

# 2001 ANNUAL REPORT

— For the Fiscal Year July 1, 2000 to June 30, 2001 —

## 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—explorationists who seek and find hydrocarbon resources.

## Founders of AAPG

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

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

## Treasurer

Copies of the complete financial statements 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.

**Edward B. Picou, Treasurer**

## Editor

AAPG's technical publications include the *Bulletin*, our monthly scientific journal, and Special Publications, which are books and technical documents in other forms.

In 2000–2001 (July through June), we published 89 technical papers in the *Bulletin*. Of these, 77 were full-length arti-

cles, 9 were E&P Notes, and 3 were discussions and replies. These papers totaled 1771 pages of reviewed science, which compared to 1577 pages last year.

The remainder of the *Bulletin* pages were used to publish sectional and international abstracts, memorials, and announcements. Our goal is to maximize the number of pages of scientific information that we publish every year.

We received 89 manuscripts in 2000–2001 (July through June), compared with 145 manuscripts for the same period the previous year. The average turnaround time from submittal to publication remained at about two years. Papers with good technical content and few editorial problems took less time to publish. A backlog exists, and we are making efforts to have papers available on the Web site before they come out in hard copy. Of the manuscript decisions made during 2000, 62% were accepted, 11% required major revisions, and 27% were rejected or withdrawn. The accompanying table shows the topic areas for submitted papers.

E&P Notes remains a popular part of the *Bulletin*. Besides the articles written by Scott Montgomery, members have increasingly submitted their own papers. The goal of E&P Notes is to provide timely information on hot plays or reservoir descriptions. To date, most studies have been domestic, but some international case studies have been published.

In January 2001, we published a special issue of the *Bulletin* entitled "Chert Reservoirs of North America." The goal of theme issues is to bring collections of quality papers together in single issues. They are more cost effective and have a broader distribution than the typical books that AAPG publishes.

The number and variety of Special Publications was strong this year. We produced six Special Publications, including a book on global climate change and a book on South Atlantic margins. The editor, Publications Committee, and AAPG staff have a goal of 30 working projects at any one time, and 10 Special Publications per year.

In 1999, the Executive Committee successfully acquired the rights to AAPG's digital publications by purchasing Datapages. Online access to the *Bulletin* is now available at a reasonable cost to the members. For the first time, members may choose to receive the *Bulletin* in digital or paper form. AAPG's e-commerce

## Statement of Income and Expenses

	General Fund FY 1999-00	General Fund FY 2000-01	Budget FY 2000-01	Budget FY 2001-02
<b>Operating Income</b>				
Dues	\$1,576,667	\$1,575,360	\$1,598,614	\$1,737,276
BULLETIN subscription	259,718	313,438	240,000	260,000
Advertising income	1,444,270	1,608,230	1,511,000	1,534,000
Sales of publications	778,641	842,216	912,000	786,600
Interest and Dividends	740,856	773,558	766,000	780,000
Service Fees	1,413,485	1,651,378	1,715,635	1,699,255
Conferences and Meetings	4,130,891	4,058,647	3,491,485	2,962,690
Page Contributions	8,300	11,650	20,000	20,000
Gain (Loss) on Datapages	(24,029)	(28,101)	—	(25,000)
Grant Income	474,069	494,302	433,000	468,140
Miscellaneous	139,891	140,828	95,500	79,000
<b>Total Operating Income</b>	<b>\$10,942,759</b>	<b>\$11,441,506</b>	<b>\$10,783,234</b>	<b>10,301,961</b>
<b>Operating Expenses</b>				
Salaries and Benefits	\$3,199,358	\$3,059,823	\$3,050,738	3,018,513
Publishing Cost of BULLETIN	435,815	457,254	500,000	480,000
Publishing Cost of EXPLORER	366,581	322,186	325,500	378,456
Cost of Special Publications Sold	342,266	373,815	368,700	368,700
General Office Expense	689,272	589,643	683,659	645,163
Postage and Shipping	585,475	687,523	642,614	656,601
Building Expense	307,262	312,510	295,000	291,692
Professional Fees	1,175,492	1,005,455	937,597	961,150
Management Consultant Fee	—	—	—	—
Staff Training & Development	—	—	—	10,000
Staff Travel	130,685	138,900	123,855	121,544
Professional Travel	486,238	421,752	434,725	357,970
Conferences and Meetings	2,555,025	2,400,303	2,396,952	1,929,513
Depreciation	217,607	226,391	182,000	197,000
AGI Dues	62,392	62,209	82,336	69,392
Meeting Presence/Display	69,131	62,166	—	—
Miscellaneous Grants and Awards	—	267,882	260,000	270,700
Student Expo	—	—	10,000	—
Contingency Budget per President	—	—	103,346	96,345
Miscellaneous	373,018	375,064	243,723	280,717
<b>Total Operating Expenses</b>	<b>\$10,995,617</b>	<b>\$10,762,876</b>	<b>\$10,640,745</b>	<b>10,133,456</b>
<b>Income (Loss) From Operations</b>	<b>\$ (52,858)</b>	<b>\$ 678,630</b>	<b>\$ 142,489</b>	<b>\$ 168,505</b>
<b>Balance Sheet Summary</b>				
Assets		\$18,792,712		
Liabilities		\$ 5,191,299		
Fund Balance		\$13,601,413		
<b>Total Liabilities and Fund Balance</b>		<b>\$18,792,712</b>		

site has been a success, and sales volumes continue to build.

**Neil F. Hurley, AAPG Editor**

**Distribution of Bulletin Papers  
by Topic**

Topics	No. of Papers
Stratigraphy	17
Basin Analysis	10
Structure/Tectonics	10
Diagenesis	9
Reservoir Characterization	9
Other (13 topics)	57

## House of Delegates

The House of Delegates, the legislative body of the AAPG, had a very busy and productive year. Through the diligent efforts of House committees, orchestrated by their respective chairmen and with the full cooperation of the AAPG Executive Committee and Advisory Council, the annual meeting of the House of Delegates held on June 3, 2001 must be termed a success. This was also due to the participating delegates being informed and prepared to address all of the issues.

The Constitution and Bylaws Committee once again led the way with ten separate issues for consideration this year. Bylaws amendments that passed clarified the election of international delegates, eliminated (as redundant) the need for the Executive Committee to affirm "legality" of House Constitution and Bylaws considerations, eliminated the word "suitable" from the description of candidate nominees for AAPG office from the Advisory Council to the Executive Committee, established a time equivalency for both the House and Executive Committee to introduce legislation, established protocol for the release of election results to the candidates for AAPG office (by mutual written consent), placed limitation of members from holding simultaneous elected offices, and established the means for the Advisory Council to select alternates.

With recommendations for defeat from the Executive Committee, Advisory Council, and House leadership, a constitutional amendment that would have mandated the cooperation of the Executive Committee, Advisory Council, and House of Delegates was defeated in relatively short order. In its place, a resolution that provides a method for their cooperation passed

and will receive final consideration in 2002 as a Bylaws amendment. Similarly, a resolution requiring a two-thirds majority vote in the Executive Committee to change the order of the nominees list from the House also passed and will receive final consideration at the next House meeting.

The Rules and Procedures Committee presented ten issues for consideration and with only minor modification, all passed. Most notable of these was a procedure and time sequence for the "disaffiliation" of affiliate societies that have disappeared or are otherwise defunct as well as a "retention" procedure for House committee members, chairmen, and vice chairmen. The remaining considerations streamline the House meeting, provide for organizing House business during the year, and limit members of the Honors and Awards and Nominations and Elections committees from being award nominees or candidates for House office while serving on these committees.

Applications for affiliation of the Association of Petroleum Geologists (Dehra Dun, India) and Japanese Association of Petroleum Technology were presented by the Resolutions Committee and approved by the House of Delegates.

The Future of Earth Scientists Committee presented a progress report on the cooperative effort within the AAPG and among other societies to develop a realistic appraisal of the hiring trends for earth science professionals in the foreseeable future.

The House also approved the findings of the ad hoc Audit Committee that staff evaluations should be called for as needed in the opinion of the Executive Committee and not mandated on a regular basis. The report also included the findings that independent annual financial audits are already being conducted and require no additional action.

This year's House awardees were Martha Lou Broussard, Honorary Member of the House; both Dwight "Clint" Moore and J. Michael Party, Distinguished Member of the House; and both Johnnie B. Brown and Arthur M. Van Tyne, House Long Service.

Under new business, a resolution for representation on the Advisory Council, based on section and region member population, was introduced. After due consideration and some spirited debate, the resolution was resoundingly defeated.

The House of Delegates still has a substantial amount of business to consider in the near future.

The House leadership needs to work closely with the Executive Director and AAPG staff to devise a means for dele-

gate participation in the review of all AAPG member applications; their input is invaluable. It is critical, however, that the application review process function more quickly and efficiently than is often the current case. Similarly, a course of action must be clearly established for how to deal with the phase-out of Junior membership. There is also a need to consider appropriate change of the language of the Bylaws to establish *Robert's Rules of Order* as the authority for all governing processes not specifically covered in the Constitution and Bylaws of the Association. This would eliminate a considerable amount of time and effort going into annual, and often minor, changes of the Bylaws.

In addition to the two resolutions already passed for consideration as amendments next year, the Constitution and Bylaws Committee needs to consider action to safeguard the voting participation of the Divisions on the Advisory Council. The 2000–2001 Executive Committee has already requested this action from the House of Delegates.

The Resolutions Committee should review the delegate turnover by society on an annual basis and be prepared to make recommendations for actions to correct many, single-year turnovers. Imbalances in delegate turnover in particularly the larger delegations create numerous problems for both the delegations and the House leadership.

The Credentials Committee and House leadership need to recommend clearer language for the Bylaws regarding what constitutes a quorum and during a House of Delegates meeting.

The Honors and Awards Committee needs to consider a certificate to be presented each year to the outgoing secretary/editor of the House. For dealing with the minutes of the House meeting, several issues of *The Delegate's Voice* and oversight to the HOD Forum, this simple recognition is most deserved.

Last, the House of Delegates should continue to work closely with the AAPG Executive Committee and Advisory Council, not because of a method or a mandate for cooperation, but because we can. It is in the best interest of the Association and its members.

**Lowell K. Lischer, Chair**

## Foundation

The Foundation's major objectives are to provide funding for programs encouraging advancement of the geosciences and for projects that support the educa-

tion, training, and career enhancement for earth scientists.

Because of a depressed stock market, the Foundation's investment portfolio decreased \$102,998 to \$17,406,374 during the past fiscal year. Including fixed assets, primarily the AAPG Headquarters buildings, the total assets of the Foundation were \$22,037,235.

For the fiscal year, the Foundation had total gross revenues of \$2,230,497. Total expenditures of \$1,887,856 resulted in a positive cash flow of \$342,641 from operations. Net realized and unrealized capital gains and losses of a negative \$(1,135,005) resulted in a net loss for the year of \$(792,364).

Total contributions to the Foundation in 2000–2001 were \$744,687. A major gift of \$50,000 from the estate of Jessie Van Bandat was used to fund a Memorial Grant-in-Aid in the names of Horst and Jessie Van Bandat. Another major gift of \$50,000 from Michel T. Halbouty established the Michel T. Halbouty Lecture Series at the AAPG Annual Meeting. Seventeen percent of AAPG members contributed \$103,808 to the Foundation through the AAPG dues statements.

In view of unfavorable market conditions, it was considered prudent to minimize new initiatives the past year and to reduce support to lower priority programs. As a result, total disbursements for grants and program services were \$930,805, compared to \$1,029,000 in the prior year. Planned support for the coming year is budgeted at \$1,030,000, reflecting recovery of earlier capital losses.

Major program allocations during the past year included the following: Distinguished Lecture and Visiting Geologists programs—\$286,000; *AAPG Bulletin*—\$160,000; Grants-in-Aid—\$172,000; Austin Weeks Undergraduate Grants—\$50,000; K–12 education initiatives—\$55,000; Canadian Technical Training Center at the University of Calgary—\$50,000 jointly with AAPG; AAPG library—\$105,426.

Nine new Named or Memorial Grants-in-Aid were added during the past year, bringing the total to 43. Those honored by the new grants were Alexander and Geraldine Wanek, Bernold (Bruno) Hanson, Kenneth Keller, Don R. Boyd, Raymond Woods, Paul Danheim Nelson,

Garth W. Caylor, James W. Milliken, and Horst and Jessie Van Bandat. Biographies of those honored and memorialized through the grants are included on the AAPG Web site.

The third recipient of the Chairman's Award for outstanding support of the Foundation was recognized at the Denver Annual Meeting in June. James E. Wilson was honored for his past service to the Foundation, including 13 years as chairman of the Board of Trustees.

Jack C. Threet was elected chairman of the Board, effective July 1, 2001. William L. Fisher was elected as a new member of the Board of Trustees. Marlan W. Downey and Robert W. Esser joined the Foundation Corporation for 5-year terms as new members.

Foundation Trustee Associate membership totaled 249 at year's end. Fourteen new members joined the Associates during the year. The Foundation appreciates the active support of the Associates, which has been such an important factor in its continued growth.

**L. W. Funkhouser**

## Reports of the Divisions

### Division of Environmental Geosciences

The 2000–2001 year has been a dynamic one for the DEG, and an even more vigorous one is in the making for next year. The DEG Executive Committee and the DEG Advisory Board met separately via teleconference on a bimonthly basis to plan numerous programs and activities for our membership, and to discuss various issues dealing with the affairs of the Division. Each meeting lasted for several hours, but was always important and always productive. In addition, the DEG leadership met together over a three-day period in conjunction with the AAPG Annual Meeting in Denver.

The DEG president represented the Division at all AAPG section meetings but one (which was attended by the DEG president-elect), the AAPG Annual Meeting, the AAPG International Meeting, and a DEG International Environmental Conference, as well as serving on the AAPG Advisory Council.

