill Barrett Corporation, recounted the lively history of Wyoming's Cave Gulch discovery, in which a revised interpretation of the structure beneath the Owl Creek overthrust was instrumental in finding this large field following a lengthy run of dry holes.

Marlan Downey showed how a regional facies approach combined with refined seismic analysis led to Shell's

success in finding small but profitable fields in the Silurian pinnacle reef play in Michigan.

The committee received numerous expressions of approval for the program from the audience, which varied from 40 to 60 persons. Plans are under way to continue the Forum series in 2004.

In its annual meeting, the committee considered a number of new activities to promote the history of petroleum geology. The two that received the most attention were "Classic Papers" and "Oral History of Petroleum Geologists." The Classic Papers initiative, which was originally proposed by John Masters and Elliot Riggs, was to select seminal papers, put them on the AAPG Web site, and publish a short

synopsis and explanation of their significance in the *Bulletin*.

To initiate a trial of such a series, AAPG Editor John Lorenz asked for three candidate papers and their summaries. The committee agreed to search for prospective authors.

Oral history interviews require experienced interviewers, transcription services, and a plan to choose those to be interviewed. We agreed that Chair Ginsburg and Vice Chair Hatcher would contact professional oral historians and archivists to explore the procedures and costs of organizing an oral history of petroleum geologists.

**Robert N. Ginsburg, Chair**  
**Robert D. Hatcher Jr., Vice Chair**

Committee members: Gerald M. Friedman, John George C. M. Fuller, Donald L. Gautier, Robert N. Ginsburg (chair), Donald C. Haney, Robert D. Hatcher Jr. (vice chair), Oliver T. Hayward, John C. Lorenz, James M. Party, Morton M. Pepper, Anthony Reso, Matthew R. Silverman, James W. Tucker, Arthur M. Van Tyne, Mario Wannier, and Donna C. Willette.

## Membership

*The function of the Committee on Membership is to facilitate membership in the Association by encouraging and reviewing applications, and subsequently recommending action. The Committee also monitors membership requirements and recommends changes in qualifications and classes of membership.*

The final membership numbers for 2002–2003 show an increase in more than 600 members for the year. Our membership total as of July 1, 2003, was 30,049, the first time we've started a new fiscal year with more than 30,000 members since eight years ago in 1995! AAPG has now increased membership for three consecutive years and for four of the last six years (see table and chart). An even more optimistic way of looking at it is that our membership is now at a new high for this century! This recent upward trend is certainly an improvement over the 12 consecutive years of decline that marked the period after our peak in May 1986 of 44,757 members.

When the membership numbers are studied in detail, they appear to mimic the trends seen over the past several years. The good trends include the following:

- We may be on a long-term trend of slowly increasing the membership year by year.

- We are growing international memberships at a good rate, with recent months showing about two-thirds of our membership growth to be international members.
- Student membership numbers have increased sharply, adding about 1000 members this past year (a 33% increase on a year-to-year basis), as a result of our corporate sponsorship program.

Drops for nonpayment this year were 2293 members (7.1%), slightly lower than last year's 2298 (7.2%) members. Since 1986, drops for nonpayment averaged about 6% per year. However since 2000, our drops have increased to greater than 7% per year.

This makes the last three years of net increase in membership an even more remarkable statistic because we've had to actually increase our membership by more than 7% per year to achieve a net increase. We are adding new members but our problem appears to be retaining those who are already members. Also note that the increase in student memberships was greater than the total year's increase. Without the large student increase, we would have ended the year with a small increase, or even possibly in a decrease in membership.

If we look closer at our drops, they appear to be made up of about one-fourth Active members, and three-fourth Associate and Student members. Our efforts at marketing the AAPG benefits to our members appear to have helped us lower our drops in Active members from 709 in 2002 to 620 in 2003. We see a similar drop in long-term (>4 years) Associate members (including the former Junior members) from 416 in 2002 to 375 in 2003. However, our drops for short-term (<4 years) Associate members and Student members have increased. To some extent this is expected because these members, early in their careers, are always the hardest to retain when jobs are scarce. In the future our student drops may further increase because those subsidized by the corporate sponsorship may prove harder to retain as they advance to Associate membership.

Another negative trend is that our "full" members (Active, Emeritus, Life, and Honorary) continue to decrease in number. Despite a total member gain of >1000 over the last three years, the number of full members during this period has decreased by about 900 members. Our efforts to recruit new Active members, and to upgrade existing Associate members, are not keeping up with life's natural attrition and professional

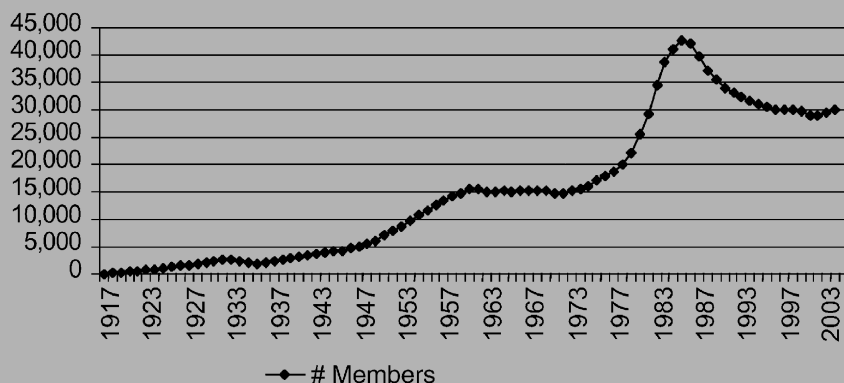
**Table 1. Membership by Year**

Year	No. of Members	Year	No. of Members
1917	94	1961	15,566
1918	176	1962	15,043
1919	348	1963	14,931
1920	542	1964	15,202
1921	621	1965	15,126
1922	767	1966	15,346
1923	901	1967	15,205
1924	1,080	1968	15,163
1925	1,253	1969	15,189
1926	1,504	1970	14,794
1927	1,670	1971	14,860
1928	1,952	1972	15,332
1929	2,126	1973	15,654
1930	2,292	1974	16,148
1931	2,562	1975	17,083
1932	2,558	1976	18,026
1933	2,336	1977	18,787
1934	2,043	1978	20,106
1935	1,973	1979	22,144
1936	2,169	1980	25,414
1937	2,331	1981	29,259
1938	2,646	1982	34,449
1939	2,951	1983	38,733
1940	3,240	1984	41,034
1941	3,474	1985	42,577
1942	3,717	1986	42,232
1943	3,923	1987	39,824
1944	4,109	1988	37,183
1945	4,326	1989	35,564
1946	4,676	1990	34,038
1947	5,039	1991	33,115
1948	5,530	1992	32,448
1949	6,160	1993	31,619
1950	7,052	1994	31,030
1951	7,892	1995	30,433
1952	8,804	1996	29,947
1953	9,778	1997	29,904
1954	10,759	1998	29,971
1955	11,673	1999	29,852
1956	12,535	2000	29,013
1957	13,434	2001	29,067
1958	14,207	2002	29,405
1959	14,832	2003	30,049
1960	15,420		

retirements. We're just not moving the younger members into Active status fast enough or retaining enough retiring members as Emeritus.

So what are we going to do about all this? We've done some significant things in the past few years, such as focusing on recruiting international membership, finding a corporate sponsor for student membership, initiating a membership drive and marketing AAPG's benefits to existing membership. We need to continue these programs as well as add additional programs. Now that the corporate sponsorship has helped us

AAPG MEMBERSHIP  
1917 to Present



recruit student members, we need to increasingly focus on our younger members in the coming years to retain them and advance them into Associate and Active membership in future years. Our focus this last year on actively marketing the benefits of AAPG membership has helped bring in new members through the membership drive and may have helped reduce our drops in the Active and long-term Associate membership. We need to continue this effort and work on further reducing our drops in these key groups. We need to continue our focus on increasing international membership, because this is where much of our growth is occurring, but we also need to focus on recruiting domestic membership as well. All of these efforts help recruit new members, but we still need to develop more programs aimed at retaining them. It's hard to significantly increase our membership when we are losing them at a >7% annual rate.

Our efforts to market AAPG as a "partner for life" seem to be gaining momentum, but it is critical that all of our members are aware of the benefits of AAPG membership. We need to advertise existing benefits as well as new benefits to the average member. We need AAPG's leadership to visit local societies to tout AAPG and its programs. I believe that the benefits of AAPG membership, especially the networking, are just too great to give up, even during periods of unemployment or underemployment, but obviously 7.1% of our membership this year didn't feel that way. We need to understand why and address those issues.

Our Subcommittee on Membership Diversity was very active this year. Chaired by Gonz Enciso, their accomplishments

for the year included extending invitations to the National Association of Black Geologists and Geophysicists (NABGG) and the Association for Women Geologists (AWG) to join AAPG as Associated Societies. Both groups applied and were formally accepted as Associated Societies by unanimous vote of the House of Delegates in Salt Lake City in May 2003. The Diversity Subcommittee has also set up a named grant in honor of educator Ike Crumbly of Fort Valley University in Georgia. The "Ike Crumbly Minorities in Energy Grant" will provide support to deserving students pursuing graduate degrees in the geosciences who are from traditionally underrepresented groups. The long-term goal of the Diversity Subcommittee is to encourage greater participation in AAPG by women and minorities. With a very successful first year under their belt, the members of this Subcommittee have very high expectations of future success toward achieving their goal under Gonz's leadership in the coming year.

Another very successful subcommittee was the ad hoc Membership Enhancement and Development Subcommittee chaired by Dave Campbell. This ad hoc committee focused upon two primary areas this year: a membership drive and the communication of the benefits of AAPG membership. The drive added 328 new members. The top recruiter, Yusak Setiawan of Unocal Indonesia, recruited 48 new members and earned a trip to Barcelona, Spain, the site of the 2003 International Conference. The membership drive will continue next year with the high-number recruiter for 2003–2004 receiving a trip to the 2004 International Conference in Cancun Mexico. The "Communication of Benefits" effort was equally successful with the rollout of the

AAPG Membership Benefits Pyramid and other communication efforts. All these programs are an effort to educate our membership on the rewards and benefits of being an "AAPG Member for Life."

#### **Robert L. Countryman, Chair**

Committee leadership: Bob Countryman (chair), Jane McColloch (domestic vice chair), John Karlo (international vice chair). Academia liaisons: Chris Heath and John Wickham. International region leaders: Nosa Omorodion (Africa), Chris Heath (Canada), Don Rusk (Europe), F. Hasan Sidi (Asia-Pacific) and Ibrahim Al-Ghamdi (Middle East region). Sectional leaders: Joan Barminski (Pacific), Martha Lou Broussard (Gulf Coast), Bob Cowdery (Mid-Continent), John Forman (Eastern), Valary Schulz (Southwest), and Robert Groth (Rocky Mountain).

Committee members: Ibrahim Al-Ghamdi, Martha Lou Broussard, Robert D. Cowdery, Edward D. Dolly, Gonzalo Enciso, John L. Forman, Robert J. Groth, John F. Karlo, Jane S. McColloch, William R. Meaney, Nosa Omorodion, Donald C. Rusk, Valary L. Schulz, F. Hasan Sidi, and John S. Wickham.

## **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.*

The Committee on Preservation of Samples and Cores participated in a series of meetings during 2002–2003 that addressed issues raised by the 2002 National Research Council (NRC), Board on Earth Sciences and Resources report "Geoscience Collections and Data:

National Resources in Peril." The AAPG and AAPG Foundation each contributed \$5000 to this study. The report documents the value of geoscience data for assessment and management of natural resources, geologic hazards assessment and mitigation, and understanding of the history of earth and life.

Sixteen committee members and nineteen guests participated in our 2003 committee meeting in Salt Lake City. Everyone was asked to identify actions and issues. There was a general pattern of states receiving local cores and samples as major companies closed their domestic offices. In nearly every state report, there are space problems and issues of continued state support for facilities. A major sample acquisition by the Texas Bureau of Economic Geology was accompanied by support funding and facilities. However, even with expansion, space is a problem. The Oklahoma Geological Survey has obtained major sample donations with support and acquired major space in a facility. The American Geological Institute (AGI) continues to support the Geoscience Data Preservation Committee (Note: All meetings have members of our committee in liaison.) Geotrek (AGI online facility link) is still evolving.

A major part of our agenda at the Salt Lake City meeting reviewed the status of several programs to address the NRC issues and recommendations.

#### **Academic Issues**

(Maples, meeting in Bloomington Indiana, January 2003). A technical committee is developing a formal protocol for citing core material utilized in publications. This would be similar to citations for literature. Searchable credit will be given for location and access to facilities. This visibility will strengthen the image and support for facility managers. It is also suggested that the committee attempt to identify "core advocates" within companies and agencies who could serve as a first-line response if internal collections are in peril. An additional suggestion is that op-ed pieces (similar to those in the *Explorer* and *Geotimes*) should be submitted to other publications. (Note: Maples is in process for the *Journal of Paleontology*, Steve Goolsby is in process for the *Rocky Mountain Association of Geologists Newsletter*, and Bob Sneider has published in the *Houston Geological Society Bulletin*. Others are needed.)

#### **National Science Foundation**

(Rich Lane message) NSF is considering proposals to provide funding in support of

facilities to acquire, maintain, and access materials generated by NSF-funded research. This is a link to academic projects and support and possibly paleontological collections.

#### **Federal Funding**

(Allison/Mankin) One section in the current Energy Bill that is moving through Congress contains funding to support a USGS-State Geological Survey cooperative effort to maintain state-based collections and facilities. This activity is modeled after the COGEOMAP process currently in effect. The Association of American State Geologists (AASG) is supporting and will monitor the progress of the legislation. Carlson was an invited participant on a panel focused on Preservation of Geoscience Data at the annual AASG meeting.

#### **Industry Support**

Bob Sneider has created (through significant contribution of personal time and funds) an AGI-based Foundation to acquire industry funds. A "National Science – Advisory Board for Preservation of Geoscience Data and Collections" has been created (in liaison with the Preservation of Samples and Cores Committee). Committee members should obtain and distribute this material. The intent is to generate support for regional facilities as a national priority and create a long-term endowment for geoscience data preservation.

As a part of the 2003 annual meeting, committee members Edie Allison and Steve Goolsby chaired a full-day Core Poster Session. Sixteen participants made significant effort and commitment. The session was very well attended and major discussions were obvious. Our committee was represented by signs and brochures. It has also been our policy to provide this kind of committee visibility at section meetings. Plans are well under way by Bill Almon and Lee Krystinik for the committee to sponsor a core poster session at the 2004 Dallas meeting.

As an ongoing activity, committee members continue to encourage the AAPG Affiliated Societies to increase member awareness of the preservation issues. These local efforts can both provide support and identify problems to be brought to our committee. We continue to focus on the problems and issues of orphan core and facility status. Liaison will continue with the various programs to implement the NRC recommendations.

**Marvin P. Carlson, Chair**  
**Sherilyn Williams-Stroud, Vice Chair**

Committee members: Edith Allison, Bill Almon, Allen Britton, Ed Coalson, Debra FitzGerald, Tom Gans, Steve Goolsby, William Harrison, John Horne, Bob Horton, Bob Hulse, Richard Inden, Larry Knauer, Anthony Kolodziej, Mike Kozimko, Rich Lane, Julie Ann Le Fever, Ernie Mancini, Carol Martiniuk, Bill Meaney, Bob Merrill, Jack Moody, Olugbenga Odusote, Doug Patchen, Jim Puckette, Steve Sonnenberg, Bruce Swartz, Stephen Tischer, and Lesli Wood.

## **Publication Pipeline (ad hoc)**

*The mission of the AAPG Publication Pipeline is to collect, inventory, box, store, and send donated geoscience periodicals and used technical books to university and other libraries overseas that are in need of them for use of students and faculty.*

Many libraries are available for donations as geologists retire, die, or leave the practice of geology for other interests.

To accomplish transfer of publications, the AAPG Publication Pipeline has been set up as an ad hoc committee of the AAPG. Donations of publications and money are credited to the AAPG Foundation, which is a tax-exempt organization. The foundation finances storage of donations until they are shipped. Our budget is \$3000 per year. Inventory of publications accepted, and those shipped out to libraries, is important in accounting for these assets.

From January 1, 2002, to July 2003, we received 43 separate donations of publications. These total about 518 banker's file boxes that weigh between 35 and 45 pounds each. Total weight of publications in storage is about 20,720 pounds.

Articles about the Publication Pipeline by George Klein in the *Explorer*, *Geotimes* and other publications continue to bring offers of donations of geoscience libraries.

Donated publications are gathered, inventoried, stored, and prepared for shipment in Houston with help of the University of Houston Geoscience Department and volunteers of the Publication Pipeline Committee, several of whom are from the Houston Geological Society or the Geophysical Society of Houston. We are in the process of putting on a computer database an inventory of all periodicals and books. When complete, that data will be displayed on our Web page, which is part of the AAPG Web site.

Almost all donations have been inventoried. The few outstanding are being completed.

The donations are stored at the U-Store in Humble, Texas, in three rented storage areas at a cost of \$200 per month. There, boxes for shipment overseas can be put on pallets and wrapped when shipment has been arranged.

Our donated holdings are being made known to universities overseas. We will try to work through AAPG regional presidents and local geoscience societies of the countries to learn what is needed and where the needs are. The publications we hold can be donated to any not-for-profit university, college, or library that is not owned by any one individual.

When a request is made for publications we sort boxes and prepare them for shipment.

When needs are made known to us, we work with others to recruit an oil and gas company, or another company, to ship the publications overseas. Shipment overseas would usually be done by companies operating in that particular country. Many companies have obligations to aid university education and the training of local residents to eventually be employed in the companies. We consider Publication Pipeline shipments an opportunity for such companies to partly meet that obligation. With the help of the company and of local geoscience societies and universities, the shipment is cleared through customs and then distributed.

We have many requests for publications from foreign universities and countries. Delays in shipments are caused by difficulty of finding companies or organizations to pay for shipments. We are near completion of arrangements to ship to Indonesia. This next year the emphasis will be in completing shipment overseas. Grants from organizations in addition to the AAPG may be sought for this worthy educational endeavor.

Among countries desiring publications are Afghanistan, Argentina, Georgia, India, Indonesia, Nigeria, Peru, Trinidad, Senegal, and Sierra Leon.

This year we sent 83 boxes of publications to universities in Thailand through ChevronTexaco, and 15 boxes to the Universidad Nacional de Tucuman in Argentina through the IAPG, Houston section.

Last year a shipment was made of more than 70 boxes to Nigeria by Conoco. They were distributed to universities in conjunction with the Nigerian Association of Petroleum Explorationists.

Shipment of publications overseas benefits students, universities, the company providing shipping, and the country receiving the geoscience publications in general. The AAPG, the University of Houston, and the Houston Geological and Geophysical Societies are pleased to join in this effort.

#### **Martin M. Cassidy, Chair**

Committee members: Martin M. Cassidy (chair), Deborah Adjakaiye, Kunle A. Adesida, David Angstadt, Michael Bryarly, John S. Dudar, Joe Forrest, Catherine Kidd, George Klein, Thomas Klopff, Nahum Schneidermann, Charlotte Sullivan, Rick Wall, Don Van Nieuwenhuis, Pinar Yilmaz, Eric Michaelis, and Gerrit Wind.

## **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.*

During 2002–2003, the committee worked closely with Editor John Lorenz, Geoscience Director Jack Thomas, and AAPG headquarters staff to streamline procedures and bring valuable publications to the membership in a more timely and cost-effective manner. From June 2002 to present, AAPG released 12 special publications, with 12 on track for release by June 2003. During the same period, the committee reviewed approximately 17 proposals for special publications, approving 15 of them.

Lorenz, Thomas, staff, and I worked to review the status of all publications—proposed or in progress—to ensure that all authors or editors received a response from AAPG and that all approved projects remained on schedule. We culled projects that were dormant, some of which had been in progress for five years or more. To keep this momentum, the AAPG staff now performs a significant role in “bird dogging” publications in progress, making contact with authors and editors frequently. We hope this eliminates the high cost of producing publications whose value drops because of tardiness or interim releases by other publishers.

This year, committee members have reviewed most proposals for special publications. Previously, reviewers came from AAPG membership at large, often leading to months of delay; committee members are asked to submit reviews within two weeks. We now send proposal decisions in about two months, but we

must reduce this to one month in the year ahead to ensure that our publications are timely.