In addition to the technical programs, an exhibit booth and a division luncheon promoted the DEG at most meetings. I express my gratitude to president-elect Bill Harrison, vice president Jane McColloch, secretary/treasurer Ken Vogel, and editor Stephen Testa for their hard work, responsiveness, dedication, and outstanding service on the DEG Executive Committee.

The members of the DEG Advisory Board were proactive, involved, and fulfilled their responsibilities to the highest standard. Due to the topics and issues faced by the Division this past year many of the DEG standing committees were very active.

Among the projects started, refined, or completed this year include the development and approval of an environmental short course and field seminar to the Amazon rainforest, refinement and expansion of our DEG Web site, publication of DEG Fact Sheets on Coalbed Methane and the ISO 14000 Environmental Management System, completing the final details for offering an online environmental short course, and beginning work on an

"ezine" e-mail communication tool for our membership. An amendment to the DEG bylaws was also approved by the membership that adds an additional year of service on the Executive Committee for the immediate past president of the Division.

Educational topics sponsored this past year by the DEG included programs on sustainability of water and energy; environmental geology, engineering, and hydrology; greenhouse gas emissions; CO<sub>2</sub> sequestration; and public lands access.

On the international front, the fiscal year 2000–2001 was a very important one for the Division. The DEG sponsored oral and poster sessions at the AAPG International Meeting in Bali, Indonesia, and at the AAPG Regional International Conference in St. Petersburg, Russia. In Aberdeen, Scotland, the DEG sponsored its first environmental conference, titled "Impact on the Environment of Offshore Oil and Gas Operations," with the Petroleum Exploration Society of Great Britain and the Institute of Petroleum. Future DEG conferences are being planned in the Eu-

## DEG Founding Members

Amorouso, John J.  
Argen, Ralph J.  
Baer, James L.  
Bishop, Richard S.  
David, Edward K.  
Ferns, C. Kipp, Jr.  
Fisher, William L.  
Fox, Timothy  
Gerhard, Lee C.  
Gibbs, James A.  
Green, Willard R.  
Hanson, Bernold M. Bruno  
Hartman, James A.

Hass, Eric K.  
Jackson, James R., Jr.  
Jordan, Robert R.  
Kiser, Susan C.  
Kohl, Barry  
Larré, Gay L. H.  
Lewis, Donald W.  
Longacre, Susan A.  
Meyer, Richard F.  
Meyer, Willis G.  
Murray, William G.  
Petersen, Neil F.

Pyron, Arthur J.  
Rollins, Thomas W.  
Ross, Carolyn  
Shanks, Kathryn A.  
Sides, Jerry M.  
Strunk, Paul M.  
Townes, Harrison L.  
Ward, John Robert  
Weimer, Robert J.  
Wermund, Edmund Gerald, Jr.  
Woodfork, Larry D.  
Wright, Thomas Lawton

ropean region as well as being considered for other international regions.

One of the most significant highlights of this past year was the establishment, through the AAPG Foundation, of the Bernold M. "Bruno" Hanson Environmental Grant for graduate students involved in environmental studies as they relate to the petroleum industry. In its first year, contributions surpassed the \$30,000 mark. As a result, a \$1,500 grant will be awarded annually in Hanson's name. This is a superb way to perpetually honor the legacy of the "founding father" of the DEG, and something all members of the DEG and of the Association can be proud.

This year provided an opportunity for a new spirit of collaboration among the Association's divisions. The presidents of the three AAPG divisions worked closely together to enhance and assure more interdivisional communication and cooperation concerning issues that jointly affect our divisions. The coalbed methane issue was an example of the divisions working together to present a united voice for our Association.

DEG also faces some challenges. Our active membership numbers have experienced a decline from the highs of several years past, as is true with our Association. Increasing the membership benefits and services and a more aggressive membership recruiting effort are two of the ways we must use to turn this trend around.

In addition to being the voice of the Association in addressing environmental issues that affect the exploration and production sector of the petroleum industry, and offering educational opportunities for our membership, we also provide a useful and tangible member benefit with our quarterly, peer-reviewed journal *Environmental Geosciences*. Although we will continue to publish our journal, there are some issues and concerns we must take into account.

As a result of our dues structure over the past several years, most of the DEG membership dues go directly to offset the publication costs of our journal, leaving very little funding for other DEG programs and member benefits. In addition, a growing number of our members are located outside the United States. The cost to the Division to provide the journal to international members is greater than their dues cover.

To address the associated costs to provide a quality journal as well as to insure that our Division remains fiscally responsible to the membership, the Executive Committee has taken a number of actions. Effective June 6, 2001, DEG members who have not paid their annual dues will no longer receive *Environmental Geosciences* until their dues are made current. In the past, the Division has continued to provide the journal, for up to one year, to members who are not current with their dues. Beginning with the July 1, 2002 membership year, dues for active members will be \$45 for North American members and \$55 for members whose mailing address is outside North America. The dues will include an annual subscription to *Environmental Geosciences*.

Student member dues will continue at \$5, but to receive the journal students must pay an additional \$20 beginning with the second year of student membership. Currently, all first-year student members of the Association receive *Environmental Geosciences* with their membership. Increasing active membership numbers in the Division will provide for increased member benefits.

The larger our overall DEG membership base, the lower the production cost of our journal will be, thus providing funds to support additional DEG-sponsored programs.

Offering *Environmental Geosciences* in electronic format can also lower the associated cost to the Division. Marketing our

journal to other geological/environmental organizations is also being actively discussed to increase journal circulation, thereby lowering overall publishing costs. The leadership of the DEG is addressing these issues and concerns.

I offer my thanks to you, the DEG members, for the fellowship, friendship, support, and encouragement you have given me this past year. Serving as your president and serving our Association as a member of the AAPG Advisory Council has been a personal blessing and a highlight of my professional career. I pray that I have represented you with humility, honesty, dignity, and honor.

**Michael "Doc" Weathers, President**

## Division of Professional Affairs

As we enter the 2001–2002 fiscal year, I am pleased to report that the AAPG Division of Professional Affairs is a very dynamic organization with numerous professional initiatives in progress, a growing membership, and a very strong balance sheet.

### Membership

As of April 30, 2001, DPA had 3493 Certified Petroleum Geologists, of whom 17 were Certified Coal Geologists and 56 were Certified Petroleum Geophysicists. Peer confirmation of one's professional competency and ethical business conduct is relevant to all AAPG members. At a time when more and more geologists worldwide are becoming independent by choice, or through company mergers and downsizing, DPA membership is being recognized as the world's "gold standard" for professional certification. Brenda Cunningham, Midland, Texas, the DPA Membership Committee chair, will be working

hard to reach out to younger AAPG members and the growing international AAPG membership.

### **Finances**

The DPA balance sheet is strong. As of the fiscal year ending June 30, 2000, the DPA had a treasury balance of \$514,715, consisting of \$34,027 in the cash account and \$480,688 in the investment account. Annual income was \$169,888; expenditures were \$106,602; and net gain for the year was \$63,278. As of the quarter ending March 31, 2001, the DPA had total assets of \$551,482.

### **Government Affairs**

The Division of Professional Affairs is the arm of the AAPG that addresses public energy policy and regulatory issues. Under the leadership of the new committee chair, Lee Gerhard, energy policy was a major focus of the DPA during 2000–2001. DPA energy policy position papers and recommendations for a sound U.S. Energy Policy were sent to the Bush and Gore 2000 presidential campaign staffs, and later to the Bush administration.

The highlight of our 2000–2001 Government Affairs Committee efforts was the testimony of DPA and AAPG representatives before the Senate and House subcommittees on energy. AAPG past-president M. Ray Thomasson testified on domestic energy supply and policy before the House Energy Committee in Washington on April 12, 2000. DPA president Skip Hobbs testified before the Senate Energy Committee in Washington on July 26, 2000 regarding U.S. Natural Gas Resources and the lack of public will to develop the nation's abundant energy resources. AAPG past-president Marlan Downey testified before the House Energy Committee on March 15, 2001 regarding natural gas supply and public policy. On March 22, 2001, Naresh Kumar testified before the House Energy Committee concerning the national petroleum resource estimates of the USGS and MMS. On May 14, 2001 in New Orleans, Ben Hare testified before the House Energy Committee on the resource potential of the Outer Continental Shelf. Copies of the testimony are posted on the AAPG Web site.

The numerous invitations this past year to provide testimony resulted from DPA efforts to cultivate relationships with staff members of the Senate and House energy committees. We asked how we could help the committees with expert testimony on energy supply matters, and our offer was readily accepted. AAPG is viewed as a learned scientific society rather than a petroleum industry trade group. The public is interested in the

opinions of scientists. David Applegate, the Government Affairs coordinator for the American Geological Institute, has provided the AAPG with excellent support in Washington.

The DPA was also instrumental in organizing a daylong "summit meeting" on energy policy issues that was attended by more than 100 delegates representing the leadership of the major geoscience professional societies, government agencies that deal with land use and energy, and members of Congress. This landmark meeting was held April 23, 2001, in Washington, D.C.

At the annual convention in Denver, the DPA, together with the EMD and DEG, sponsored a forum on "Mineral Access to Public Lands in the Rockies."

DPA president Skip Hobbs spoke on domestic energy matters as the luncheon speaker at the Rocky Mountain Section meeting in Albuquerque, New Mexico on September 19, 2000, and at the Pacific Section meeting in Los Angeles on April 9, 2001. He also gave speeches on energy policy in his capacity as DPA president at the Pittsburgh Association of Petroleum Geologists October 2000 meeting; in Lexington, Kentucky on March 8, 2001, at a public policy forum organized by the Kentucky Geological Survey; and on June 13, 2001, before a local business group in New Canaan, Connecticut. Hobbs was also in Washington in November 2000 where he was interviewed about U.S. Energy Policy during a 50-minute live Voice of America television broadcast to 30 million viewers in China.

To provide AAPG members with the statistics to support their arguments regarding energy policy, DPA has prepared an "Energy Facts" report. This can be accessed from the home page of the AAPG Web site. AAPG energy positions are now available in PowerPoint or as 35-mm slides for member presentations to local geological societies or civic organizations.

Position papers that support access for exploratory drilling in the Alaskan National Petroleum Reserve and to the Arctic National Wildlife Refuge (ANWR) were approved by the AAPG in August 2000. The DPA, along with the DEG and EMD divisions, also prepared a position paper on the environmental impact of frac fluids in coalbed methane completions. The AAPG Executive Committee approved this in December 2000. All AAPG policy position papers are available on the AAPG Web site.

### **State Registration and Licensing Matters**

Rick Ericksen, chairman of the DPA State Licensing and Registration Commit-

tee, is now the AAPG representative to the Association of Boards of Geology (ASBOG). One of Rick's new tasks is to assist in preparation of the ASBOG administered written examination for state licensure of professional geologists.

The licensure of geologists in Texas has been a contentious issue for many years. The DPA, in cooperation with the EMD and the DEG, drafted a policy statement that endorses the licensure of professional geologists in Texas, provided that resource geologists whose work does not directly impact the health, welfare, and safety of the public be excluded from mandatory registration. The AAPG Executive Committee approved this position paper in November 2000. It was Rick Ericksen's testimony on behalf of the AAPG before the Texas Senate and House committees dealing with the licensing legislation that resulted in the Texas Legislature finally passing the Texas Geoscientist Licensure Act in April 2001.

### **Continuing Education**

Dan Tearpock, chairman of the DPA Continuing Education Committee, is working to develop short courses that are responsive to member needs and are affordable. DPA would like to develop courses that can be offered repeatedly by the same instructor at the level of sectional and local geological societies. Please contact Dan at (713) 789-2444 if you have any course suggestions, or would like to serve on the Continuing Education Committee.

### **Constitutional Reform**

At the October 2000 mid-year meeting of the DPA Advisory Board and Executive Committee, major changes in the DPA Constitution and Bylaws were approved. Under the proposed bylaws revisions, the elected Advisory Board will be renamed the "Board of Councilors," and will be truly empowered to represent the DPA membership in governing the DPA. The DPA Executive Committee will report to the Board of Councilors, and will execute the policies established by the Board. This is a revolutionary change in AAPG governance. Proposed bylaw changes will be voted upon by the DPA membership.

### **Inter-Division Coordination**

The DPA is committed to working more closely with the DEG and EMD. Toward this end, during this past year Ron Grubbs, EMD president; Doc Weathers, DEG president; and I copied each other e-mails on all issues that affect the Divisions. We also hosted a joint session on "Access to Public Lands" at the Denver convention.

### **DPA Life Membership Award**

DPA's highest award was presented to Jack P. Martin, Lafayette, Louisiana, at the Denver convention DPA awards banquet. Jack served as DPA president in 1987–1988, and has been a very active participant in DPA affairs forever.

### **DPA Distinguished Service Award**

At the Denver convention, past-president Stephen A. Sonnenberg, and the past chairman of the Government Affairs Committee, Dwight McClintock Moore, were presented with the DPA Distinguished Service Award. The DPA has benefited greatly from the contributions of these stalwart members.

### **Best Paper Award**

Kenneth F. Wantland, Tulsa, Oklahoma, was awarded the DPA's Best Paper Award for his presentation at the DPA technical session in New Orleans. Ken's paper was titled "Personal Career Strategies for the New Global Marketplace."

### **Guiding Your Career as a Professional Geologist**

The immensely popular DPA booklet edited by Peter Rose, titled *Guiding Your Career as a Professional Geologist* has been reprinted by the AAPG.

### **Officers for 2001–2002**

Officers for 2001–2002 include Royce P. Carr, Mount Pleasant, Texas, president; Deborah K. Sacrey, Houston, Texas, vice president; Thomas Mairs, Dallas, Texas, president-elect; Brenda Kay Cunningham, Midland, Texas, secretary; Suzanne Cluff, Denver, Colorado, treasurer; and G. Warfield "Skip" Hobbs, past-president.