Committee vice chairman, Bill DeMis, wrote guidelines for special publications compilation editors and authors. These detailed guidelines, which will be posted on the AAPG Web site, describe the compilation editor's responsibilities and the timeline for preparing the publication. We expect that these guidelines will help compilation editors understand their commitment and how to achieve it on time. We also updated the guidelines for preparing proposals for special publications and for reviewing new proposals. These guidelines should result in more informative proposals and more meaningful evaluations by our committee.

The committee also is working to improve financial results for AAPG publications. We plan to involve the entire committee in the critical work of soliciting papers for the *Bulletin* and proposals for special publications this year. We hope this will bring in publications to fill gaps in what AAPG offers and thereby improve sales of AAPG publications. An ad hoc committee, led by Jim Granath, has been developing ideas for publications that will appeal widely to AAPG members and the general public; the first of these might be an updated version of the geological highway map of Texas. Bill DeMis is exploring the proposed Compendium Series, which would provide brief updates on geoscience and related technologies for nonspecialists.

As usual, the committee welcomes several new members this year and thanks members leaving the committee for their diligence. I would like to thank Jim Granath for his continuing support, Doug Peters for his work as outgoing vice chairman, and Bill DeMis for volunteering to help with several demanding projects and as incoming vice chairman.

#### **Gretchen Gillis, Chair**

Committee Members: Stacy Atchley, Paul Catacosinos, Edward Coalson, Timothy Coburn, William DeMis, John Doveton, Mel Erskine, Donald Gautier, Steven Goolsby, James Granath, Carolyn Green, James Handschy, Barry Katz, Robert LoPiccolo, Eric Mountjoy, Terrilyn Olson, Douglas Peters, Francois Roure, John Shelton, Raymond Sorenson, Russell Stands-Over-Bull, Denise Stone, Michael Sweet, Anthony Tankard, Laird Thompson, Lesli Wood, and Pinar Yilmaz.

## Public Outreach Committee

*The function of the Committee on Public Outreach is to develop for AAPG members means of informing the public about geology in general and specifically the geology of petroleum and energy minerals, the industry that finds, develops, and provides energy to the public, and the true environmental impacts of meeting the public's energy needs.*

Presentations at the Washington, D.C. Conference, September 2002, "Energy and Environment: A Partnership that Works," are being prepared for publication. The report will be a color, glossy overview of environmental issues in the petroleum industry, attempting to bring some reality to the public discussion of our industry. The booklet is now in draft form, going through editing by the conveners and others. It will consist of six short papers with many illustrations: energy setting, alternative energy role, environmental evolution, environmental practices and current technologies, petroleum production in an urban setting, and offshore Atlantic exploration and production.

### Images for Web Site

Larry Fellows, State Geologist of Arizona, has volunteered some of his exceptional geological/scenic photographs for our Web site. The chair is working to provide a set entitled "Anatomy of a Reef," a virtual field trip, from one of his traveling talks, and also another virtual field trip, "Geology of Canadian Rockies."

### Climate Chart Progress

The chart is in press. We plan to distribute this chart to science teachers at both the high school and college level through their professional organizations. Bill Harrison is in charge of the project.

### Annual Meeting

At the annual meeting in San Diego, the committee voted to write a letter to the AAPG Executive Committee requesting they consider adding several positions to the headquarters staff to conduct a public relations program in concert with this committee, to include a mega-site for energy information, instant public relations response, and traveling information booths/displays for gem shows and other public gatherings.

Other discussions included the following:

- Pocket data chart: The Leadership Conference in February requested that this committee provide a card of

information to members so they can talk intelligently, with data, about the industry, energy, and issues.

- PowerPoint talks for members: Much discussion revolved around the need to have these, and to make them generally available. The chair was requested to look for such talks, and to work with the staff to get them on the Web site. This may require an additional subcommittee.

### Lee Gerhard, Chair

Committee members: M. Lee Allison, Paul E. Belanger, Charles E. Brown, Elizabeth B. Campen, Donald D. Clarke, Robert D. Cowdery, Vicki Cowart, Denise M. Cox, Jane R. Crouch, Lee C. Gerhard (chair), Richard G. Green, Raymond C. Leonard, Lowell K. Lischer, Charles J. Mankin, Christopher B. Martin, Thomas R. Moore, Terrilyn M. Olson, Donald A. O'Nesky, William D. Pollard, Philip L. Ryall, William Sarni, James V. White, Lawrence H. Wickstrom, Donna C. Willette, and Victor J. Yannacone.

## Research

*The function of the Committee on Research is to monitor activities in geoscience research that relate to the exploration and production of petroleum and other energy minerals; to promote the interchange of research ideas through conferences and symposia; to assist other AAPG committees with matters pertaining to research activities; and to initiate, sponsor, and/or cooperate with organizations in gathering data and preparing reports on subjects of high interest to geoscientists.*

The committee consists of two subcommittees (Hedberg Conference and Academic Geoscience Survey) and two research groups (Reservoir Deformation and Unconventional Petroleum Systems).

Among the most important activities of the Research Committee is development and sponsorship of AAPG's Hedberg Conferences and Research Symposia. Hedberg Conferences held since the last report include the following:

- "Foreland Fold and Thrust Belts," held in Sicily, Italy, May 14–18, 2002;
- "The Greater Ancestral Rocky Mountains," held in Vail, Colorado, July 21–26, 2002;
- "Hydrocarbon Habitat of Volcanic Rifted Passive Margins," held in Stavanger, Norway, Sept. 8–11, 2002;
- "Evaluating the Hydrocarbon Sealing Potential of Faults and Caprocks (Seals Down Under)," held in

Adelaide, Australia, December 2–5, 2002;

- "Paleozoic and Triassic Petroleum Systems in North Africa," held in Algiers, Algeria, February 18–20, 2003.
- Hedberg Conferences approved and planned at the time of the preparation of this report are listed below:
- "Fundamental Advances and New Applications from a Holistic View of Mechanical and Chemical Processes," planned for Austin, Texas, February 8–12, 2004;
  - "Carbonate Reservoir Characterization and Simulation: From Facies to Flow Units," planned for El Paso, Texas, March 14–18, 2004;
  - "Sandstone Deposition in Lacustrine Environments: Implications for Exploration and Reservoir Development in the Central and Eastern Paratethys Region," planned for Baku, Azerbaijan, May 18–21, 2004;
  - "Origin of Petroleum—Biogenic and/or Abiogenic and Its Significance in Hydrocarbon Exploration and Production," postponed until 2004.

At its annual meeting, the committee agreed to continue the expanded membership of the Hedberg Conference Subcommittee. Paul Catacosinos will continue to serve as chair of the subcommittee. Approval of a proposal for a Hedberg Conference will be by the simple majority of those committee members voting in the review of a given proposal.

The committee agreed that the strength of the Hedberg Conference program is the geoscientific quality of the individual conferences. The goals of the committee are to (1) maintain a reasonable number (probably not more than 5 annually) of conferences and (2) insure the geoscientific quality and financial viability of each conference. To attain these goals, the committee members were asked to talk with colleagues about the Hedberg program and to encourage their colleagues to submit proposals for Hedberg conferences. The chairs of the research groups were also asked to encourage members of their groups to submit proposals for Hedberg conferences.

The committee discussed how the financing of Hedberg conferences was handled by AAPG. Concern was raised that under the current financing system Hedberg conferences designed for 50 participants or less were handicapped in achieving the desired success because the conveners were challenged to maintain the financial viability of the conference.

Potential solutions included finding sponsorship for the conference, finding a local entity to assist AAPG in handling the logistics of the conference, conducting the conference in association with the annual AAPG meeting or a section meeting, identifying a fixed site that is guaranteed a conference annually for 3–5 years, and/or conducting the conference at an AAPG learning facility, such as Dallas, on a University campus or at an industry facility. The committee agreed that support of Hedberg conferences that focused on a specific geoscientific singular topic designed for a group of 50 or less participants was important to the success of the Hedberg conference program. Such a conference has the potential to lead to a significant advance in technology, and the conference should not be compromised by adding participants solely to offset costs.

AAPG understands the merits of focused Hedberg conferences and will work with the committee and conveners of highly focused conferences as to the costs to insure the success of these conferences.

Significant progress on the development of the Web site for the committee was made during the year. Substantial information is now posted on the Web site, including information about the committee, information about Hedberg conferences, news about the committee functions, and projects of the committee. The committee agreed that approved Hedberg Conference proposals should be posted on the Web site.

The Research Committee rechartered two research groups in 2000. Reports were made on the activities of the Reservoir Deformation Group and the Unconventional Petroleum Systems Group at the annual meeting.

The topic for discussion at the 2003 AAPG meeting for the Reservoir Deformation Group was structural uncertainty. The group is working on a topic to propose as a subject for a Hedberg conference.

The year was highly successful for the Unconventional Petroleum Systems Group, highlighted by a series of papers published in the *AAPG Bulletin* on unconventional petroleum systems. The group is now focusing on basin center gas as a potential Hedberg conference topic.

The committee restated its goal to increase the number of research groups. Committee members were charged to initiate plans for new research groups.

The Research Committee reported results of the Academic Geoscience Survey, the 9th survey conducted

under the direction of Barry Katz, chair of the Academic Geoscience Survey Subcommittee. It represents a reinitiation of an annual program sponsored by the committee.

Because of a two-year hiatus in conducting a survey, the percentage of departments responding is lower than compared to previous years. This lower response rate and changes in the survey complicate comparisons with prior surveys.

Highlights of the survey follow:

- Faculty positions have remained relatively constant with an increase in junior faculty positions for the past eight years.
- The median number of students in a department has decreased (53–59) with graduate students accounting for 38% (M.S. 62% of the 38%) and with foreign students accounting for 20% of the graduate student population.
- The top three academic strengths are stratigraphy, environmental geology, and hydrogeology, and seven departments report petroleum geology as a strength.
- The average research funding for a department was \$785,000, with 90% of these funds having been obtained from government agencies.
- Normalized results indicate petroleum accounts for about 29% of those finding jobs in the geosciences, which is about the same percentage as reported in the last survey, and the percentage of students finding jobs in the environmental sector has increased reversing a decline in this trend seen in the last survey.

#### **Ernest A. Mancini, Chair**

Committee members: Michael Abrams, Thomas A. Blasingame, Linda M. Bonnell, Arthur E. Burford, Robert C. Burruss, Angel F. Callejon, Paul A. Catacosinos (Hedberg Conference Subcommittee chair), Jean-Yves D. Chatellier, Christopher D. Connors, John B. Curtis, James R. Garrison, Jose I. Guzman, Peter H. Hennings, James W. Jennings, Barry J. Katz (Academic Geoscience Survey Subcommittee chair), Stephen E. Laubach (Committee vice chair), Benny E. Law, Susan Longacre, Robert G. Loucks, Ernest A. Mancini (Committee chair), Donald A. Medwedeff, Marcio R. Mello, David Morse, Prasanta K. Mukhopadhyay, Charles R. Noll, Jr., Dag Nummedal, Jeffrey A. Nunn, William C. Parcell, Richard A. Parker, Martin A. Perlmutter, Patricia A. Santogrossi, Steven Schamel, Wolfgang E. Schollnberger, Andrew R. Scott, Regina N. Tempel, David M. Weinberg, and Brian A. Zaitlin.

## **Resource Evaluation**

*The function of the Committee on Resource Evaluation (CORE) is to provide input and facilitate U.S. Government and other agencies in performing assessments and monitoring the status of U.S. and international hydrocarbon resources. The committee may publish resource estimates only if they are fully documented with appropriate maps, statistics, and explanation of methodology.*

During the July 1, 2002 to June 30, 2003 period, the committee maintained a high level of activity. Naresh Kumar and Earl Ritchie continued as the chair and vice chair for the committee, respectively.

An article describing the Resource Classification System, jointly adopted by the Society of Petroleum Engineers, World Petroleum Congress, and AAPG, was published in the August issue of *AAPG Explorer*. CORE had been the interface with our sister societies in developing this scheme and had recommended to the Executive Committee to adopt the new classification scheme. This scheme is now being widely used by government agencies as well as by private companies.

Vice chair Earl Ritchie had prepared a testimony for a Congressional hearing entitled "Minerals Management Service's Five Year Offshore Leasing Plan: Impact on Forecast Natural Gas Production." Unfortunately this hearing was canceled but the *AAPG Explorer* (February 2003) published it as a report, "US Offshore Drilling Must Increase to Meet Natural Gas Demand". The article points out that domestic drilling has to increase substantially to meet the nation's natural gas needs.

AAPG president Dan Smith, gave a presentation entitled "AAPG's Role in North America's Energy Future" on October 31, 2002, at the Gulf Coast Association of Geological Societies' annual meeting. Committee chair Naresh Kumar, and other members of the committee, helped prepare this presentation. Smith developed this talk into his presidential address, entitled "Our Future," given at the Salt Lake City Annual Meeting. This talk, giving an optimistic vision of our future, was well received.

Smith has given another presentation based on his presidential address, "Global and U.S. Energy Future: Leading AAPG Into the Next Century," to the Houston Geological Society. The committee was very happy to be part of this effort by the AAPG president and the Executive Committee to provide a



realistic picture of resource supply and demand issues.

The committee held its mid-year meeting in Denver on November 15, 2002. Presentations by the U.S. Geological Survey's National Resource Assessment and World Petroleum Assessment team members were very helpful in establishing the "benchmarks" for worldwide discovered and undiscovered resources. In addition, committee members Mike Decker and John Curtis (also the director of the Potential Gas Committee [PGC]) gave an overview of the PGC 2003 assessment of the nation's natural gas resources. At the mid-year meeting, the committee also unanimously approved the position paper entitled "United States and Canadian Atlantic Outer Shelf Resources." Under the primary authorship of committee member Ben Hare, this paper represents culmination of more than one year of effort. The draft was sent to the AAPG Executive Committee and has been approved with minor modifications. At this meeting, CORE also decided not to develop its Web site independently but to ensure that our committee page within the AAPG site remains informative and relevant.

In March 2003, the committee was asked to prepare for another Congressional hearing on leasing issues in the western United States related to the Environmental Preservation and Conservation Act. Although AAPG secretary, Charlie Mankin, had started working on the testimony, the hearing was indefinitely postponed. However, AAPG was requested to testify at a hearing entitled "Role of Federal Lands in Meeting the Nation's Energy Needs" held in June 2002. Because we were given only five day's notice to deliver the testimony in Washington, AAPG was unable to send a witness to this hearing. We hope that in the future the Congressional Subcommittee on Energy and Mineral Resources will give us a longer lead time to select a witness and prepare the testimony.

The committee met at the annual meeting in Salt Lake City. A presentation on Canadian tar sands by Joe Aiello, vice president for Norwest Corporation, described the latest technology being employed in developing the Athabaskan sands. Interest in this topic developed because the *Oil and Gas Journal* added 164 billion barrels to the Canadian reserves in 2002, making Canada second only to Saudi Arabia in oil reserves. Implications of such huge reserves being located so close to home in a friendly country are enormous.

Some of the other ongoing efforts are as follows:

- Committee member Lance Cook is leading an effort to write a rejoinder to the Wilderness Society report, "Energy and Western Wildlands, September 2002." Other committee members helping him in this effort are Rusty Riese, John Ritter, Paul LaPointe, and Richard Nehring. This effort became necessary because the Wilderness Society challenged the U.S. Geological Survey methodology of assessment and alleged that oil and gas available in the western United States that can be economically produced in an "environmentally acceptable" manner is much smaller than presented to the public by government agencies. AAPG believes that this "report" is misleading and unscientific. Lance reviewed a draft version of his rejoinder with the entire committee during our annual meeting and will be circulating another draft shortly. We hope to have a draft ready for the AAPG Executive Committee in fall 2003.
- Richard Nehring is developing a set of guidelines for what constitutes a scientific and credible resource assessment. The committee has reviewed an early version of these guidelines. Once completed and adopted by the committee, we expect to use these guidelines in reviewing methodologies used in resource assessments by various agencies.
- CORE continues to work collaboratively with the Society of Petroleum Engineers (SPE) on resource definitions and promoting their consistent usage throughout the industry. Currently an effort is under way to develop a glossary to accompany these definitions. Committee member John Ritter is working with SPE on this effort. Ken Mallon continues in his role as the liaison between CORE and SPE. CORE looks forward to an exciting 2003–2004 fiscal year.

#### ***Naresh Kumar, Chair***

Committee members: C. W. Lance Cook, John B. Curtis, Michael K. Decker, William L. Fisher, Ronald L. Grubbs, Robert D. Gunn, Ben D. Hare, Naresh Kumar, Paul R. La Pointe, Raymond C. Leonard, Charles J. Mankin, Richard D. Nehring, William D. Pollard, Pulak K. Ray, Walter C. Riese, Earl J. Ritchie, John E. Ritter, Christopher Schenk, Wolfgang E. Schollnberger, Robert W. Stancil, M. Ray Thomasson, and Suzanne D. Weedman.

## **Student Chapter**

*The function of the Student Chapter Committee is to oversee and administer the Student Chapter program.*

The programs administered by the committee continued to be well received on campuses and at AAPG functions this past year. Eleven new chapters were established this past year, three in the United States and the others spread across four continents. Twenty-three chapters took advantage of the Book Gift program to acquire AAPG publications for individual student chapter libraries (\$500 each). Forty-four chapters received distributions from the L. Austin Weeks Undergraduate Grant program, \$1000 split between a selected student and the student's department (15 winners were from outside of the United States).

All presenters in the student-only sessions at the annual meeting were given gift certificates from the Kansas Geological Survey for the AAPG Bookstore in addition to competing for the Best Speaker/Best Poster awards (Shell Foundation sponsored).

Four student chapters (Northern Illinois University, Stephen F. Austin State University, Brigham Young University, and University of Alaska-Fairbanks) will receive funds for chapter activities from proceeds earned in the General Store during the 2003 AAPG Annual Meeting in Salt Lake City, Utah.

The chapters from Brigham Young University and Colorado State University were recognized as outstanding chapters and awarded \$500 each in addition to a plaque recognizing their accomplishments (Schlumberger sponsored). The ExxonMobil-sponsored student reception at the AAPG Annual Meeting continues to draw a large audience for the announcement of Best Speaker/Best Poster and Outstanding Student Chapter awards as well as a festive social environment.

Current issues facing the committee are focussed on our level of involvement in the international aspects of our current programs and maintaining high-quality presentations in the student-only sessions at the annual meeting despite the decline in submitted abstracts.

#### ***James V. White, Chair***

Justin B. Bellamy, Martha Lou Broussard, Ryan D. Christensen, Robert T. Clarke, Robert D. Cowdery, Gloria D. Cummins, Michael M. Deal, Cristy Harrison, James A. Hartman, Terry L. Hollrah, William E. Hottman, William S.

Houston, Piotr Krzywiec, Henry A. Legarre, Peter MacKenzie, James M. Party, Susan A. Waters, James V. White, and James C. Woodson.

## Student Expo (ad hoc)

The 2002 AAPG/SEG (Society of Exploration Geophysicists) Student Expo was held October 20–21 in Houston. The event was a tremendous success with more than 175 students and more than 75 recruiters from 15 sponsoring companies. Now in its sixth year, the Student Expo remains a great collaboration between AAPG and SEG. The main focus of the Expo is to improve communication and networking opportunities between students and potential employers. The Houston event attracts students from around the country and even a handful of international students. Many of the students come from schools that are traditionally not visited by major companies, and comments such as, "I was unsuccessful making contacts within the oil industry until the Expo" are not uncommon.

Due to the growing success over the past several years, we felt the Expo had outgrown the space limitations at Rice University and in 2002 we moved the Expo poster session and interviews to the Crowne Plaza Hotel in the Houston Medical Center. This provided an increase in space as well as a more focused and controlled environment. Twelve of the companies that attended set up large exhibit booths in the main ballroom of the hotel; the space was shared with more than 70 student posters. Both students and recruiters appreciated the facilities provided by the hotel, but some thought that even more space was needed.

Though we do not have final numbers, we know of numerous students who were offered employment based on attendance at the Expo—in fact many students received multiple offers. We can confirm that the majority of companies participating made offers to students interviewed at the Expo. Earlier years show that roughly 10% of students can expect job offers from contacts made at the Expo; this value seems to have risen over the past two years. In comparison, a typical campus visit might yield offers for approximately 5–10% of the students interviewed.