It has been a distinct honor and pleasure to serve as DPA president. I thank my fellow officers, the Advisory Board members, our committee chairs and members, and especially, Norma Miller Newby at AAPG Headquarters, for their terrific support and assistance.

### **G. Warfield "Skip" Hobbs, President**

## **Energy Minerals Division**

This report is adapted from the report given to the AAPG House of Delegates at the 2001 convention in Denver.

The EMD is charged with the outreach function of AAPG in the areas of coal, coalbed methane, geothermal energy, uranium, oil sands, oil shale, gas hydrates, the technical areas of geospatial information, and energy economics and technology. This is a very broad portfolio,

in fact the broadest within AAPG. Our coverage is so broad in fact that it touches the professional lives of every AAPG member. Some of you may never need to delve into the technical aspects of all or any of our commodities, but you all have an interest in energy economics and/or technology, and most of us are being forced into GIS whether we wish it or not. EMD's task is to reach out and make such information and technology easier for you to obtain and apply. So, what are we doing to accomplish this?

First, we are running an efficient and even profitable operation as we serve our roughly 1600 members. Our treasury is healthier than at any point in the Division's history. It now looks like we will close our 2000–2001 books with a net profit of about \$15,000 and total assets of about \$81,000. As discussed in our business meeting, this will afford our Division the opportunity, next year, of celebrating our 25th year as an AAPG Division with greater programs and better services than ever before.

We have built and improved links with sister associations such as the Society of Mining Engineers, the Society for Organic Petrology, and the Society of Economic Geologists and look forward to cooperative programs in the near future.

We have redesigned and updated our Web site (EMDAAPG.ORG). It now includes primers and brief bibliographies for each of our commodities and service areas. These are mainly directed toward the public, but it will soon include more robust commodity materials under a restricted "members only" section as well as calendars of events and the other stuff of an online e-newsletter. Our Web site is intended to be the centerpiece of news and activities in all of our service areas. In a sense, it is modeled after the Dallas Geological Society Web site, which in the last few months has gone from a few hits per month to 30 or so hits per day.

We are active participants in AAPG's conventions, preparing and teaching short courses, field trips, and technical sessions on our various service topics. I was informed recently that all of our field trips and short courses for this year have filled and sold out. We owe a vote of gratitude to Tom Fouch and all on his committee for the excellent job they have done for us this year. We are planning great programs for Houston 2002 (by Roger Fisher) and Salt Lake City 2003 (by Dennis Nielson), too.

We have also been active citizens of AAPG in helping with preparation of two policy statements and by providing two speakers to the AAPG presidential forum

on the national energy policy, which was held in Washington DC in April.

Our members have contributed articles to the AAPG Bulletin and Explorer, and we are developing monographs on coalbed methane and the sequence stratigraphy of coal-bearing strata, as well as planning an update to our very successful, CD, Atlas of Coal Geology, which is now in its second printing.

To facilitate the dissemination of knowledge of EMD's service areas we have taken on the task of building a large poster, which will be useful in the classroom as well as in the halls of government. Draft copies were exhibited at the convention in the EMD booth as well as in the Geosat booth. I thank John Dyni and each of our service area chairs for their contributions to make this happen. We are moving to publish this poster in time for our 25th anniversary in Houston next year.

EMD suffered a close call this year. A combination of misunderstandings, ambiguous reporting of membership statistics, and poor timing conspired to deprive us of our vote on the Advisory Council at the AAPG Annual Meeting. The problem was based in the fact that our members who are full members of AAPG had declined to 742 on the annual census date of June 30, 2000. Since only full members are counted for accreditation of AAPG's Divisions, this meant we were subject to disenfranchisement. A late membership drive rescued us from a repeat of that fate this year. There are currently actions afoot in the House of Delegates and the Advisory Council to avoid this problem in the future. For an outreach arm of AAPG, little is served by such restrictive and unproductive requirements.

The Energy Minerals Division has come through some tough times in recent years. I believe I am justified in citing the old saying, "That which does not kill us, makes us stronger." We were down, but we're back. We have a clear vision of who we are and where we're going. With our new strong fiscal position, we are set to make great strides, and we are dedicated to that task. It took the concerted efforts of every EMD leader to bring us to our current perch, and the same level of energy will be needed to take us to the next level. To this end we replace ourselves with even better leaders. I am very comfortable in handing over our Division to our new board. It has been an honor and a privilege to be the president of EMD. Thank you.

### **Ronald L. Grubbs, President**

## Eastern Section

The 29th annual meeting of the Eastern Section was held September 23–27, 2000, in London, Ontario, Canada, hosted by the Ontario Petroleum Institute. The theme for the meeting, "Northern Prospects—the 21st Century" was reflected in the field trips, workshops, short courses, posters, and technical sessions.

Ten technical sessions were presented along with posters. In addition to several sessions on Canadian plays, talks covered general subjects, basement geology, and environmental geology. Field trips visited the Guelph Reefs of Elora Gorge, Lambton County for an oil heritage tour, and Devonian fossil-collecting sites in the Thedford-Arkona area. A core workshop at the Oil, Gas and Salt Resources Library examined Ordovician and Silurian carbonates. Hydrothermal dolomite reservoir facies were the subject of a short course. The annual meeting also had a deal room and a full exhibition.

Honors and awards presented at the 2000 Eastern Section meeting included the following:

- John T. Galey Memorial Award: Samuel T. Pees
- Honorary Membership Award: Kenneth G. Johnson
- Distinguished Service Award: Jane S. McColloch and Lawrence H. Wickstrom
- Gordon H. Wood, Jr., Memorial Award: Paul C. Lyons
- Outstanding Educator Award: Paul Edwin Potter and Donald Lawrence Woodrow
- George V. Cohee Public Service Award: John H. Talley
- A. I. Levorsen Memorial Award (best paper): David G. Morse
- Vincent E. Nelson Memorial Best Poster Award: Charles W. Zupann and Michael A. O'Neal
- Ralph L. Miller Memorial Best EMD Paper Award: Stephen F. Greb and David A. Williams
- DEG Best Paper Award: John A. Mundell, James A. Berndt, and Joseph C. Arnold

Officers elected at the meeting for fiscal year 1999–2000 were John L. Forman, president; Michael E. Hohn, vice president; Hannes E. Leetaru, secretary, and Steven P. Zody, treasurer.

In recognition of their service, two members of the Eastern Section were given awards at the AAPG Annual Meeting in Denver. Carl J. Smith was named

an Honorary Member, and Robert C. Milici received the Michel T. Halbouty Human Needs Award.

The Eastern Section has its Web site operating. The site can be found at <<http://karl.nrcce.wvu.edu/esaapg/>>.

### Section Activities

The Eastern Section is involved in numerous activities from hosting an annual technical program, outreach programs such as Rocks in Your Head through the Eastern Section Outreach Program and PTTC workshops. In 2000, the Eastern Section sponsored a teacher's workshop in New York State, funded by the AAPG Foundation. A new program to promote the collection, preservation, and utilization of samples and cores is under way. Funding money is being requested.

### Finances

The Eastern Section continues to be on solid financial ground. Total assets of the Section as of December 31, 2000 were \$30,681.20. Our Eastern Section Outreach Program (ESOP), chaired by G. Warfield "Skip" Hobbs, also has money available to provide financial help for worthwhile projects/programs submitted by individuals or groups and approved by the Eastern Section. Maximum awards have been \$500 per project. At the end of year 2000, ESOP had a balance of \$3,459.16.

**Michael E. Hohn, Vice President**

## Gulf Coast Association of Geological Societies

Twelve geological societies in the Gulf Coast area 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 (GCS-SEPM), attracts the largest attendance among the AAPG section meetings. In 2001 the convention was held in Shreveport, Louisiana.

Awards for the best papers and posters presented at the GCAGS/GCS-SEPM 2000 convention held in Houston were presented to the following:

- A. I. Levorsen Memorial Award: Fuping Zhu (co-authors Richard L. Gibson, Jr., Joel S. Watkins, and Sung H. Yuh)
- GCAGS/GCS-SEPM Grover E. Murray Best Published Paper Award: First place, Richard H. Fillon and Paul N.

Lawless; second place, H. Edward Denman and John A. Adamick; and third place, Marc B. Edwards

- GCAGS/GCS-SEPM Thomas A. Philpott Excellence of Presentation Award: First place, William C. Parcell; second place, Tony Whitbread (co-authors Todd Nicholson and William C. Owens); and third place, Gregory J. Halvatzis and Kevin B. Hill
- GCAGS/GCS-SEPM Gordon I. Atwater Best Poster Award: First place, Grant D. Wach, (co-authors Rome G. Lytton III, Douglas K. McCarty, Laura C. Korn, and Sharon L. Moate), second place, Mark E. Gregg and Charles T. Bukowski, Jr.; third place, Gregory J. Halvatzis

Other awards presented include the following:

- GCAGS Honorary Member: Claude C. Baker
- Outstanding Educator Award: William R. Dupre, Leo A. Herrmann, and George B. Flowers
- Distinguished Service Award: James R. Dugan, Tim L. Rynott, Robert B. Branson, and E. Gerald Rolf
- GCAGS Outstanding Science Teacher Award 2001: Andrea Walker

To recognize two living GCAGS founding fathers, special recognition was given to Thomas H. Philpott and Philip Allin.

The GCAGS established the Don R. Boyd Medal for Excellence in Gulf Coast Geology and awarded the first Medal to Don R. Boyd. The medal was presented to Mrs. Boyd at a Corpus Christi Geological Society Meeting in April 2001. No nominations for this award were made for the 2001 Convention.

This year's GCAGS *Transactions* (vol. 51) were dedicated to John T. Palmer and B. Ross White of Shreveport.

Each year the Student Grant Committee recommends research grants to students attending colleges and universities in the Gulf Coast area. This year the Board of Directors approved awards of \$20,750 to 21 students representing 9 universities.

In December 2000, Earth Enterprises ceased operations and all GCAGS publications were transferred to the Bureau of Economic Geology at the University of Texas. Doug Ratcliff, who is associate director with the Bureau, was named chairman of the Publication Committee. Amanda Masterson, administrative associate at the Bureau, is the contact person for purchases.

**Orville Roger Berg, President**

## Mid-Continent Section

Although the Mid-Continent Section is one of the smallest sections of the AAPG, we are pleased to report that we are alive and well and actively promoting the region and profession. We are financially sound and have been able to finance many worthy causes.

Included in the past year's endeavors are revamping of our Web site and preparing for the biennial convention to be held in Amarillo this fall. With the current climate, expectations are high for continued growth and participation by the Mid-Continent Section.

**Jerry W. Andersen, President**

## Rocky Mountain Section

The year 2000–2001 was an exciting year for the Rocky Mountain Section (RMS), during which the officers and Executive Committee instituted several important changes.

A new four-year officer roll-up system was adopted. Section officers are president, president-elect, secretary/treasurer, and secretary/treasurer-elect. After this year (2000–2001), one new officer will be elected annually for a four-year term, beginning as secretary/treasurer-elect and rotating each year up through the progression of offices to that of president. He or she will be chosen from the geological society scheduled to host the section meeting four years out.

The officers elected this year and corresponding future sites of annual Section meetings are

- Lance Cook, president, WGA host of the 2002 RMS meeting
- Paul Anderson, president-elect, UGA host of the 2003 RMS meeting
- David Hawk, secretary/treasurer, IGS host of the 2004 RMS meeting
- Donna Anderson, secretary/treasurer-elect, RMAG host of the 2005 RMS meeting

Jerry Walker, NPS, reviewed the RMS Constitution and Bylaws. The Section made changes where necessary.

Two candidates participated in the Teacher of the Year program: Steve Johnson from Churchill County High School, Fallon, Nevada (NPS) and John McKinney from Castle Rock Middle School, Castle Rock, Colorado (RMAG). McKinney was selected outstanding teacher by the RMS. He subsequently became the 2001 AAPG Teacher of the Year, earning the \$5,000 Award for Excellence in Teaching

of Natural Resources in the Earth Sciences.

Most member societies were represented at the RMS Annual Meeting held at the AAPG Annual Meeting in Denver. Each presented affiliated society annual reports regarding membership numbers, activities, officers, and financial summaries.

The RMAG as host society of the 2001 AAPG Convention, chaired by Steve Sonnenberg, presented three technical events representing the Rocky Mountain Section: (1) Rocky Mountain Reservoirs, two-day core-poster session; (2) Gas in the Rockies, oral session and poster session; and (3) Traverse the Colorado Front Range—Denver, Colorado Springs, South Park, field trip.

The Section financial statement submitted by Secretary/Treasurer Donna Anderson listed current assets of \$99,339.26. Income for the year was \$2,867.78 and expenses were \$26,357.27, resulting in a net loss of \$23,489.49. Of the expenses, \$23,872.27 was incurred at the RMS meeting held in Albuquerque (hosted by the AGS) in September 2000. Paul Catacosinos, chairman of the AGS year 2000 RMS meeting in Albuquerque, recommended that most future Section meetings be held in the larger society cities, such as Denver and Salt Lake City.

Lou Bortz (RMAG) presented the RMS-AAPG Foundation report. Net account value at September 15, 2000 was \$145,983.98. Disbursements since September 15, 2000 were \$10,131.53. Income since September 15, 2000 was \$14,771.86. Total assets as of April 30, 2001 were \$150,624.30, reflecting a net increase of \$14,771.86. The RMS Executive Committee reelected Phillip R. (Bob) Grant, Jr. to the Board of Foundation Directors.

John Lorenz (AGS) was elected AAPG editor and consequently will serve on the AAPG Executive Committee; therefore, he must give up his seat on the Advisory Council as RMS representative. Betsy Campen (MGS) and David Hawk (IGS) were selected as candidates for the RMS seat on the AAPG Advisory Council. An election will be held during the summer 2001.