The budget for the 2002 event was approximately \$24,000, and we are proud that once again this year we were able to raise all the necessary funds from corporate sponsorship. Clearly companies enjoy the benefits

**Table 1. 2002–2003 VGP Visits (United States)**

Visiting Geologist	University	Students	Faculty	Others
		(as reported to AAPG)		
Nelson	Columbia University	40	0	0
Riese	Rice University	4	5	0
Riese	Colorado State University	4	5	0
Sonnenberg	Colorado School of Mines			
Barnard	Indiana University–Bloomington	35	2	0
Green	Texas A&M	70	4	0
Sonnenberg	Colorado School of Mines			
Peters	Colorado Mountain College	35	2	0
Wyatt	Clemson University	35	10	2
Downey	Southern Methodist University			
Cowdery	Wichita State University	15	4	7
Wickstrom	Kent State University	54	12	0
Cowdery	Adams State College	9	3	1
Lowrie	Auburn University	35	17	5
Laubach	University of Idaho–Moscow	60	31	10
Party	University of Missouri–Rolla	36	14	2
Thacker	New Mexico Highlands University	25	5	3
Gibson	New Mexico Tech University	10	1	0
Wyatt	University of South Carolina–Aiken	56	8	6
Lowrie	Texas A&M	25	8	7
Petrossian	New Mexico State University	25	10	2
McDonald	Central Michigan University	25	15	5
Wyatt	University of Tennessee–Knoxville	60	14	5
Gries	Colorado School of Mines			
Gibson	University of Indiana–Bloomington			
Smith	University of Oklahoma	140		
Wickstrom	Bowling Green State University	37	10	0
Gibson	Lafayette College	34	6	0
Hamilton	University of Arkansas–Fayetteville	50	14	0
McDonald	University of Arkansas–Fayetteville			
Fairchild	University of Washington			
Fairchild	Central Washington University			
Wyatt	Florida International University			
Fairchild	University of Oregon	15	6	4
Landon	Illinois State University			
Thomasson	University of Idaho–Moscow	50	10	
Thomasson	Washington State University	50	10	
Downey	Southern Methodist University	25	5	
<b>Total</b>	<b>38 visits (all requests filled)</b>	<b>1059</b>	<b>231</b>	<b>59</b>

provided by the Expo, and many have commented on the convenience that a Houston Expo provides. Although we are thrilled to have many of the same companies return to the Expo year after year, we are continually trying to expand the scope of the Expo to include more environmental and non-petroleum based geoscience recruiters.

One recent issue that has challenged the Expo Committee is the lack of direct assistance from both societies. Our staff liaison at SEG resigned in December 2002, and our AAPG contact left in June 2003. At this time neither society has hired a replacement, and currently the Expo Committee is looking into options to reallocate much of the administrative work that previously was performed in Tulsa. Losing two staff members who had a portion of their

time dedicated to working with the Expo committee has had a huge impact; unfortunately the expertise lost will take some time to replace.

The Expo Committee has grown over the past year and now contains active members from Anadarko, BP, ChevronTexaco, ConocoPhillips, ExxonMobil, Schlumberger, and Rice University. Having a more diverse representation on the committee has proved very valuable and the entire group is looking forward to an exciting and challenging 2003.

### **Michael Deal, Chair**

Committee members: George R. Bole, Martha Lou Broussard, Michael M. Deal (chair), Andre W. Droxler, Carmen M. Fraticelli, Jonas P. Gournay, David M.

**Table 2. 2002–2003 VGP Visits (International)**

Visiting Geologist	University	Students	Faculty	Others
Darman	University of Malaysia			
Darman	Universitas Indonesia			
Kaldi	University of Brunei	20	0	0
Lloyd	ITS Surabaya	50	0	0
Lloyd	Hasanuddin University–Makassar	50	0	0
Lloyd	Gujah Mada, Yogyakarta	35	0	0
Lloyd	University of Indonesia–Jakarta	40	0	0
Lloyd	UPN Veteran University–Yogyakarta	50	0	0
Lloyd	UNPAD–Bandung	50	0	0
Lloyd	ITB–Bandung	50	0	0
Wolgemuth	Moscow State University	10	2	1
Kaldi	University of Melbourne	30	0	0
Hogg	Memorial University, St. Johns, NF	50	0	0
Caughey	Institute of Technology at Medan	52	49	3
Hogg	Dalhousie University	50	0	0
Hogg	St. Mary's University	50	0	0
Darman	University of Brunei			
Kaldi	University of Adelaide	37	0	0
Hogg	University of Calgary	25	0	0
Kaldi	University of Malaya–Kuala Lumpur	5	0	0
Kaldi	Auckland University			
Kaldi	Victoria University			
Kaldi	Massey University			
Kaldi	University of Waikato			
Smith	University of Aberdeen	40		
Total	25 visits (all requests filled)	694	51	4

Hartz, Alison T. Henning, Charles R. Noll Jr., Mark A. Olson, David D. Reimers, Elizabeth B. Sunderland, Julia S. Wellner, and Douglas E. Wyatt.

## 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 28th year of the Visiting Geologist Program (VGP, formerly Visiting Petroleum Geologist or VPG) is one of substantial service but 30% below the average of the previous three years. Total visits of 63 were down due to travel restrictions associated with the Iraq war, global terrorism, economic recession, reduced governmental budgets, and health threats (primarily SARS). As a result,

United States visits were down 40% compared with 2001–2002, and international visits were down 50%.

VGP was helped substantially by vice president Peter Lloyd's seven visits. We now have 94 speakers (80% U.S., 15% international, 5% both). VGP still needs new players with enough industry experience in relationship to their age to have a story to tell. Of course, it is also important to be able to communicate effectively and have the initiative to obtain invitations to visit schools. VGPers are expected to make a minimum of one visit every two years to stay in the program excepting extenuating circumstances.

The committee voted by e-mail to allow faculty with a minimum of 10 years industry experience to join the VGP (existing VGPers who become faculty are retained subject to the universal "1-in-2" minimum). Also, the committee approved special relaxed academic rules for "industry-focused" professors. In addition, please note that some visiting geologists are "unadvertised" – that is, they have been approved as visiting geologists and can make visits under the VGP umbrella, but are not listed in the brochure or on the VGP Web page.

Our stable of speakers has allowed the program to fill or schedule every request since July 1, 2000, thereby

**Table 3. Economic Analysis 2002–2003 VGP Visits**

Total 46 visits reported students/faculty/others (45.61 contacts/visit)	2098
17 visits with no report × 45.61 average students/faculty/others	775
Total estimated students/faculty/others participated in program*	2873

### Annual Operating Expenses for Year Ended 6/30/02

Employee cost, salaries	\$8,485.00
Employee cost, payroll taxes	676.00
Employee cost, pension	2,417.00
Employee cost, life insurance	129.00
Employee cost, health insurance	1,589.00
Employee cost, thrift savings	118.00
Employee cost, vision care	35.00
Overhead	13,448.00
Outside mailing cost	15.00
Printing	1,417.00
Postage, shipping, transf.	575.00
Meals, entertainment	55.00
Travel (staff)	731.00
Travel (professional)	45.00
Display	583.00
Contract Personnel	112.00
Photography	208.00
Miscellaneous expense	76.00
Total	\$30,714.00**

### Costs per Contact

AAPG costs per contact (student/faculty/other) (AA ÷ 2873)	\$10.69/contact
VGP member estimated costs† (\$500/visit × 63 ÷ 2873)	10.96/contact
University estimated costs (\$200/visit × 63 ÷ 2873)	4.39/contact
Total	\$26.04/contact

\*May include duplication of individuals who attended more than one VGP talk-related session (i.e., general talk on geology as a profession, technical talk, workshop/lab exercise, informal discussions).

\*\*Based on 6/30/02 audited numbers.

†Excludes estimate of value of VGPers' time, which might approximate out-of-pocket costs. (Note: Employer sometimes pays both and some companies and VGPers absorb costs ordinarily handled by visited schools.)

correcting a common yearly problem in VGP. Generally, VGPers also carry materials for, and promote student chapters, grants-in-aid, student expos, mentoring, membership (including EMD and DEG), distinguished lectures, etc. This extra responsibility is currently receiving more attention through better coordination within AAPG.

The VGP Committee is proud of the VGPers who individually or through their company give time and pay travel expenses (generally visited schools

provide only local lodging, food, and transportation). The AAPG Foundation generously funds the Tulsa headquarters operations. Occasionally speakers visit school functions or geological groupings off campus. Please see attached a list of speakers and schools visited since July 1, 2002.

VGP is very well served by the AAPG staff, which acts as the promoter of visits, receiver of requests, supplier of data, and coordinator for visits. We are particularly pleased with Cammy McKnight who currently acts as VGP coordinator.

For only the third year in VGP/VPG history (to the best of my knowledge) we have tried to calculate "total" costs of our program. In the 2002–2003 program year the VGP reached 2873 people at an average cost of \$26.04/person contacted. AAPG's portion is approximately \$10.69/person. (We consider every contact as one person, not knowing if a student, faculty member, etc. may have received several contacts.)

Cammy updated 35mm slides of the salary survey and AAPG student chapter map, which she sent to each visiting

geologist as they made their first visit of the program year. She also has the slides in PowerPoint format, and can send them as e-mail attachments upon request. (Special thanks to John Armentrout and John Kaldi for making "slides" available.)

Finally, as I leave the committee, but not the program, thanks to all for your support and contributions.

If you would like to recommend someone to join VGP and believe they meet the general desired qualifications, please contact AAPG Education Services.

#### ***Pat Gratton, Chair***

Committee members: Adebayo Akinpelu, Charles Caughey, Robert Cowdery, Pat Gratton, Rich Green, Chris Heath, John Hogg, Susan Landon, and David Weinberg.

2002–2003 VGP speakers: Wayne Ackerman, Sunit Addy, Edith Allison, William Almon, John Armentrout, Lyle Baie, J. Janine Barnard, Jim Bedford, George Bole, Lyle Bruce, Betsy Campen, Tim Carr, Gustavo Castano, Herman

Darman, Rebecca Dodge, Marlan Downey, Lee Entsminger, Lee Fairchild, Lee Gerhard, Richard Gibson, Rich Green, Will Green, Robbie Gries, Alberto Gutierrez, Alfredo Guzman, Joseph Haberfeld, Jean Hamilton, Ben Hare, Jeanne Harris, Tariq Hasany, Ed Heath, Chris Heath, Don Herron, Debra Higley-Feldman, John Hogg, Terry Hollrah, Sanggam H.T. Hutabarat, John Kaldi, Barry Katz, Gerry Kuecher, Naresh Kumar, Joseph Lambiase, Susan Landon, David Larue, Steve Laubach, Bill LeMay, Donald Lewis, Louis Liro, Peter Lloyd, Allen Lowrie, Bill Maloney, Mantez McDonald, Evelyn Medvin, Javier Meneses-Rocha, Jack Meyer, Marcus Milling, Clint Moore, Diana Morton-Thompson, Roice Nelson, Robert Olson, Don Oltz, Mike Party, Eric S. Pasternack, Doug Patchen, Joanne Perry, Doug Peters, Rima Petrossian, James Pindell, Rusty Riese, Bonnie Robinson, Deborah Sacrey, Valary Schulz, Dan Smith, Steve Sonnenberg, Dan Tearpock, Mike Thacker, Ray Thomasson, Ken Vogel, Glen Ware, Jeff Warren, Dave Weinberg, Stanley Wharton, Lawrence Wickstrom, Edith Newton Wilson, and Doug Wyatt.

## 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 H. 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

## 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.*

\*2003 Recipients

Mahmoud Abdul-Baqi, 2003\*  
 John J. Amoruso, 1987  
 Albert W. Bally, 1986  
 Thomas D. Barber, 1997  
 Ted L. Bear, 1988  
 Allan Parnell Bennisson, 1999  
 Robert R. Berg, 1985  
 D. L. Blackstone, Jr., 1990  
 Richard R. Bloomer, 1987  
 George R. Bole, 1999  
 Louis C. Bortz, 1988  
 John M. Browning, 1985  
 Daniel A. Busch, 1978  
 David G. Campbell, 1995  
 A. T. "Toby" Carleton, 2000  
 Paul A. Catacosinos, 2000  
 Robey H. Clark, 1985  
 James M. Coleman, 2002  
 Robert D. Cowdery, 1987  
 Brenda K. Cunningham, 2001  
 Herbert G. Davis, 1986  
 Gerard J. Demaison, 1995  
 Wallace de Witt, Jr., 1999  
 Thomas W. Dibblee, Jr., 1996  
 Fred A. Dix, Jr., 1986  
 William L. Fisher, 1990  
 Peter T. Flawn, 1983  
 Gerald Manfred Friedman, 1990  
 Lawrence W. Funkhouser, 1984  
 Lee C. Gerhard, 1997  
 James A. Gibbs, 1995  
 George R. Gibson, 1973  
 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  
 Michel T. Halbouty, 1969  
 Frank W. Harrison, Jr., 1986  
 James Austin Hartman, 1992  
 John D. Haun, 1984  
 William B. Heroy, Jr., 2001  
 Melvin J. Hill, 1979  
 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  
 James A. Peterson, 1996  
 Thomas Hughes Philpott, 1993  
 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  
 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  
Leonidas T. Barrow, 1959  
N. Wood Bass, 1961  
B. Warren Beebe, 1966  
Alfred H. Bell, 1962  
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  
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  
H. B. Goodrich, 1929  
C. N. Gould, 1943  
Cecil H. Green, 1993  
George C. Grow Jr., 1988  
Eduardo J. Guzmán, 1972

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 Hubbert, 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  
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, 1958  
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  
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

## 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

## 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

## 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)

## 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

## 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

## 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 Gopin  
1979 – George Copernicus Grow, Jr.  
Thomas C. Hiestand  
John C. Maher  
1980 – John E. Galley  
John W. Shelton  
1981 – Bernold M. Hanson  
Frank E. Kottlowski  
Ralph L. Miller  
Marion Orville Turner  
1982 – Donald W. Axford  
Garth W. Caylor  
William L. Fisher  
Herbert G. Davis  
Robert L. Fuchs  
Robert J. Gutru  
Richard F. Meyer  
1983 – Don R. Boyd  
Fred A. Dix, Jr.  
James O. Lewis  
D. Keith Murray  
George B. Pichel  
Donald L. Ziegler  
1984 – Dudley Harold Cardwell  
Robert H. Dott, Jr.  
John P. Lockridge  
Eric A. Rudd  
Grant Steele  
1985 – Thomas D. Barber  
Norman H. Foster  
George S. Galbraith  
James A. Hartman  
James S. MacDonald  
William R. Moran  
Anthony Reso  
1986 – Allan P. Bennison  
Louis C. Bortz  
Charles F. Dodge III  
Myron K. Horn  
Roscoe E. Shutt  
1987 – A. T. (Toby) Carleton  
James A. Gibbs  
John W. Harbaugh  
Daniel F. Merriam  
Bill St. John  
Larry D. Woodfork  
1988 – James M. Forgotson, Jr.  
Gerald Manfred Friedman  
Robert R. Johnston  
Robert R. Jordan  
John R. Kerns

Jack P. Martin  
John A. Masters  
1989 – George R. Bole  
Martha Lou Broussard  
Clemont H. Bruce  
David G. Campbell  
Lee C. Gerhard  
Scott J. Lysinger  
William H. Matthews III  
1990 – James A. Helwig  
Michael E. (Mike) Hriskevich  
Lewis S. (Stan) Pittman  
William H. Roberts III  
Edward C. Roy, Jr.  
Nahum Schneidermann  
Richard Steinmetz  
1991 – Dudley W. Bolyard  
Robbie Rice Gries  
George C. Hardin, Jr.  
Jerome J. C. Ingels  
Edward D. Pittman  
Robert M. Snieder  
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

## Wallace E. Platt Memorial Award

*The Wallace E. Pratt Memorial Award was approved in 1982 to honor and reward the authors of original articles published in the AAPG Bulletin. 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

## Robert H. Dott, Sr., Memorial Award

*The Robert H. Dott, Sr., Memorial Award (formerly the President's Award) is to honor and reward the authors of original articles published by the Association. Through 1979, the award was \$250 in cash for the best paper published by the Association during each calendar year. Beginning in 1980, the award was expanded to recognize both the best Bulletin article and the best special publication (when appropriate), with the cash award being \$250 in each category. In 1982, the cash award was increased to \$500 in each category, and the best Bulletin article was changed to the Wallace E. Pratt Memorial Award.*

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

- 1962 – J. G. C. M. Fuller  
1963 – P. G. Temple  
L. J. Perry  
1964 – James M. Forgotsen, Jr.  
1965 – Harry V. Spooner, Jr.  
1966 – Dietrich H. Welte  
1967 – No Recipient  
1968 – Ghansham D. Sharma  
1969 – Leo F. LaPorte  
1970 – Ernst Cloos  
1971 – Peter Lehner  
1972 – Hollis D. Hedberg  
1973 – Mason L. Hill  
1974 – Rufus J. LeBlanc  
1975 – Ronald E. Wilcox  
Tod P. Harding  
Donald R. "Don" Seely  
1976 – Daniel A. Busch  
1977 – Edgar W. Owen  
1978 – Tod P. Harding  
1979 – Robert M. Mitchum, Jr.  
Peter R. Vail  
John B. Sangree  
1980 – *Bulletin*  
Brian D. Evamy  
Jean Haremboure  
Peter Kamerling  
William A. Knapp  
Felix A. Molloy  
Paul H. Rowlands  
*Special Publication*  
Peter A. Scholle  
1981 – *Bulletin*  
Michael A. Arthur  
Seymour O. Schlanger  
*Special Publication*  
Peter A. Scholle  
1982 – *Special Publication*  
Robert J. Cordell  
William H. Roberts, III  
1983 – Michel T. Halbouty  
1984 – George B. Asquith  
1985 – Albert W. Bally  
1986 – Gerard Demaison  
Roelof J. Murriss  
1987 – Orville Roger Berg  
Donald G. Woolverton  
1988 – James A. Peterson  
1989 – Albert W. Bally  
1990 – Peter A. Ziegler  
1991 – Anthony J. Tankard  
Hugh R. Balkwill  
1992 – John C. Van Wagoner  
Robert M. Mitchum, Jr.  
Kirt M. Champion  
Victor David Rahmanian  
1993 – Kevin Thomas Biddle  
1994 – Roger W. Macqueen  
Dale A. Leckie  
1995 – Diana Morton-Thompson  
Arnold M. Woods  
1996 – Leslie B. Magoon  
Wallace G. Dow  
1997 – Anthony Tankard  
Ramiro Suárez Soruco  
Herman J. A. Welsink

- 1998 – Martin P. A. Jackson  
David G. Roberts  
Sigmund Snelson  
1999 – Ronald C. Surdam  
2000 – Ben E. Law  
Gregory F. Ulmishek  
Vyacheslav I. Slavin  
2001 – John F. Jordan  
Richard A. Schatzinger  
2002 – Marcio R. Mello  
Barry J. Katz  
2003 – Marlan W. Downey  
William A. Morgan  
Jack C. Threet

## 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

## George C. Matson 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 – Clemon 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

## 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

## 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

## A. I. Levorsen Memorial Award

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

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

### Eastern Section

- 1972 – **Sigmund Snelson**  
 1973 – **C. F. Upshaw**  
 1974 – **Douglas G. Patchen**  
 Richard Smosna  
 H. Buchanan
- 1975 – **B. Charlotte Schreiber**  
 R. Catalano  
 E. Schreiber
- 1976 – **G. R. Keller**  
 R. K. Soderberg  
 M. L. Ammerman  
 A. E. Bland
- 1977 – No Recipient  
 1978 – **Richard Smosna**  
 Douglas G. Patchen
- 1979 – **Mark W. Presley**  
 1980 – **Robert M. Cluff**  
 1981 – **A. B. Watts**  
 M. S. Steckler
- 1982 – **Vance P. Wiram**  
 1983 – **Howard R. Schwalb**  
 1984 – **Robert A. Sedivy**  
 Ralph Burwood  
 Gary A. Cole  
 Richard J. Drozd  
 Henry I. Halpern
- 1985 – **Helen M. Sestak**  
 1986 – **Karen Rose Cercone**  
 1987 – **Brian D. Keith**  
 1988 – **Richard Smosna**  
 J. M. Conrad  
 T. C. Maxwell
- 1989 – **Dennis R. Swager**  
 Neil F. Hurley
- 1990 – **Bruce V. Sanford**  
 A. C. Grant
- 1991 – **James W. Castle**  
 1992 – **Lisa K. Goetz**  
 J. Gary Tyler  
 Roger L. Macarevich  
 David L. Brewster  
 Jagadeesh R. Sonnad