**Edward D. Dolly, President**

## Southwest Section

The 2001 Annual Meeting was held March 10–13 at Brookhaven College in conjunction with the opening of the Ellison Miles Geotechnology Institute, Dallas Texas. The Dallas Geological Society

hosted the meeting. Chairman Richard G. Green, along with his committee, organized a highly successful convention.

High water on the Brazos River required the postponement of the fluvial field trip; however, the papers, posters, social events, DPA, and all-convention luncheons were well attended and appreciated.

The popular Rocks in Your Head seminar armed 60, K–3 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. For the first time in many years, the Southwest Section hosted a president's reception to honor the many volunteers within AAPG.

During the opening session of the annual meeting, 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 George B. Asquith. The Distinguished Educator Award, in recognition of outstanding contributions to geological education in the Southwest Section area was bestowed upon Charles F. Dodge III. Gerald E. Harrington received the John Emery Adams Distinguished Service Award. The A. I. Levorsen Memorial Award was presented to Shirley P. Dutton, who along with her co-authors presented the best paper at the 2000 Annual Meeting. The A. L. "Al" Cox Award was presented to Steve Weiner and Jeff Heyer for their poster at the 2000 meeting.

Continuing the practice of offering free, one-day short courses, two presentations were made. In November, Kurt Rottmann of Oklahoma City presented "Geological Considerations of Waterflooding and Geological Perspectives of Reservoir Engineering" to 76 attendees in Abilene. At the annual meeting in Dallas, Robert M. Sneider presented "Development Geology, Reservoir Characterization and Reservoir Management" to 58 attendees. Although the cost to the Section for these two courses was \$6,500, it is an effective and appreciated way to give back to the membership.

The outgoing Section Board of Directors consists of president, Valary Schulz, Dallas; vice president, Bill Watson, Midland; secretary, Bob Cannon, Dallas; and president-elect, John Underwood, Roswell, New Mexico. Newly elected officers for 2001–2002 are president, John Underwood; vice president, Jeff Ritchie, Wichita Falls; secretary, Brenda Cunningham, Midland; and president-elect, Geoff Ice, Fort Worth. Treasurer Pat Bolden,

Midland, and Gerry Harrington, Roswell, continue their respective terms as treasurer and advisory councilor.

For the second year, the Board of Directors met three times rather than the customary twice per year meetings. The ad-

ditional meeting in the fall enhanced the operations of the Board and committees. In addition, the representatives to the DPA, EMD, and DEG were invited and encouraged to attend, further facilitating communication within the section.

The Section is in sound financial order with net assets of \$109,953.13, showing an increase over the prior year of \$2,441.16.

**Valary L. Schulz, President**

## Reports of the Committees

### Academic Liaison

*The function of the Academic Liaison Committee is to serve as liaison among all committees having activities related to college and university students and teachers of geoscience and between the Association and academic organizations having interests compatible with the purposes of the Association as set forth in Article II of the Constitution.*

The committee is in a phase of redefinition. Part of this process was a meeting on June 5, 2001 in Denver of committee members, chairs of several related committees, and AAPG vice president and executive committee liaison Don Lewis. It was recognized at the meeting that the Academic Liaison Committee needed to examine its role in light of the creation and expansion in the last several years of other committees with programs and activities relating to students and the academic community (Mentoring, Visiting Petroleum Geologist, Student Expo, etc.). AAPG has a significant collection of ongoing outreach programs, but no central clearinghouse for the communication of all of those activities. Improvements in communication will be the focus of the redefinition of the Academic Liaison Committee.

Many constructive issues were raised during the meeting:

- Lack of centralized effort to communicate academic related programs and services, and functions of academic related committees
- Recognition that the Visiting Geologist Program has shouldered much of the responsibility for serving as the front-line communicator to members and nonmembers in the academic community
- Lack of advertisement of resources that could be utilized by the teachers
- Need for a list of faculty contacts in academic departments and the recognition that this person should not simply be the chair of the department by default; an interested AAPG member must be identified

- Severe under-utilization of the Web site
  - Lack of teaching petroleum geologists at colleges and universities and examples of reticence and lack of funding to hire qualified instructors
  - Decreasing recognition of field camp as a required part of the standard geology curriculum—related to the decrease in the number of faculty willing to commit time and effort to teaching in lieu of research (fund raising/tenure) during valuable summer “vacation,” increasing costs of maintaining field camp facilities and associated insurance, increase in number of non-traditional students (students with children and working spouse, single parent students, etc.), and rising out-of-state tuition costs
- Discussion of these issues led to the following action items to be pursued:
- Construction of a single Web page for students and academics to find all of AAPG’s offerings, including links to job and internship opportunities and related pages of sister societies
  - Establishment of the Academic Liaison Committee as an umbrella committee whose responsibilities will include communicating related committee activities to the membership, but not acting in any way as an oversight committee
  - Reexamination of the endorsed petroleum curriculum developed during 1990–1994 and revision as needed for redistribution, taking into account House of Delegates study on Future of Earth Scientists
  - Rebuilding of an active committee membership

**James V. White, Chair**

Committee members: James V. White, chair, Wayne Merrill Ahr, Stephen Ernest Laubach, and E. Troy Rasbury.

### Astrogeology

*The function of the Committee on Astrogeology is to provide a forum for ideas on astrogeology. Efforts include a*

*speaker’s bureau, symposia at various meetings, encouragement of poster sessions on astrogeology, and a liaison with groups of similar interests, such as the National Aeronautics and Space Administration. Provision is made for subcommittees to study comparative planetology, impact-cratering geology, particularly as related to hydrocarbon and mineral occurrences, planetary geology, remote sensing, and exploration on Earth’s natural resources from space, Earth applications of developments from the space program, and exploration and development of natural resources in and beyond the solar system.*

### Michel T. Halbouty Annual Lecture Series

The Astrogeology Committee sponsored Carolyn Shoemaker at the first Michel T. Halbouty Annual Lecture Series at the Denver AAPG Annual Meeting. Although the talk was given in the ballroom of the Denver Convention Center at 5:00 p. m. on Monday, it was well attended.

Stephen Sonnenberg, general chairman of the 2001 Denver meeting, announced this lecture series, which is generously supported by Halbouty. Astrogeology Committee member Bill Muehlberger introduced Shoemaker.

Shoemaker’s talk, “Through a Crystal Ball,” examined the record of comet and meteorite impacts on the Earth, reviewed the historic impact of the comet Shoemaker-Levy on the surface of Venus, and showed anecdotal photographs of Carolyn and Gene searching the outback of Australia for impact sites and the skies for new comets.

### Business Meeting

Items discussed at the business meeting included

- the selection of a new vice chair to replace Jan Cannon who assumed the chair on July 1,
- suggestions for new committee members,
- Committee plans for the 2002 meeting in Houston,

- Committee plans for the 2003 meeting in Salt Lake City,
- revenues from the Mars stamp sales.

**A. E. "Ted" Bence, Chair (outgoing)  
Jan Cannon, Vice Chair (incoming chair)**

Committee members: Alfred Edward Bence, chair, M. Lee Allison, Mark Anthony Beeunas, David G. Campbell, Philip Jan Cannon, Cassandra R. Coombs, Graham R. Curtis, Sandra C. Feldman, Alan Russell Hildebrand, David T. King, Jr., Pablo Alberto Luchetti, William R. Muehlberger, William Richard Smith, and Jeffrey L. Warner.

## 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 met on Tuesday, May 15, 2001 and counted the ballots for the annual election of officers. A total of 18,849 ballots were mailed to our voting members, of which 5,140 were returned. This equates to a 27.3% participation by our voting membership. The results of the election are as follows:

President-Elect	Daniel L. Smith
Vice President	Donald W. Lewis
Secretary	Charles J. Mankin
Editor	John C. Lorenz

**Daniel H. Finnefrock, Chair**

Committee members: Daniel H. Finnefrock, chair, John Thomas Abney, Richard W. Behling, W. Martin Borg, J. Glenn Cole, Craig Ferris, Michael Albert Fouke, Frank W. Gagliardi, Joseph R. Huffstetler, William Edwin Little, Robert B. Lyon, Jr., Herman Friday Middleton, Louis Robert Reeder, Charles D. Seiler, Christopher E. Slagle, Ronald Wayne Snyder, Glenn Hill Timson, and Richard Hensler Voris.

## 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 AAPG Committee on Committees (COC) was formed in 1990. The Com-

mittee 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.

Year-to-date issues and projects are noted below:

1. The section on External Communications (pertaining to Web page maintenance), in the Committee Membership Guidelines document, has been rewritten and reissued.
2. Copies of year-to-date AAPG Committee liaison assignments for fiscal year 2001 have been distributed. More than 95% of the standing committee chairs and vice chairs were established and in place by June 30, 2001 for incoming AAPG President Robbie Gries.
3. We need to be aware of reducing costs and time away from work for all standing committee volunteers, while at the same time increasing efficiencies.
4. We need to continue inter-and intra-committee communications.
5. We need to consider options for involving all members responding to the current year's dues statement that want to serve on standing committees.

The Committee on Committees effected several recommendations.

1. The Executive Committee was asked to remind all standing and ad-hoc committee chairs to contact all dues statement respondents wanting to serve on committees. We suggest to chairs that they may use categories such as active, advisory, corresponding, and student for differing levels of participating membership.
2. An executive summary was prepared to include each committee's purpose and the number of members with their work affiliation. This summary, including a recommendation to consolidate the standing committees, was reviewed at the 2001 Leadership Conference (LC) in Tulsa. Work affiliation categories included majors; small companies/independents; consultants; academia; and government. The summary notes that a study of 12 standing committees, to date, suggests that membership among all committees constitutes 26% majors, 24% small companies/independents, 30% consultants, 12% academia, and 8% government.
3. E-mail correspondence should be priority coded so that the recipient can immediately respond (A), respond as

soon as convenient (B), or review for information only (C).

The COC held its annual meeting at the AAPG Annual Meeting in Denver. The following items were discussed at various levels of detail:

1. Each member of COC was asked a question in preparation for a future AAPG membership survey. The question: "What is the one thing you need to know in order to do your business significantly better?" The results will be forwarded to the survey committee, for assessment, prior to distribution of the general survey.
2. Changes to the Committee Membership Guidelines regarding maintenance of standing committee Web pages was reviewed.
3. The February 2001 Leadership Conference (LC) breakout sessions were briefly reviewed. Issues covered included (a) how societies work together; (b) quality of facilitators, reports, discussions and organization; (c) Web-based training as a money maker; (d) lower prices for publications set at \$49; (e) future modification for LC to reduce time in breakout sessions; (f) review of membership interest in committee involvement via dues statement feedback; (g) duplication of efforts among breakout sessions with lack of feedback; and (h) too many international meetings.

Other comments focused on the need to review membership interest in committee involvement via dues statement feedback, using membership levels (active, participating, and corresponding) to encourage more involvement in committees by more members, and developing ways to speed up the membership application process.

**George R. Bole, Chair**

Committee members: George R. Bole, chairman, Dave Campbell, Brian Cardott, Mark Gallagher, Pete Gray, Bob Lindblom, Bob Laudon, Clint Moore, Bill Morgan, Pierce Pratt, Deborah Sacrey, Dan Smith, Art Van Tyne, Clyde Wootton and Pinar Yilmaz. Liaison to the COC includes Chuck Noll, AAPG secretary, and Linda Burris, AAPG headquarters staff.

## Convention Coordinating

The 2001 Annual Convention was held in Denver from June 3 to 6. The theme of the convention, "An Energy Odyssey," reflects the changing times and condi-

tions being experienced by the oil and gas industry. An odyssey, of course, is a long wandering or voyage marked by many changes of fortune.

The convention marked not only the 86th annual meeting of AAPG, it was also the 32nd annual meeting of the Division of Professional Affairs, the 24th annual meeting of the Energy Minerals Division, the 9th annual meeting of the Division of Environmental Geosciences, and the 75th annual meeting of SEPM, which hosted a diamond jubilee symposium to commemorate the anniversary. The host society for the convention, the Rocky Mountain Association of Geologists, was founded in 1922, and this was the seventh time the AAPG Annual Meeting has been held in Denver.

Registration for the convention was the highest in the last ten years. The total registration for the convention was 7,122. Professional registration was 4,224; spouse registration was 698; student registration was 467; and exhibitor registration was 1,733.

The opening session featured a PowerPoint presentation by Steve Sonnenberg and talks by AAPG President Marlan Downey and SEPM President-Elect Dag Numendal. AAPG Vice President Ron Nelson presented AAPG Awards. The opening session was well attended.

The technical program consisted of eight concurrent sessions, a core poster session, five half-day poster sessions, electronic poster sessions, electronic poster sessions, 18 short courses, 14 field trips, several forums, and the convention theater. More than 1,000 abstracts were accepted for presentation. The half-day poster sessions were a departure from past years when full-day posters were offered. The electronic posters were an inaugural event and a huge success. The core posters brought some rocks back into the convention. The oral presentations were mainly delivered by using computers (PowerPoint) instead of slides, which greatly improved the quality of presentations. The program was very robust and had something for everyone.

Carolyn Shoemaker gave the inaugural Michel T. Halbouty Lecture on Monday afternoon at 5:10 p.m. The rest of the technical program was finished for the day, which provided a slot for the lecture.

The all-convention luncheon was a sell-out and featured a talk on the Bush Administration Energy Policy. The speaker for the talk was finalized late in the program because of a lack of commitment from the Bush Administration to give a presentation. The other luncheons at the convention were also well attended.

In addition to the technical program, more than 40 committees met during the week. The convention and hotels provided good facilities for the various meetings.

The Exhibits Hall was full and featured exhibits, the International Pavilion, the Prospect Property Marketplace, electronic posters, regular posters, and the virtual café. The exhibition area was a level above the technical program rooms, which enabled delegates to get from talks to posters to exhibits quickly and efficiently. More than 30 countries were represented in the International Pavilion.