- 1993 – **Robert E. Davis**  
 1994 – **Stephen F. Nowacxewski**  
 1995 – **Nicholas B. Harris**  
 1996 – **James A. Drahovzal**  
 1997 – **Robert Marc Bustin**  
 C. R. Clarkson
- 1998 – **T. Joshua Stark**  
 Lawrence H. Wickstrom
- 1999 – **David G. Morse**  
 2000 – **John R. Hogg**  
 2001 – **James A. Drahovzal**  
 Lawrence H. Wickstrom  
 Timothy R. Carr  
 John A. Rupp  
 Beverly Seyler  
 Scott W. White
- 2002 – **Albert S. Wylie, Jr.**

### 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. Stenz
- 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**

#### 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

#### 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**

#### 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**  
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 – **David R. Pyles**

#### Southwest Section

- 1968 – **Donald C. Swanson**  
1969 – **Karl W. Klement**  
1970 – **Edward R. Tegland**  
1971 – **Daniel A. Busch**  
1972 – **Orville L. Bundy**  
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

## 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 Jinhwa 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 Staffleu  
 1992 – John M. Armentrout  
 Lei-KuangLeu  
 Jorge J. Faz  
 1993 – Richard Wrigley  
 1994 – Zainuddin Yusoff  
 1995 – Claude Guyot  
 Andre Coajou  
 A. Ribeiro  
 1996 – Leon J. Aden  
 Robert E. Bierley  
 1997 – Rémi Eschard  
 Olivier Lerat  
 Didier Granjeon  
 Brigitte Doligez  
 Guy Desaubliaux  
 François Lafont  
 1998 – Stanley T. Paxton  
 Gary C. Stone  
 Barbara L. Faulkner  
 1999 – Joseph M. Finneran  
 Yatindranath Keith Bally  
 2000 – Richard Hillis  
 2001 – No Recipient  
 2002 – Philip D. Heppard  
 Daniel Ebrom  
 Michael Mueller  
 Leon Thomsen  
 Toby Harrold

## 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. Kegglin

## 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 – Amy John

# AAPG Executive Committees

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

Term	President	Vice President	President-Elect	Secretary
1970-71	William H. Curry, Jr.*	J. M. Browning	Sherman A. Wengerd*	James R. Jackson, Jr.
1971-72	Sherman A. Wengerd*	John A. Taylor	James E. Wilson, Jr.	Ted L. Bear

\*Deceased

Term	President	Vice President	President-Elect	Secretary
1972-73	James E. Wilson, Jr.	Samuel P. Ellison, Jr.*	Daniel A. Busch	Ted L. Bear
1973-74	Daniel A. Busch	August Goldstein, Jr.	Merrill W. Haas*	Bernold M. "Bruno" Hanson
1974-75	Merrill W. Haas*	Duncan A. McNaughton*	John E. Kilkeny*	Bernold M. "Bruno" Hanson
1975-76	John E. Kilkeny*	Frank C. Crawford*	John D. Moody*	Robey H. Clark
1976-77	John D. Moody*	Ralph L. Miller*	Edd R. Turner*	Robey H. Clark
1977-78	Edd R. Turner*	Edwin P. Kerr	Robert D. Gunn	John J. Amoruso
1978-79	Robert D. Gunn	Thomas D. Barber	John D. Haun	John J. Amoruso
1979-80	John D. Haun	D. Keith Murray	Robey H. Clark	Donald R. Boyd*
1980-81	Robey H. Clark	Eugene F. Reid	Frank W. Harrison, Jr.	Donald R. Boyd
1981-82	Frank W. Harrison, Jr.	John L. Severson*	John M. Parker	James A. Hartman
1982-83	John M. Parker	John P. Lockridge	John J. Amoruso	James A. Hartman
1983-84	John J. Amoruso	Robert D. Cowdery	Ted L. Bear	James A. Gibbs
1984-85	Ted L. Bear	Gerald M. Friedman	William L. Fisher	James A. Gibbs
1985-86	William L. Fisher	Clemont H. Bruce*	Bernold M. "Bruno" Hanson	Richard R. Bloomer
1986-87	Bernold M. "Bruno" Hanson*	James M. Forgotsen, 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

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. Gratton
1997-98	Steven L. Veal	Neil F. Hurley	Daniel L. Smith
1998-99	Terry L. Hollrah	Neil F. Hurley	Tom Mairs
1999-00	Terry L. Hollrah	Neil F. Hurley	John R. Hogg
2000-01	Edward B. Picou, Jr.	Neil F. Hurley	Lowell K. Lischer
2001-02	Edward B. Picou, Jr.	John C. Lorenz	Edward D. Dolly
2002-03	Paul Weimer	John C. Lorenz	Terry L. Hollrah
2003-04	Paul Weimer	John C. Lorenz	George Eynon

\*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

\*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. Sabaté
2001-02	Royce P. Carr	Deborah K. Sacrey	Tom Mairs	Brenda K. Cunningham	Suzanne Cluff	G. W. "Skip" Hobbs IV
2002-03	Tom Mairs	Lee C. Gerhard	Bob Shoup	Deborah K. Sacrey	Dan J. Tearpock	Royce P. Carr
2003-04	Robert C. Shoup	Rick L. Ericksen	J. Michael Party	Casey F. Clawson	Dan J. Tearpock	Tom Mairs

\*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

\*Deceased

## Annual Convention Locations and General Chairmen

Year	City	General Chairman	Year	City	General Chairman
1916	Norman, Oklahoma	Charles H. Taylor	1960	Atlantic City, New Jersey	Harry S. Ladd
1917	Tulsa, Oklahoma	F. R. Rees	1961	Denver, Colorado	Laurence Brundall
1918	Oklahoma City, Oklahoma	—	1962	San Francisco, California	Gordon B. Oakeshott
1919	Dallas, Texas	—	1963	Houston, Texas	William A. Thomas
1920	Dallas, Texas	—	1964	Toronto, Canada	William A. Roliff
1921	Tulsa, Oklahoma	M. M. Valerius	1965	New Orleans, Louisiana	Gordon I. Atwater
1922	Oklahoma City, Oklahoma	—	1966	St. Louis, Missouri	Clarence E. Brehm
1923	Shreveport, Louisiana	Ben K. Stroud	1967	Los Angeles, California	John E. Kilkenny
1924	Houston, Texas	Alexander Deussen	1968	Oklahoma City, Oklahoma	Edwin P. Kerr, Jr.
1925	Wichita, Kansas	Marvin Lee	1969	Dallas, Texas	William J. Hilseweck
1926	Dallas, Texas	R. B. Whitehead	1970	Calgary, Canada	John M. Browning
1927	Tulsa, Oklahoma	M. M. Valerius	1971	Houston, Texas	Edd R. Turner, Jr.
1928	San Francisco, California	E. G. Gaylord	1972	Denver, Colorado	Robert J. Weimer
1929	Fort Worth, Texas	J. Elmer Thomas	1973	Anaheim, California	Arthur R. Weller
1930	New Orleans, Louisiana	W. W. Grimm	1974	San Antonio, Texas	M. O. Turner
1931	San Antonio, Texas	D. R. Semmes	1975	Dallas, Texas	Robert J. Cordell
1932	Oklahoma City, Oklahoma	Irving Perrine	1976	New Orleans, Louisiana	M. Gordon Frey
1933	Houston, Texas	Alexander Deussen	1977	Washington, D.C.	Richard F. Meyer
1934	Dallas, Texas	Clyde M. Bennett	1978	Oklahoma City, Oklahoma	Lee R. Riley
1935	Wichita, Kansas	E. C. Moncrief	1979	Houston, Texas	Anthony Reso
1936	Tulsa, Oklahoma	Frank Rinker Clark	1980	Denver, Colorado	John P. Lockridge
1937	Los Angeles, California	Frank A. Morgan	1981	San Francisco, California	Donald L. Ziegler
1938	New Orleans, Louisiana	R. A. Steinmayer	1982	Calgary, Canada	James MacDonald
1939	Oklahoma City, Oklahoma	R. W. Laughlin	1983	Dallas, Texas	Lewis S. (Stan) Pittman
1940	Chicago, Illinois	Verner Jones	1984	San Antonio, Texas	Edward C. Roy, Jr.
1941	Houston, Texas	Alexander Deussen	1985	New Orleans, Louisiana	George D. Severson
1942	Denver, Colorado	C. E. Dobbin	1986	Atlanta, Georgia	Howard R. Cramer
1943	Fort Worth, Texas	Karl A. Mygdal	1987	Los Angeles, California	Eugene F. (Bud) Reid
1944	Dallas, Texas	Joseph M. Wilson	1988	Houston, Texas	Richard S. Bishop
1945	Tulsa, Oklahoma	Business meeting only held	1989	San Antonio, Texas	Don F. Tobin
1946	Chicago, Illinois	Theron Wasson	1990	San Francisco, California	James R. Baroffio
1947	Los Angeles, California	Harold W. Hoots	1991	Dallas, Texas	Charles F. Dodge
1948	Denver, Colorado	Thomas S. Harrison	1992	Calgary, Canada	George Eynon
1949	St. Louis, Missouri	W. B. Wilson	1993	New Orleans, Louisiana	Bob Sabaté
1950	Chicago, Illinois	Lynn K. Lee	1994	Denver, Colorado	Robbie R. Gries
1951	St. Louis, Missouri	Walter H. Spears	1995	Houston, Texas	James O. Lewis, Jr.
1952	Los Angeles, California	Howard C. Pyle	1996	San Diego, California	John A. Minch
1953	Houston, Texas	Carleton D. Speed, Jr.	1997	Dallas, Texas	Tom Mairs
1954	St. Louis, Missouri	Graham B. Moody	1998	Salt Lake City, Utah	M. Lee Allison
1955	New York, New York	G. Moses Knebel	1999	San Antonio, Texas	Edward C. Roy, Jr.
1956	Chicago, Illinois	Morris M. Leighton	2000	New Orleans, Louisiana	Eric P. Mason
1957	St. Louis, Missouri	Harold T. Morley	2001	Denver, Colorado	Stephen A. Sonnenberg
1958	Los Angeles, California	Leo R. Newfarmer	2002	Houston, Texas	Jeffrey W. Lund
1959	Dallas, Texas	W. Dow Hamm	2003	Salt Lake City, Utah	Thomas C. Chidsey, Jr.

## International Conference Locations and General Chairmen

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

## 2003 Fifty-Year Members

List is not comprehensive. It includes only those who attained 50-year membership in 2003.

Ward Owen Abbott  
Carlos E. Albrizzio  
John Linsley Allen  
Samuel Judson Allen  
Ralph Charles Anderegg  
Sidney Bakken Anderson  
Peter Antonenko  
John Avila  
S. T. Ayers  
Roland John Bain  
Donald Wallace Baird  
Earl A. Baldon  
Paul Edwin Baria  
Rolf R. Beier  
Paul C. Berner  
Andrew David Berry  
Charles William Betton, Jr.  
Louis John Bevacqua  
Donald Leroy Bieber  
John Edwin Bishop  
Robert William Blaha  
Gerald Pat Bolden  
Albert S. Bonner, Jr.  
Robert Christian Bostrom  
Walter A. Boyd, Jr.  
Dan Bozanic  
Joe Clint Bradley  
Charles Ernest Branham  
Ross Edwin Brannian  
Herbert Lee Brewer  
Charles Eugene Brown  
James Stanley Brown  
Edwin Roscoe Bullard, Jr.  
William J. Burgess  
Lewis B. Burleson  
Ernest Raymond Bush  
Harry Duncan Campbell  
John Watson Carey  
Kendall Philip Carlson  
Stewart Jopling Carlson  
Logan Wickliffe Cary  
John Kelty Cassell  
James Warren Caylor  
William L. Champion  
Albert Chauvin  
George V. Chilingar  
Louis Bernard Christian  
Stewart Chuber  
Arthur L. Cochrum  
Sheridan Caraway Conley  
Ellis D. Cooper  
Howard W. Cox  
John Campbell Craddock  
Thomas Marvin Cullum III  
Graham R. Curtis  
Murray Peter Dahill  
Matthew Will Daura

William James Davies  
George John Degenfelder  
Robert Ross Dern  
Robert Floyd Dill  
Richard Oliver Donley, Jr.  
Jules Ramon DuBar  
Joseph Andrew Dunwoody  
Clarence O. Durham, Jr.  
Edward Fleming Durkee  
Russell R. Dutcher  
Glenn Dale Eddington  
Ralph L. Edwards  
David Jay Ewing  
Bruce Willard Fields  
William Charles Finch  
Leonard Samuel Fowler  
Richard John Frost  
Joseph Bertram Fryer  
Gerard Julian Genik  
William Wayne Gibson  
James Paul Gillum  
Wyeth Leonard Goode  
William Charles Goth  
Raymond W. Govett  
John Peter Griesbach  
Erwin Elwood Grimes  
Fred Rankin Grote  
Robert D. Gunn  
George Waverly-Brigg Hall  
Tod Powell Harding  
Robert Eugene Harpster  
J. Richard Harris  
Rogers Austin Hauck  
Philip Thayer Hayes  
Charles William Hayward  
Floyd Edwin Heard  
Willard Mack Hennington  
George Cyrus Hepburn, Jr.  
Robert William Hickman  
Richard Allen Hicks  
Hugh Jerry Hodgden  
Robert Donald Hoffman  
Raymond Joseph Holasek  
Alfred John Julian Holck  
Clifford Kelton Holloway  
John Lincoln Howell, Sr.  
Michael E. Hriskevich  
John Frederick Hubert  
Joseph Poyer Deyo Hull, Jr.  
William Herbert Hunt  
Neal Liburn Hurley  
Alan Jackson  
Frank Henry Jacobeen, Jr.  
John B. Jacobson  
Gerhard Cyril J. Jansen  
Charles Norman Jennings  
Ralph Donald Johnson  
Stedwell Johnston  
Bryan Lloyd Jones  
Guy Wilson Joyce  
Edward Harry Judson

Neal Jack Kappeler  
Allen S. Keller  
James H. Kempf  
Karl Forsythe Kennedy, Jr.  
Cecil C. Kersting  
Walter Paul Kessinger, Jr.  
Frank Hale Kilmer  
William Percy Kirker  
Robert Rex Klinger  
Fred Billy Lacy  
Leon Max Lampert  
King David Lankford, Jr.  
Hans Peter Laubscher  
Charles Vincent Lee, Jr.  
Donald Ransom Lindsay  
Robert V. Littlejohn  
Truman F. Logsdon  
Donald W. Lovejoy  
Keith Allen Lowell  
William Dean Lynch  
Robin Loss Lyon  
William John Malin  
William Hamilton Mannon  
Clyde David Martin  
Anibal R. Martinez  
Harold Edward Mathy  
William Blair McCarter, Jr.  
L. A. McCord, Jr.  
Robert O. McCrae  
Donald Gene McCubbin  
Horace W. McGee  
Douglas Hugh McGinness  
Robert Owen McGinnis  
Donald Paul McGookey  
Jere W. McKenny  
Richard Royce McLeod  
Robert E. Megill  
Maurice Elvin Mendenhall  
Jack Edward Mergele  
Raymond Earl Metter  
Walter Charles Miller  
Aylmer Lee Morgan III  
Joseph Kent Morgan  
Donald Keith Murray  
Haydn Herbert Murray  
James Wilson Mytton  
Kenneth Loran Nelson  
Richard Carol Norman  
James Edmund O'Brien  
Robert Davis Odell  
Billy Charles O'Donnell  
David William Evan Organ  
Robert M. Owens  
John T. Palmer  
Robert Earl Park  
Richard Allen Paull  
Selmer Lane Pederson  
Daniel Anthony Pedrotti  
Joe S. Peerson  
Alain Perrodon  
Erwin Frank Pesek

M. Dane Picard  
George Bruno Pichel  
Edward Everett Pugh, Jr.  
Charles Henry Raitz  
Theodore John Reagan  
Henry Earl Repp  
Merrill J. Reynolds  
William Eddy Richardson, Jr.  
Robert Mitchell Robbins  
Jean Paul Rochet  
Michael A. Rogers  
Donald Charles Rusk  
Howard Leroy Sahl  
Edward William Saunders  
James Henry Schriber  
Richard Putnam Sevier  
William Emmett Shafer  
Theodore Dwight Sheldon  
William Alton Skees  
John Small, Jr.  
Earl Winston Smith  
Grant McKay Smith

Robert Ryland Smith  
Jerol Murray Sonosky  
Robert Hansen Steed  
Richard Ream Storm  
James Jennings Storrie  
John Grenville Stout  
Fred Lee Stricklin, Jr.  
O. M. Stuart  
Robert T. Terriere  
Thomas Luman Thompson  
William J. Traeder  
Henry Grady Traylor  
Louis Dale Troth  
William Dale Trumbly  
Arthur James Tschoepe  
Charles Dwight Tyler, Jr.  
Rex Warren Ulricksen  
Richard Alvin Upton  
Martin Whiteley Vernon  
Laurence William Vigrass  
Fred J. Wagner, Jr.  
Charles Walter Walsh, Jr.

George E. Walter  
Reid Martin Waltman  
Stanley Nero Warburton  
Elmer James Webb  
Leland Weichbrodt  
Lawrence Weiss  
Charles Bowen Wheeler  
James Robert White  
Peter N. Wiggins III  
Jack J. Williams  
William Otis Williams  
Paul Dewey Willis  
Guilford James Wilson, Jr.  
Richard Lambert Winborn  
Erman A. Wood, Jr.  
J. G. Woodward  
J. Dexter Wright  
Gordon Alan Young  
Malcolm Doyle Young, Jr.  
Richard M. Zajic

## Constitution

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

Bylaws as amended May 11, 2003.

## 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) Juniors (until May 17, 2003)
- (e) Students
- (f) 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-five (35) 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. Juniors

Subject to the other provisions of this Section 6, any graduate with a major in geology or an allied science from a college of acceptable academic standards may apply for Junior membership provided that:

- (a) The applicant is engaged in geological exploration or research; or
- (b) The applicant is engaged in teaching geology.

Any application for Junior membership pending on April 11, 1999, shall be considered as an application for Associate membership as of such date and no person may apply for admission as or be admitted as a Junior member after that date. The Junior membership classification will be eliminated effective May 17, 2003, and Junior members on that date shall automatically become Associates.

### SECTION 7. 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 8. 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 9. 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) 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 10. 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 11. 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 12. 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, unless expelled for ethical reasons, may be reinstated by unanimous vote of the Executive Committee, upon fulfillment of such requirements as may be established by the Executive Committee.

### **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**

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.

#### **SECTION 11. Vacancies**

A vacancy occurring in the offices of Vice President, Secretary, Treasurer, or Editor shall be filled by the Executive Committee.

A vacancy occurring in the office of President-Elect 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 providing 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**

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. Notice by mail of at least five (5) days shall be given to the members of the Executive Committee prior to meetings, unless waived. A quorum shall consist of four (4) members. No proxy votes shall be allowed and no alternates may be appointed for absent members.

### **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 or Delegate from the US 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 committee-men 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. At the annual meeting of the House of Delegates in which these bylaws are amended to provide for a Chairman-Elect of the House of Delegates, the House of Delegates shall elect a Chairman, whose term of office shall be one (1) year, a Chairman-Elect and a Secretary/Editor. At subsequent annual meetings of the House of Delegates, the House of Delegates shall elect a Chairman-Elect and a Secretary/Editor.

(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, 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, Junior, 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 \$75
- Emeritus—Up to \$37.50
- Honorary—None
- Junior—Up to \$30
- Student—Up to \$10
- Associate—Up to \$75

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 Juniors will be required to pay the same rate as Active Members after four (4) years as a Junior;
- (d) That students who join while undergraduates will be required to pay the same rate as Juniors after six (6) years of Student membership; that Students who join while in graduate school will be required to pay the same rate as Juniors after four (4) years of Student membership; that eligibility for Student dues rate will cease prior to the limits herein set forth upon termination of academic enrollment or upon commencement of full-time professional employment or practice; and that individuals from any class of membership upon termination of full-time professional employment or practice and enrollment as a 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 any remaining eligibility for Student dues rate under the provisions herein set forth;

(e) An Associate who applied for Associate membership subsequent to April 11, 1999, and 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.

(f) That the annual change in dues for Active Members cannot exceed twenty percent (20%), and that this annual change is noncumulative; and

(g) 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, Junior, 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 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 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.

P.O. Box 979 • Tulsa, Oklahoma 74101-0979  
Offices at 1444 S. Boulder Avenue • Tulsa, Oklahoma 74119  
800-364-2274 (U.S. & Canada) • 918-584-2555 (Other) •  
Fax: 918-560-2694 • E-mail: postmaster@aapg.org •  
Web site: www.aapg.org