The International Pavilion reception was moved from the usual Saturday night to Monday night, which was a big success. The move enabled more international delegates to attend the reception. A special international forum was held Wednesday afternoon for the IP delegates.

The special entertainment was focused into a single event instead of multiple night events. This also appeared to go over well.

Spouse activities were well planned and well attended. The spouse hospitality room was well attended by both spouses and delegates.

Fund raising was successful, which helped lower the costs of not only the convention but also the various events. Sponsors were recognized via banners and posters at the convention.

### **Stephen A. Sonnenberg, Chair**

Committee members: Steve Sonnenberg, chair, Tom Ahlbrandt, Donna Anderson, Ed Berg, Jan Blankenship, Robert Cluff, Sue Cluff, Tim Collett, Marshal Crouch, Ed Dolly, Tom Fouch, Penny Frush, Steven Goolsby, Robbie Gries, Robert Groth, Gus Gustason, Jeanne Harris, Richard Inden, Dennis Irwin, Bob Lamarre, Susan Landon, Jim Lowell, Sandra Mark, Randi Martinsen, Katie Joe McDonough, Susan Morrice, Janet Pitman, Randy Ray, Bill Sarni, Bob Sellars, Charles Senz, Matt Silverman, Mary Louise Smith, Mark Sonnenfeld, Deborah Sycamore, Lou Taylor, Steve Veal, John Webb, Dave Wheeler, and Laura Wray.

## **Distinguished Lecture**

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

The Distinguished Lecture Committee is charged with nominating and selecting distinguished lecturers for fall-spring lecture tours. These tours are designed to provide academic and affiliated societies access to superb geoscientists showcasing their work.

The Committee currently consists of 19 dedicated professionals, representing 6 oil and gas companies, 5 consultants, 7 academic institutions, and 1 government position. Judged by the success of the 2000–2001 season (Table 1), and the breadth of speakers for 2001–2002 (Table 2), the Committee continues to maintain a high caliber and balanced roster of lectures that bring a diverse sampling of our science to many audiences.

The estimated cost for the 2000–2001 domestic and international tours is \$240,813. This included \$84,033 for direct travel and \$153,720 in operations expenses. Income from host societies—approximately \$43,170—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 seven 2000–2001 North America Distinguished Lecturers provided a total of 127 visits, 53 in the eastern section and 74 in the western part of North America and reached an audience of 7,259 (42 geological societies and 85 universities). Additionally, the international subcommittee fielded five speakers who toured in six regions (also in Table 1) that delivered 59 lectures, in Australasia, Eastern and Western Europe, Central Asia, Middle East, and Latin America (SE Asia scheduled for September 2001) to an audience of 1,985—total for both domestic and international estimated 8,463.

The 2001–2002 tour promises to be equally successful. To date, we have received a total of 245 requests for our slate of 8 speakers. As is usual, this suggests speakers contend with very hectic schedules as they endeavor to broaden AAPG's impact on our discipline.

In continuing the cooperative effort with other societies, the AAPG-SEG Distinguished Lecture's administrative responsibilities were handled by SEG (Table 2). Henceforth, both the AAPG and SEG Distinguished Lecture Committees will select the intersociety lecturer. Kurt Rudolph was selected to be the next speaker; AAPG will handle the administrative responsibilities as previously agreed.

AAPG appreciates all efforts shown by the lecturers' companies and universities

in providing them with their technology resources in drafting superior slides accompanying the talks to granting them extended periods of time away from the office for the tours, occasionally as much as six weeks.

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 Lecturers such as the Allan P. Bennison International Distinguished Lecturer, funded by Allan Bennison; the Haas-Pratt Distinguished Lecturer, funded

by Merrill W. Haas (who died this year); the Roy M. Huffington Distinguished Lecturer, funded by Terry Huffington in honor of her father; the Dean A. McGee International Distinguished Lecturer, funded by Kerr-McGee Corporation; and the J. Ben Carsey Distinguished Lecturer.

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.

Last, but certainly not least, please join me in thanking each of the committee for their continued efforts.

**Paul Weimer, Chair**

Committee members: Paul Weimer, chair, Marianne Weaver, vice chair, Robbie Gries, Executive Committee liaison, Sheila C. Barnette, H. Edward Clifton, Joseph R. Davis, Steven L. Dorobek, Gregor Eberli, Frank G. Ethridge, \*Alfredo Guzman, William B. Hansen, Marty Hewitt, Robert A. Horton, Jr., Peter J.

**Table 1. 2000–2001 AAPG Distinguished Lecturers**

**North America Distinguished Lecturers**

**Lee Krystinik**

Litho-Logic Ltd., Fort Worth, Texas

- (1) "Finding Subtle Traps Using Sequence Stratigraphic and Syndimentary Tectonic Analysis"
- (2) "Sequence Stratigraphic Variability in Foreland Basins: An Example from the Cretaceous Western Interior Seaway of North America"
- (3) "Predicting Fractures 5 Km Down: Integrated Reservoir: Characterization, UPR/DOE Rock Island 4-H well"

**F. Jerry Lucia**

Bureau of Economic Geology, Austin, Texas

- (1) "Origin and Petrophysics of Carbonate Rock Fabrics"
- (2) "Dolomitization: A Porosity Destructive Process"

**David Lumley**

4th Wave Imaging (formerly with Chevron)

AAPG-SEG Inter-Society Distinguished Lecturer

"Next Wave in Reservoir Monitoring: The Instrumented Oilfield"

**Jean Mascle**

Observatoire Oceanologique de Villefranche, Nancy, France

Allan P. Bennison Distinguished Lecturer

- (1) "New Constraints on the Tectonic of the Eastern Mediterranean Sea From Recent Marine Geophysical Surveys"
- (2) "Atlantic Equatorial Margins Off Africa: A Case Study for Transform Margin Development"

**Isabel Montañez**

University of California at Davis

- (1) "Evolution of Strontium and Carbon Isotope Composition of Cambrian Oceans: Potential for Tectonic, Paleooceanographic, and Biogeochemical Events"
- (2) "Evolution of Permian Atmospheric pCO<sub>2</sub> and Western Equatorial Pangean Climate as Recorded by Paleosol Morphologic and Geochemical Proxies"

**Andrew Pulham**

University of Colorado, Boulder

Haas-Pratt Distinguished Lecturer

"Reservoir Performance and Reservoir Quality in a Sequence Stratigraphic Framework: Case Studies from Siliciclastic Reservoirs from the Americas Europe"

**John Warme**

Colorado School of Mines, Golden

J. Ben Carsey Distinguished Lecturer

- (1) "Anatomy of an Anomaly: Catastrophic Devonian Alamo Impact Breccia, Nevada"
- (2) "Carbonate Facies and Sequences in the Jurassic High Atlas Rift, Morocco"
- (3) "Active Margin Sequences and Submarine Canyon Facies Models"

**International Distinguished Lecturers**

**Clifford J. Ando**

ExxonMobil, Houston, Texas

Dean A. McGee International Distinguished Lecturer

Latin America Tour

"Structural Interpretation in the Upstream Petroleum Industry: Application of Global Experience and Key Technologies"

**Paul D. Crevello**

Petrex-Asia Reservoir and Stratigraphy Consultants, Brunei SE Asia

Roy M. Huffington Distinguished Lecturer

Indonesia/Australasia/Southeast Asia Tours

- (1) "Carbonate Reservoir Models: Coupling Depositional Sequence and Pore Network Models in Static 3D Realizations"
- (2) "Turbidite and Deepwater Depositional Systems of Borneo: Foredeep Slope and Basin Floor Fan Systems"

**Paul M. (Mitch) Harris**

Chevron Petroleum Technology, Houston, Texas

Middle East Tour

- (1) "Geologic Framework for the Tengiz and Korolev Fields, Kazakhstan—Carboniferous Isolated Carbonate Platforms"
- (2) "Stratigraphic Framework and Exploration Concepts for the Lower Cretaceous Shelf Margin Carbonates of Texas"

**Stanley T. Paxton**

Oklahoma State University, Stillwater (formerly Exxon)

Southeast Asia/China/Indonesia Tour

"Defining 'Sweet Spots' in Sedimentary Basins through Practical Application of Reservoir Quality Technology"

**Bradford E. Prather**

Eastern and Western Europe/Central Asia Tours

Shell International E&P, Houston, Texas

"Controls on Reservoir Distribution and Architecture in Slope Settings: Implications for the Global Deepwater Play"

Hutchinson, Kenneth G. Johnson, Charles Kerans, Byron Kulander, James D. Lowell, Martha O. Withjack, and \*Pinar Yilmaz.

International Subcommittee: Paul Weimer, chair, Marianne Weaver, vice chair, Peter Attewell, Robbie Gries, Alfredo Guzmán, Julie Kupecz, Douglas D. Lindsey, Peter M. Lloyd, Frank J. Picha, Edward G. Purdy, Nahum Schneidermann, and \*Pinar Yilmaz.

Western European Subcommittee: Edward G. Purdy, chair, Thomas 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; Dmitry A. Shlygin, Kazakhstan; Tadeusz M. Peryt, Poland; Jan Golonka, Poland; Olteanu Ionel, Romania; Konstantin O. Sobornov,

Russia; Jan Milicka, Slovakia; and Alexander A. Kitchka, Ukraine.

\*On both the domestic and international committees

## 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; by recommending subjects for the changing needs in continuing education; by recommending*

**Table 2. 2001–2002 AAPG Distinguished Lecturers**

### North America Distinguished Lecturers

#### Carlos Bruhn

Petrobras E&P, Rio de Janeiro, Brazil

*Allan P. Bennison Distinguished Lecturer*

"Contrasting Types of Oligocene/Miocene, Giant Turbidite Reservoirs from Deep Water Campos Basin, Brazil"

#### Cathy Busby

University of California at Santa Barbara

(1) "Evolutionary Model for Convergent Margins Facing Large Ocean Basins: Mesozoic Baja California, Mexico"

(2) "Climatic and Tectonic Controls on Jurassic Intra-Arc Basins Related to Northward Drift of North America"

#### James Harrell

University of Toledo, Ohio

"Archaeological Geology in Egypt: Ancient Oil Wells and Mummy Bitumen, Earliest Geological Map, First Paved Road, Pyramid Temple Pavements, and the Sphinx Age Controversy"

#### Peter Hennings

Phillips Petroleum Co., Bartlesville, Oklahoma

"Present and Future of Building, Sharing and Exploiting 3-D Models for Characterization of Strongly Deformed Reservoirs"

#### Kurt Rudolph

ExxonMobil Exploration, Houston, Texas

*AAPG-SEG Inter-Society Distinguished Lecturer*

"DHI/AVO Analysis Best Practices: A Worldwide Analysis"

#### Roger Slatt

University of Oklahoma, Norman, Oklahoma

*J. Ben Carsey Distinguished Lecturer*

"Outcrop/Behind-Outcrop Characterization of Deepwater (Turbidite) Petroleum Reservoir Analogs: Why and How"

#### John Suter

Conoco, Houston, Texas

(1) "Deltaic Systems: Perspectives on Facies Models and Sequence Stratigraphy"

(2) "Sequence Stratigraphy in a Development Setting: Petrozuata, Faja Petrolifera del Orinoco, Venezuela"

#### William Zempolich

Offshore Kazakhstan International Operating Company NV, The Hague

*Haas-Pratt Distinguished Lecturer*

(1) "Kashagan Discovery: An Example of the Successful Use of a Multidisciplinary Approach in Reducing Geologic Risk"

(2) "Dolomite Reservoirs Created through Fault-Related Burial Dolomitization: Analogs from the Italian Alps"

### International Distinguished Lecturers

#### Salmon Bloch

Texaco, Houston, Texas

Australasia/Indonesia Tour

(1) "Anomalously High Porosity and Permeability in Deeply Buried Sandstone Reservoirs"

(2) "Predrill Assessment/Prediction of Sandstone Porosity and Permeability in Frontier and Mature Areas"

#### William E. Galloway

University of Texas at Austin

*Roy M. Huffington Distinguished Lecturer*

SE Asia/China Tour

"Cenozoic Deepwater Reservoir Systems Tracts of the Northern Gulf of Mexico Basin"

#### Charles Kerans

Bureau of Economic Geology, Austin, Texas

*Dean A. McGee International Distinguished Lecturer*

Middle East Tour

"Sequence Architecture of Middle Eastern Cretaceous Reservoirs—View from the Canoe"

#### James A. MacKay

Texaco, Inc., Houston, Texas

Latin America Tour

"Exploration Risk Assessment: What is it? How is it Done? Who is Responsible?"

#### Dag Nummedal

Institute for Energy Resources, University of Wyoming, Laramie, Wyoming

Western Europe Tour

(1) "The 'Falling Stage Systems Tract' in Siliciclastic Systems and Its Control on Reservoir Architecture and Exploration Strategies"

(2) "Hydrocarbons of the South Caspian Basin: How Exploitation Depends on the Understanding of the Neogene Paleoclimate"

#### Gabor Tari

Vanco Energy, Houston, Texas

Eastern Europe/Central Asia Tour

(1) "Examples of Salt Tectonic From the West African Passive Margins: Exploration in a Major Emerging Petroleum Province"

(2) "Comparison of the Ouachita and Carpathian Fold Belts"

(3) "Palinspastic Reconstruction of the Carpathian/Pannonian System"

*subjects for the Association's catalog of short courses, schools, field seminars, training seminars, course note series, and related education activities; recommending speakers and program leaders and their fees; advising AAPG leadership on education matters, reviewing proposals relating to continuing education.*

The Education Committee continues in its attempt to stimulate and guide a viable high-quality education program for our worldwide membership. The substance of the AAPG education program includes geoscience exploration and development technology, with emphasis on petroleum, natural gas, and other energy sources. The program is constantly being evaluated as to subject matter, venue, practical application, time away from the office, tuition costs, consistency of overall program to membership needs, proper worldwide involvement, and inter-society cooperation. The committee continues to be active with two general meetings annually, and numerous ad hoc meetings associated with course offerings, subcommittee functions, and investigations into new technologies such as on-line training.

Two main items have been addressed in the field of education. One is the activity on the on-line courses. We have been involved with the American Geological Institute and Bureau of Economic Geology in the marketing phase of putting 15 modules on the Web. This will allow our members to acquire informative, low-cost education on their time. It will have a direct influence on the retention of our members. Another item is the alliance with companies to help train their colleagues in other countries where the companies have an interest contractually to do so.

The courses for this past year did well with few cancellations. The four courses in the Denver Annual Meeting had an average of 40 participants per course. Our tuitions are still in the low to mid-range by comparison with other organizations and professional societies. Four Hedberg Research Conferences will be held in 2001, three internationally and one domestic.

AAPG and the Society of Exploration Geophysicists have developed the first joint education course offering. "Overpressure in Petroleum Systems in Deep Water Plays" taught by Richard Swarbrick and Martin Traugott will be taught at the SEG Annual Meeting in 2001 and then at the AAPG Annual Meeting in 2002. At another inter-society collaboration the AAPG gave a short course on "Reservoir Characterization" at the MEOS meeting in Bahrain, which is primarily a Society of Petroleum Engineers meeting.

Our programs continue to maintain their international balance. The six courses that were held at the Bali International Meeting had a total of 172 attendees, an average of 29 per course. The course at the St. Petersburg meeting was cancelled due to lack of registrants.

The Committee continues to review costs of AAPG education programs vs. sister societies and commercial venues to ensure cost-effective training to our membership. Other avenues, such as on-line training, are being investigated to make our courses more affordable to our members. The Executive Committee continues to underwrite the student tuition reimbursement and Section Meeting Short Course Reduction programs, making these offerings very cost effective to those who participate. The Executive Committee will also match up to \$6,000 with a sponsoring society toward the cost of presenting "Rocks in Your Head."

Because of the dedicated effort of our world-class instructors, our headquarters education staff, and our committee members, the high quality of the AAPG education program remains one of AAPG's more important services to retain and expand membership in the future.

I am retiring as chairman of the Education Committee and want to thank all the members of this committee for their dedication over the past several years. In addition, Eric Frodesen is also retiring as vice chairman. We are both going to remain on the committee. Bob Young will be the new chairman assisted by Ross Clark as vice chairman.

#### **Dan E. Nedland, Chair**

Committee members: Sunit Addy, Kevin R. Allison, George B. Asquith, Arthur L. Bishop, Dudley Wood Bolyard, Arnold Bouma, Sokari P. Braide, Ross Clark, Robert T. Clarke, Mark Clement, James P. DiSena, Frank S. Farkas Jr., Eric Frodesen, Lee C. Gerhard, Anthony J. Grindrod, William B. Hansen, Ben D. Hare, Charles F. Kluth, Phillip A. Levine, Norman Neidell, Hilary Olson, J. Michael Party, Rima Petrossian, L. Stanley Pittman, Dale O. Reese, E. G. (Skip) Rhodes, Steve H. Rowley, J. Anthony (Toni) Simo, Stephen Sonnenberg, Sarah G. Stanley, Scott W. Tinker, Jeffrey Warren, Lawrence (Larry) Wickstrom, and Robert A. Young.

## **Ethics**

*The purpose of the Ethics committee is to investigate ethics violations reported by AAPG members.*

The committee is pleased to report that no ethics violations were reported or investigated during the year.

#### **Stephen A. Sonnenberg, Chair**

Committee members: Steve Sonnenberg, Jim Gibbs, and Terry Hollrah.

## **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.*

#### **Grants Summary**

The AAPG Foundation Grants-in-Aid program received 305 applications for review this year. This is a decrease of 124 or 29% from the previous year (Table 1). One hundred monetary awards were made this year totaling \$172,000. The total number of awards and funding remained essentially the same as the previous year, compared to 108 and \$172,250, respectively. Thirty-three percent of the applicants received awards this year, compared to 25% from the previous year. The average grant was \$1,720, compared to an average grant of \$1,595 in the previous year. All restricted grants were awarded this year to the top-scoring, eligible applicants.

A total of 164 doctoral candidates applied for awards compared to 141 master's candidates, or those seeking the non-U.S. schools' equivalent degree. Forty-nine percent of the doctoral candidates received awards, as did 51% of the master's candidates.

Two-thirds of the applications received were from non-U.S. citizens (66%) compared to one third from U.S. citizens. The funding based on competitive ranking resulted in a nearly even distribution between U.S. citizens (53%) and non-U.S. citizens (47%) (Table 2). Further analysis reveals that 42% of all the applicants are enrolled in U.S. schools, as are 63% of those receiving awards (Table 3).

For the 2001 program year, a Grants-in-Aid program announcement letter and one sample application were sent to more than 1300 schools around the world. The letter referred applicants to a downloadable version of the Grants-in-Aid application form via the AAPG Web site. The availability of multiple hardcopy applications within geoscience departments may account for part of the 29%

decrease in applications received this year. An additional complication was the transition to a new AAPG Grants-in-Aid administrator and disruption in the communication with universities.

The list of the 2001 award recipients was made available on the AAPG Web site after the announcement at the annual meeting in Denver. Abstracts of theses and dissertations from students who received financial grants in 2000 were published in the November issue of the *AAPG Bulletin*. Seventy-three of the 108 award recipients published abstracts. Publication of the abstracts increases the visibility of the Grants-in-Aid program, provides prestige and publicity to award recipients, and informs the membership of student research being supported by the Foundation program. Abstracts for this year's award recipients will be published in the November 2001 issue of the *Bulletin*.

### Funding

Of the total \$172,000 amount awarded, \$112,250 was provided by the Foundation Grants-in-Aid Fund and \$59,750 was from AAPG Foundation "Named Grants," honoring institutions and distinguished AAPG members. Six newly named, permanently funded grants were established within the AAPG Foundation and made available for the 2001 award year:

- Bernold M. "Bruno" Hanson Memorial Environmental Grant
- Raymond D. Woods Memorial Grant
- Paul Danheim Nelson Named Grant
- Horst and Jessie von Bandat Memorial Grant
- Alexander and Geraldine Wanek Named Grant
- Don R. Boyd Memorial Grant

An endowment, made possible through generous contributions from Robert and Ramona Sneider, provides ongoing funding for two \$1,000 Archie International Grants each year. 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 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 2001 program year, the Committee comprised 50 members with geographic representation from Australia (2), Austria (1), Brazil (1), Canada (3), England (4), India (1), Netherlands (1), Poland (1), Russia (1), Saudia Arabia (1),

Singapore (1), Turkey (1) and U.S. (32), of which 6 have strong affiliation with international regions). The Grants-in-Aid Committee aggressively recruits international members. This is greatly facilitated by the international region presidents and Service Team leaders.

Many people deserve recognition for their role in making the Grants-in-Aid program a success in 2001: the AAPG Foundation and individual donors for their generous financial contributions; Committee members for thoughtful review of applications and their suggestions for improving the program; and the AAPG Headquarters staff who are responsible for administration of the Grants-in-Aid program. We wish to thank you all for your contributions, and your dedication continues to uphold the excellence of the AAPG Foundation Grants-in-Aid program.

**Denise M. Cox, Chair**  
**Bret J. Fossum, Vice Chair**

Committee members: Denise M. Cox, chair, Bret J. Fossum, vice chair, Kathy Aulstead, Robin Ausbrooks, Steven Bachtel, Ralph Baird, Jennifer Beall, Winston Bell-Gam, Andrei Belopolsky, Hedi Ben Tahar, Mark Bitter, Alton Brown, Melissa Anne Coleman, Andrew Cullen, Sami Derman, Stephen Edwards, Curtis Evert, Lee Fairchild, Evan Franseen, Francois Gauthier, Jan Golonka, Michael Grammar, Anthony Grindrod, George Grover, Walter Gruen, Nicholas Harris, William Harrison, Denise Hodder, Brian Keith, Gopal Lahiri, Henry Legare, Rhonda Lindsey, Richard Lorentz, Pete Mackenzie, Kevin Meyer, Andrea Moscariello, Eric Potter, Matthew Pranter, Maximiono da Silva Scuta, Robert Spoelhof, Krystyna Swirydczuk, Vladimir Vysotski, Maureen Wan, Elizabeth Witton-Barnes, and Laura Zahm.

**Table 1. 1995–2001 Funding History (Monetary Awards)**

Year	No. of Applicants	No. of Awards	Percent 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

**Table 2. Percentages of Applications Received and Awards Issued, by Citizenship**

Year	Applications Received (%)		Applications Funded (%)	
	U.S.	Non-U.S.	U.S.	Non-U.S.
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

\*Monetary + Merit Awards

**Table 3. Percentages of Applications Received and Awards Issued, by School Nationality**

Year	Applications Received (%)		Applications Funded (%)	
	U.S.	Non-U.S.	U.S.	Non-U.S.
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

## Group Insurance

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

The AAPG Insurance Program appears to have turned the corner from the continual annual decline in total certificates. The addition of the Society of Petroleum Engineers and American Association of Petroleum Landmen to the program has given us the better leverage we were seeking.

Also, the addition (or substitution) of New York Life as our underwriter on most plans has given us much greater stability with rate actions.

We currently have 14 plans in force compared with 13 at last year's report time. (See Table 1). The Universal Life plan is no longer a part of the insurance program and is administered separately by Cigna.

New additions to our program are the Twice Life plan was just added to our most recent multiplan brochure. The dental plan is also new, as is the addition of the Rx part of the In-Hospital.

The Major Medical program has ceased to be marketed since the Comp Healthcare is a much more competitive program. Major Medical may be retained by those enrolled if that is their preference.

Experience credits of 15% of premium were provided on the Term Life plan December 1, 2000, and June 1, 2001.

New members of AAPG under age 50 receive a \$30,000 death benefit Term

Life plan at no cost for their first year of membership.

### John R. Kerns, Chair

Committee members: John R. Kerns, chair, Susan Landon, Keith Murray, Jose Rael, Ed Picou, Burt Nelson, SPE; and Sally Zinke, SEG.

## History of Petroleum Geology

*The function of the Standing Committee on the History of Geology is to encourage research of the roots and evolution of this applied science. The Committee's purpose would be served by the documentation of the geological breakthroughs in the search for oil and of the geologists who realized and conducted them. The scope of this intention is worldwide.*

Our annual forum's title was Petroleum Geology in Selected States. Four states, seen through the eyes of the state geological surveys, were selected as examples of the history of petroleum geology: two mid-continent states (Oklahoma and Kansas) and two coastal states (California and New York).

Seeps of petroleum were known to Indians, and in the mid-continent, giants of geology, including Sidney Powers and Wallace Pratt, were involved in exploration early in the 20th century.

California has produced about 25 million barrels of oil, but in New York mostly gas production and storage have been the hallmarks of the industry.

The New York State Geological Survey is the oldest continuous survey in the United States, and its geologists were the leaders in the science, including such

eminent stalwarts as Amos Eaton (1776–1842), James Hall (1811–1898), Ebenezer Emmons (1800–1863), and in the 20th century George H. Chadwick (1876–1953).

Speakers were Gerald M. Friedman (chair), Daniel F. Merriam (Kansas), Charles J. Mankin (Oklahoma), Kenneth P. Henderson (California), and Arthur M. Van Tyne (New York).

On August 3–5, 2000 we met jointly with the Geological Society of America in Troy, New York to follow in the footsteps of geologic pioneers Sidney Powers (co-founder of AAPG) and James Hall (co-founder of GSA). During the early 19th century the area had the distinction of being the birthplace of the study of geological science in America.

Next year's AAPG Annual Meeting uses a logo picturing a geologist in heavy boots and knickers with plane table and alidade. The description cites "Our Heritage: Key to Global Discovery." The theme is meant to honor and derive value from our predecessors and their vast experience. As geologists, we can then use that heritage as a key to unlock new discoveries worldwide. It is the belief of the convention organizers that it is truly a case of the past being a key to our future!" Our History of Petroleum Geology Committee is of course central in "our heritage program" and has started to prepare an outstanding program.

### Gerald Friedman, Chair

Committee members: Gerald Manfred Friedman, chair, Daniel A. Busch, Michel Thomas Halbouty, Donald Clay Haney, Robert D. Hatcher, Jr., Oliver Thomas Hayward, Arthur M. Van Tyne, Mario Wannier, Larry D. Woodfork, and Donald Lowell Ziegler.

## Investments

*The function of the Committee on Investments is to oversee the investment funds of the Association and its Divisions. The Committee also reviews operations of the members' Retirement Program and provides comments and recommendations to AAPG's Executive Committee. The treasurer serves as an ex-officio member and no other member of the Executive Committee may serve on the Investments Committee.*

Market value of the total portfolio as of June 30, 2001 was \$12,146,928, not including accrued income. Of the total, the general fund's portion was \$11,544,659, DPA's was \$554,381 and DEG's was \$47,888.

**Table 1. Certificates in Force as of June 30, 2001\***

	2000	1999	1998
Term Life	7405	6838	7212
Major Medical	453	619	730
Comprehensive Healthcare	949	369	153
Medical Savings Acct	46	19	15
Excess Major Medical	544	597	633
Medicare Supp	223	206	207
In Hospital Rx	523	572	633
High Limit Accident	1630	1522	1572
Disability Income	1234	1276	1393
Cancer Expense	1577	1163	1194
Rutherford International	29	16	32
Geocare Discount Card	175	163	261
Dental	100	N/A	N/A
Twice Life	7	N/A	N/A
Universal Life	N/A	120	128

\*N/A = not available.

As of June 30, 2000, market value of the total portfolio was \$12,650,242. Of the total, the general fund's portion was \$12,119,832, DPA's was \$481,354, and DEG's was \$49,056. During the fiscal year net withdrawals of \$300,000 were made from the general fund account and transferred to the Association's operating account to offset Association expenses. At year-end (June 30) total portfolio assets had been reduced by \$503,314 or 3.9%, with the general fund's portion reduced by \$575,173, or 4.7%.

Portfolio assets are managed by four investment entities. No changes were made in allocation percentages during the year; however, a new fund manager was chosen for the mid-cap component. PIMCo oversees 40% in a fixed income fund (Total Return Fund); Independence Investment Associates manages 35% (Core Equity Fund); AMR Investment Services, Inc. has 15% (International Equity Fund), and Morgan Stanley has 10% (Mid-Cap Growth Equity Fund). The Committee employs Marquette Alliance, Inc. in Tulsa for counsel and advice on fund managers and the performance. Marquette works with the custodian, Bank of Oklahoma, NA, to rebalance the funds on a quarterly basis in accordance with the target asset allocation.

A new administrator, Milliman and Robertson, was selected to manage AAPG's member retirement program. Conversions of old plans to new should commence in the fall of 2001.

### James A. Gibbs, Chair

Committee members: John A. Brock, B. Fred Dyer, Jr., August Goldstein, Jr., James R. Howell, James S. McGay, Terry G. O'Hare, F. Pierce Pratt (vice chairman), Kenneth T. Simpson, Terry E. Hollrah (Executive Committee liaison).

## 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 first step in having a successful committee is to have good people on the committee. I'd like to thank all the current members who have served so effectively on the Membership Committee and to welcome new Sectional leaders Joan Bar-

minski and Valary Schulz as well as our new International Vice Chair John Karlos. Thanks also to the AAPG staff for their tireless efforts and support. I especially would like to thank Executive Director Rick Fritz who has identified membership as one of the society's key issues for the next year and who has worked tirelessly to bring everyone's focus to the topic.

Membership has been a key component of this past February's Leadership Days, a subject of an upcoming mini-summit of committee chairs and staff, the focus of numerous new staff initiatives, and a topic of discussion at every convention and gathering of leadership in AAPG's circle of influence. It's made a difference and it's appreciated.

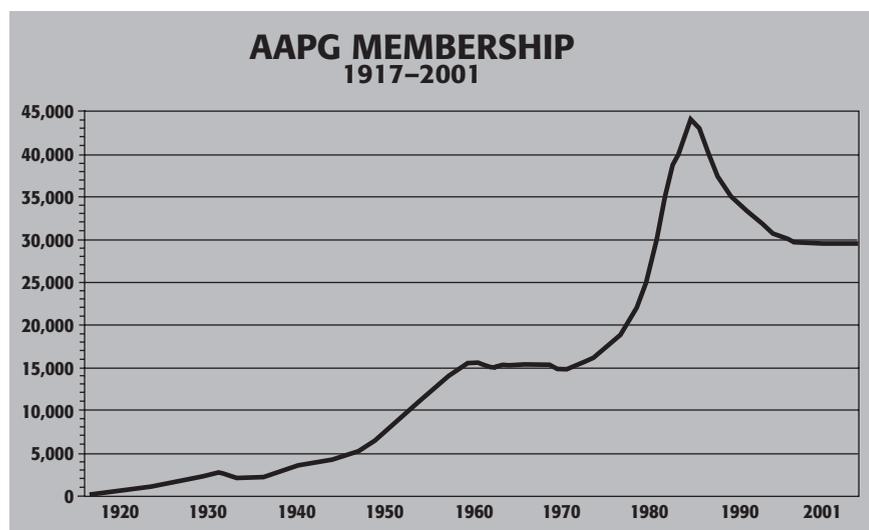
As shown in the nearby table and chart, membership numbers for the 2000–2001 year logged a slight increase of 56 members closing the year at 29,067 members. Although this is a positive achievement, it remains only the second year out of the past 16 that we've increased our membership as a society so we're not ready to set off the fireworks just yet.

In fact, the chart indicates that we may be settling into a plateau at about 30,000 members perhaps analogous to the plateau seen during the 1960–1970s period. That plateau ended with explosive membership growth stemming from an intense hiring boom in response to the rapidly increasing oil prices of the middle to late 1970s. Only time will tell if we can will see steady sustained growth from this point forward, continue on the plateau, or continue our slow decline in membership in the coming years.

There is an obvious relationship between the price of oil and our member-

**Table 1. Membership by Year**

Year	Members	Year	Members
1917	94	1960	15,420
1918	176	1961	15,566
1919	348	1962	15,043
1920	542	1963	14,931
1921	621	1964	15,202
1922	767	1965	15,126
1923	901	1966	15,346
1924	1,080	1967	15,205
1925	1,253	1968	15,163
1926	1,504	1969	15,189
1927	1,670	1970	14,794
1928	1,952	1971	14,860
1929	2,126	1972	15,332
1930	2,292	1973	15,654
1931	2,562	1974	16,148
1932	2,558	1975	17,083
1933	2,336	1976	18,026
1934	2,043	1977	18,787
1935	1,973	1978	20,106
1936	2,169	1979	22,144
1937	2,331	1980	25,414
1938	2,646	1981	29,259
1939	2,951	1982	34,449
1940	3,240	1983	38,733
1941	3,474	1984	41,034
1942	3,717	1985	42,577
1943	3,923	1986	42,232
1944	4,109	1987	39,824
1945	4,326	1988	37,183
1946	4,676	1989	35,564
1947	5,039	1990	34,038
1948	5,530	1991	33,115
1949	6,160	1992	32,448
1950	7,052	1993	31,619
1951	7,892	1994	31,030
1952	8,804	1995	30,433
1953	9,778	1996	29,947
1954	10,759	1997	29,904
1955	11,673	1998	29,971
1956	12,535	1999	29,852
1957	13,434	2000	29,013
1958	14,207	2001	29,067
1959	14,832		



ship numbers. High prices result in new hiring and new members joining the AAPG. Low oil prices result in layoffs, mergers, downsizing and a reduced influx of members to the AAPG.

Unfortunately, many downsized members also drop out of the AAPG, which exacerbates the decline in membership. It also disconnects these former members from our society and the network and benefits that would assist them during their unemployment or underemployment. Our committee and our society need to work harder to clarify those benefits and encourage these "at risk" members to retain their membership. We need to break the connection between membership and the price of oil by attracting members for life through new and improved benefits that are aimed at providing what they need to succeed.

Both good and bad trends are seen in the annual membership statistics. Several good indicators are that we have seen increases in our Associate (formerly Junior) membership (up 1.5%) and our Student memberships (up 2.2%) over the past year. Both are reflections of our efforts in previous years to recruit students at every opportunity. We need to continue this effort, as these student members are the future of AAPG and help offset the natural attrition due to the "graying" of our membership.

Another positive trend is the increase in international members. As of January 1, 2001, we had 8339 international members—or more than one quarter of our total membership.

As exploration and development becomes more difficult in the United States, the focus of petroleum exploration is in non-U.S. locations and, not surprisingly, this is where our members are increasingly focusing their efforts. As a result, the non-U.S. arena is one of our best opportunities for attracting new members to the AAPG. Over the past few years, more than one half of the new applications received for membership have come from international locations, and this trend is likely to continue into the future.

Negative statistical indicators are that our Active membership declined by 457 (2.3%) this past year, and the number of members dropped for non-payment (non-renewal) remains stubbornly high at 2003 (6.9%). The former number suggests that we are not advancing Associate (formerly Junior) members rapidly enough to offset the natural attrition and non-renewals we're seeing in the Active Member ranks.

We need to address simplifying this advancement process to make it less burdensome to the average member. The

non-renewals number, although a great improvement over last year's drops of 2399 (8.0%), is still way too high. Our efforts last year to reduce this number paid some dividends, but our committee and our society need to continue their focus on retaining these members. We need to better determine why they are dropping out and, if possible, identify cost-effective new services and benefits directed at their needs that would make their annual dues seem trivial in comparison to the benefits they receive.

So, these are the challenges facing our Membership Committee and the Association in general:

1. Our membership is graying; we need to increase the recruiting of student and younger members
2. We have excessively high non-renewal rates; we need to identify why and to address the needs of these members
3. We need to provide additional services and benefits that will allow us to retain our members during downturns and to disconnect our membership numbers from the price of oil
4. We need to continue to increase our success at attracting and retaining student members
5. We need to continue our success at attracting international members while also focusing on attracting and retaining U.S.-based geologists
6. We need to review and adjust our procedures for recruiting new members and advancing members from Associate to Active membership to remove any structural impediments that are working against those efforts

Many other challenges face us but these six should keep us fairly busy in the near future. I hope to report on some progress and successes next year. In the meantime, I invite you to visit our Web page on AAPG's Web site where we post our quarterly reports, our organization chart, and our list of members. We hope to add additional information in the future.

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

Committee members: Bob Countryman, chair, Jane McColloch, U.S. vice chair, John Karlo, International vice chair; Academia liaisons: Chris Heath and John Wickham; International Region leaders: Kunle Adesida (Africa), Eduardo Berendson (Latin America), Martin Cassidy (Europe), Chris Heath (Canada), Christian Heine (Middle East), and Peter Lloyd (Asia-Pacific); sectional leaders: Joan Barminski (Pacific), Martha Lou Broussard (Gulf Coast), Bob Cowdery (Mid-Continent), Jim Hanlon (Eastern),

Valary Schulz (Southwest), and Steve Sonnenberg (Rocky Mt.), Wayne Merrill Ahr, Donald Joe Benson, Dan A. Billman, Michael Carl Brannock, Amy Lee Burke, Wayne Francis Canis, Walter Coppinger, Rebecca Dodge, Brooks B. Ellwood, James E. Evans, Bruce A. Falkenstein, William L. Fisher, Patrick Thomas Gordon, Peter Gordon Gray, Michael Robert Gross, David Caven Harris, William Baxter Harrison, David T. King, Jr., Gary Lynn Kinsland, James Howard Knapp, Barry Kohl, Brian Edward Lock, Ronald L. Martino, David G. Morse, Russell Larell Nielson, David E. Pope, Anthony F. Randazzo, John A. Rupp, Ira Daniel Sasowsky, Robert Charles Shoup, Robert K. Smith, Richard A. Swindell, Matthew W. Totten, Peter Robbins Vail, and Sherwood Willing Wise, Jr.

## **Mentoring**

*The AAPG Mentoring program is designed to involve experienced senior AAPG geoscientists in providing advice, support, and encouragement to student, inexperienced, unemployed, and/or underemployed geologists.*

The Mentoring Committee continues to grow and is actively recruiting mentors and protégés. The committee has two operating subcommittees: recruiting and mentor-protégé pairing.

The recruiting of protégés has been successful but the pairing with mentors is going slowly. The Mentor Committee will be working with the AAPG sections for more efficient mentor-protégé pairing. The committee is also investigating cooperative programs with the Geological Society of America.

The one-on-one program will continue to be expanded but we will also introduce group mentoring and electronic mentoring in the coming year. In addition, a mentoring brochure will be prepared.

The current mentors received a green ribbon with "mentor" on it at the 2001 Convention in Denver, which should help recruit more mentors and also publicize the program.

#### **Stephen A. Sonnenberg, Chair Bob Shoup, Vice Chair**

Recruiting Subcommittee members: Steve Sonnenberg, Lee Avary, Marv Carlson, Ed Clifton, Will Green, Chris Heath, Sandra Mark, Jane McColloch, Ed Roy, and Charles Sternbach.

Pairing Subcommittee members: Bob Shoup, John Adamick, Bob Cowdery, Robbie Gries, Debra Sacrey, and Martha Lou Broussard.

## 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.*

As companies merge, focus their exploration and production activities in new regions, or go out of business, core and other subsurface data are sent to landfills. This material has future value for environmental studies, earthquake, and other hazard mitigation as well as petroleum exploration and production, and much of this material cannot be replaced. At the same time, public repositories are struggling with lack of space for incoming donations and tight finances.

The committee this year focused on the following:

1. Continuing to educate AAPG members of the importance of core and sample preservation,
2. Supporting a National Research Council study of options for long-term archival of these data, and
3. Supporting access to subsurface cores and data at public repositories.

### Information at AAPG Meetings

A table display highlighting the importance of core preservation to the work of geologists and providing a brochure on the location and Web sites of public repositories was set up at the AAPG section meetings. At the annual meeting in Denver, the exhibit was set up near the core/poster session on Rocky Mountain reservoirs. This effort is expected to continue and perhaps be expanded to providing information to affiliated societies. In addition, the Committee is seeking to organize core-poster sessions at the 2002 and 2003 annual meetings.

### National Research Council Study on the Preservation of Geoscience Data and Collections

The National Research Council Board on Earth Sciences and Resources held fact-finding meetings in Washington, D.C. in April 2001, and at the AAPG Denver meeting. An additional meeting is planned in Houston, and the committee report is expected in March 2002. AAPG and the AAPG Foundation each contributed \$5,000 to this study. Other organizations supporting the study include the American Geological Institute, Petro-technical Open Software Corporation (POSC), the Smithsonian Institution, the Geological Society of America, and the Paleontology Society.

### Policy Statement

In December 2000 the AAPG Executive Committee released a policy statement in support of the preservation of geological and geophysical data for the public good. This statement was based on a resolution developed by this Committee in 1998. The Core and Sample Preservation Committee plans to work for broad distribution of the policy statement to both government and industry decision makers.

### June 2001 Committee Meeting

The June 4, 2001 meeting included reports on the progress and plans of the National Research Council study on geoscience data and collections, the American Geological Institute (AGI), the National Geoscience Data Repository System, and the Kansas Geological Survey internet-based data system and considered future projects and activities. The group discussed ways to increase the amount of data and ease of use of the AGI online catalog of subsurface data, Geotrek. Increased public awareness and ensuring long-term financial stability of Geotrek were also considered.

Future actions that the Committee will pursue include working with AGI to update the Catalogue of Data Repositories; Explorer articles on "best practices" for core preservation; the NRC study and/or use of core in research; fact sheet on the costs and regulatory constraints on core disposal; presentation material on the benefits of public/state repositories; a fact sheet on the Cost of Core Disposal; and involving state regulatory agencies in the dialogue on geoscience data preservation.

### Edith C. Allison, Chair

Committee members: Marvin Carlson, John Edwards, William Gans, Steven Goolsby, John Horne, Robert Hulse, Rich-

ard Inden, Richard Larese, Richard Lane, Julie Ann Le Fever, Robert Lindblom, Robert Lindsay, Carol Martiniuk, Douglas Patchen, William Purves, James Schmoker, Stephen Sonnenberg, Bruce Swartz, Stephen Weeks, Ernest Mancini, Tim Carr, Kitty Miliken, and Bob Horton.

## 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.*

As you may imagine in this fast-paced, increasingly digital world, the Publications Committee is always a busy committee. A lot of what happens, however, does so behind the scenes. Husbanding proposals for new books and other special publications through the evaluation process is the primary activity of the Committee, which does not usually involve the whole of the Committee.

We are now at a juncture where the structure of AAPG's offerings needs some revision.

Starting July 1, Datapages is scheduled to join the Publications Department, and the issues of digital vs. hardcopy and Web vs. traditional are central to the next steps we take.

In addition to the digital form of AAPG's legacy publications, Datapages came home to AAPG with *Search & Discovery*, an online journal more or less in its infancy. We now have it up and running on the Web, with an editorial board, and are technically ready to receive nominations to reprint material and new, original submissions from the profession.

The nagging issues of peer review, how to handle and present material in terms of its scientific status, how to split material between the *Bulletin*, special publications, and *Search & Discovery*, and just plain old inertia to adopt a new media are issues we need to tackle in the next year.

New book releases are down a little this year from last: 6 for fiscal year 2000–2001 as opposed to 11 for 1999–2000, but we have a very impressive 33 projects approved and underway. This is a very healthy pipeline by standards of the last few years, and it points to a continued stream of good science in the new few years.

At least 8 projects and probably 10 will mature in 2001–2002. Of some concern is that the number of proposals we have in hand right now, that is projects that we

have yet to endorse or decline, is only 10. That is down from the last few years, but it is not time to panic by any means. A few notional projects have surfaced just since the Denver Annual Meeting.

Also of some concern, and we do not know quite how to interpret it, is the steady decline of sales over the last few years. Since 1995 total book sales have declined more or less steadily from almost 42,000 books per year to about 26,000 in 2000, with an attendant decline in income from sales.

We may be seeing a natural result of the nature of communication in the 1990s, but it almost may signify the fact that our selection of material has narrowed in scope. Much of our material is heavy science and in the \$40+ price range.

Since opening in March 2000, however, the online bookstore has seen almost a four-fold increase in orders, increasing from 9% of monthly sales to 33% in just one year (through April 2001). Almost one third of the online sales are to non-members, 21% to customers from 45 countries outside the U.S., during its first year in operation. This is truly a sign that a new marketing reality is in play.

Clearly, the Publications Committee must address some interdependent issues in the next couple of years. We probably need to expand the price range of offerings (with an emphasis on the lower end!) and to diversify the character of the selection.

Toward that second end, the first installments of the Compendium series should appear during 2001–2002 fiscal year. Remember, this is a series of short and sweet, to-the-point summations of disciplines for those outside the field. The intention is to produce these inexpensively so they can almost become a pick-up-and-read habit.

In addition, we will probably more rigorously resuscitate the distinctions between the different series of special publications: memoirs, methods, studies, and computer applications. Maybe we can link the price expansion to the different series.

Finally, this will be my final year as chairman of the Committee, and I look forward to working with a new editor. I have to thank Neil Hurley for his active interest in the book series and his leadership in maintaining it as a premier geoscience medium, and I welcome John Lorenz who I know has the same excellence in mind.

### **James W. Granath, Chair**

Committee members: James Wilton Granath, chair, Nadeem Ahmad, Paul An-

thony Catacosinos, John Malcolm Cubitt, Barbara L. Faulkner, Gretchen Marie Gillis, Carolyn Ann Green, Cassandra Hall, James W. Handschy, Stuart D. Harker, Neil Francis Hurley, Philip Elmer La Moreaux, Mark Walter Longman, Kenneth Ronald McClay, Thomas Henry Orsi, Douglas Cameron Peters, Girish Chander Saigal, John Wayne Shelton, Denise M. Stone, Michael L. Sweet, Anthony James Tankard, Stephen M. Testa, Victor Vignot Van Beuren, Frank E. Wilson, Kenneth M. Wolgemuth, and Jeffrey Marc Yarus.

## **Public Information**

*The function of the Committee on Public Information is to develop means of informing the public about geology in general and petroleum geology in particular, and to report successful projects to AAPG's affiliated societies.*

### **Summit on Committees Report and Recommendations**

Annual committee meeting: The Committee met on Monday, June 4, 2001 in the Matchless Room, Marriott City Center, Denver, Colorado. In attendance were Lee Allison, chairman; Larry Nation, AAPG liaison; Vicki Cowart; Rich Green; Elmo Brown; Tom Moore; Don Clarke; and Jamie White.

AAPG Communications Director Larry Nation gave some of the history of the Committee, what activities have worked or not, and described some of AAPG's related activities.

Key recommendations of the AAPG Summit on Committees for the Public Information Committee were reviewed.

Our audience was recognized as principally the public and decision-makers. News media can be an effective path to our audiences.

We agreed that the Committee needs to be expanded with a larger core of active members.

Coordination is critical with other AAPG groups and resources including DPA Government Affairs Committee, DPA Energy Facts Web page, and the AAPG Visiting Geologist Program.

Discussion on some of our goals led to these suggestions:

- Translate complex technical issues in materials for more general audiences
- Mobilize AAPG members to be more effective spokespeople
- Get information out to the public, including K–12 audiences (it was suggested that 13 year olds should be a prime target)

The discussion of suggestions by the AAPG Summit on Committees report included cooperation with AGI for Earth Science Week, a public information campaign similar to the highly successful "Got Milk?" effort (perhaps a "Got Energy?" approach), and development of packets of scientific information targeted to specific needs such as legislators, energy forums, and public meetings.

The committee developed a list of possible activities to pursue:

- Media training for members—providing talking points for members to use with the news media and public groups (fact sheets, frequently asked questions)
- Creation of an online PowerPoint slide bank for member use
- Letter writing campaigns to newspapers, magazines, newsletters, etc.
- Formation of "truth squads" for specific campaigns
- Speakers bureaus at the local level
- Referral service for the news media
- Radio actualities

The Committee decided to focus on two immediate efforts: recruiting more members and creating a catalog of online PowerPoint images to make it easier for AAPG members to make presentations on key issues.

Five topics were proposed for an initial PowerPoint slide catalog to be hosted on the AAPG Web site: (1) global climate change, (2) access to public lands, (3) general oil and gas industry operations and activities, (4) factors in the price of gasoline, and (5) natural gas marketing.

### **Activities**

The chairman undertook the preparation of a draft white paper on the Committee's goals and projects and will circulate it among the members for comment.

The chairman met with the DPA Government Affairs Committee to discuss coordination and collaboration. The Public Information Committee was asked to join in co-sponsoring an informational booth with GAC and the American Institute of Professional Geologists (AIPG), and the Association of American State Geologists (AASG) at the annual meeting of the National Conference of State Legislators (NCSL) in San Antonio in August.

### **Lee Allison, Chair**

Committee members: C. Elmo Brown II, Elizabeth B. Campen, Donald D. Clarke, Vicki Cowart, Denise M. Cox, Richard G. Green, Lowell K. Lischer, Thomas R. Moore, Larry Nation, Terrilyn M. Olsen, James V. White, and Lawrence H. Wickstrom.

## 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 three research groups (Reservoir Deformation, Unconventional Resources, and Geofluids).

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 "Carbonate Reservoir Characterization and Modeling for Enhanced Hydrocarbon Discovery and Recovery," held in El Paso, Texas, October 1–5, 2000 (joint conference with European Association of Geoscientists and Engineers (EAGE) and "Applied Reservoir Characterization Using Geostatistics," held in The Woodlands, Texas, December 3–6, 2000. The conference "Active Structures, Growth Sediments and Unconformities" scheduled for Barquisimeto, Venezuela was canceled.

Hedberg Conferences currently planned at the time of the preparation of this report are "Sequence Stratigraphic and Allostratigraphic Principles and Concepts" to be held in Dallas, Texas, August 26–29, 2001; "Near-Surface Hydrocarbon Migration: Mechanisms and Seepage Rates," to be held in Vancouver, Canada, September 16–19, 2001; "New Play Concepts and New Technologies Applied in Foreland and Rift Basins in Latin America," to be held in Mendoza, Argentina, November 5–9, 2001; "Deformation, Fluid Flow and Reservoir Appraisal in Foreland Fold and Thrust Belts," to be held in Sicily, Italy, May 14–18, 2002; "The Hydrocarbon Habitat of Volcanic Rifted Passive Margins," to be held in Stavanger, Norway, September, 8–11, 2002; and "Petroleum Systems of Saharan Paleozoic and Triassic Basins," to be held in Algiers, Algeria, February 24–26, 2003. The Committee concluded that 4–5 conferences per year were an ideal number of conferences.

The Hedberg Conference Subcommittee chair is Paul Catacosinos. He will prepare an article for the *Explorer* informing the membership of the purpose of the Hedberg Conferences and proposal requirements. Subcommittee members plan to use the Committee's Web site to expedite the Hedberg proposal review process. The Web site will also include a posting of the guidelines for Hedberg Conferences and Research Symposia. The Web site design and organization are under Steve Laubach, Committee vice chair. Options for publishing abstracts and proceedings were discussed.

At present there are no specific publication requirements, but conference organizers will continue to be reminded that publication remains an option. The Publications Committee should be informed of approved conferences. Conference organizers will be encouraged to post the abstracts from the conference at the conclusion of the conference.

The Research Committee chartered three research groups in 1997. The charters for two of the original groups, the Reservoir Deformation and Unconventional Resources Groups, were renewed in 2000. A new group on Geofluids was approved and was scheduled to meet for the first time at the Denver 2001 Annual Meeting. It was also suggested that the Research Committee should reinstate an annual symposium. An attempt will be made to organize such a symposium for the Houston meeting.

The Research Committee is also responsible for reporting on the results of the Academic Geoscience Survey. An attempt was made to conduct the survey in cooperation with the American Geological Institute. After a three-year test period, it was determined that this cooperative initiative was not working as well as expected and resulted in a break in the data collection and reporting. The Committee decided to return to its original concept (i.e., the survey would be the sole responsibility of the Research Committee). The survey will be conducted under the direction of Barry Katz, who agreed to chair the Academic Geoscience Survey Subcommittee.

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

Committee members: Michael Abrams, Robert C. Burruss, Angel Francisco Callejon, Paul A. Catacosinos (Hedberg Conference Subcommittee chair), Jean-Yves D. Chatellier, John B. Curtis, 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), Marcio R.

Mello, David Morse, Prasanta K. Mukhopadhyay, Charles R. Noll, Jr., Jeffrey A. Nunn, 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 is to provide input and facilitate U.S. Government agencies and other appropriate agencies in performing assessments and monitoring the status of U.S. and international hydrocarbon resources. The Committee may publish resource estimates only if they are fully documented with appropriate maps, statistics, and explanation of methodology*

The Committee on Resource Evaluation (CORE) continued the high level of activity begun in 2000 (three meetings conducted). In 2001 the committee met in Denver on June 2 and was scheduled to meet in November in Dallas.

In 2000, CORE collaborated with the Society of Petroleum Engineers (SPE) and the World Petroleum Congress to formulate and publish standard definitions for resources (available through the SPE). In 2001 this collaboration continued, leading to the publication of a nine-chapter supplemental volume to the reserves and resources definitions. This volume is also available through SPE.

The U.S. Geological Survey elected to do a reassessment of the resource potential of continuous-type reservoirs as an outgrowth of the 1995 National Petroleum Assessment. A CORE subcommittee reviewed the USGS methodologies and recommended that the Executive Committee of AAPG endorse the scientific techniques and methodologies used by the USGS. The Executive Committee accepted this recommendation in June 2001.

In March 2001, Naresh Kumar, vice chairman of CORE, testified in Washington, D.C. before the House Subcommittee on Energy and Mineral Resources. The title of Kumar's testimony was "Reserves and Resources, Supply and Demand: Why We Need Reliable Resource Assessments." In May, Ben Hare, chairman of CORE, testified before the same Subcommittee in New Orleans. The title of his testimony was "Outer Continental Shelf Oil and Gas Issues: A Need for a Balanced View."

In June, member Wolfgang Schollnberger represented the International Oil and Gas Producers in testimony before the

European Parliament on the security of European petroleum supply.

Other initiatives begun in 2001 are the (1) update of the CORE Web site, (2) preparation of a CORE position paper on U.S. and Canada Atlantic OCS resources, (3) evaluation of possible efforts to prepare a CORE "energy fact" card and other educational materials, and (4) formulation of standards for evaluating resource assessments.

### Ben D. Hare, Chair

Committee members: Ben D. Hare, chair, Thomas Stuart Ahlbrandt, John Blair Curtis, William L. Fisher, Robert D. Gunn, Naresh Kumar, Paul R. La Pointe, Charles John Mankin, Richard Dale Nehring, John M. Parker, William D. Pollard, Earl J. Ritchie, Jr., John Ernest Ritter, Wolfgang E. Schollnberger, and M. Ray Thomasson.

## Student Chapter

*The function of the Committee on Student Chapters is to oversee and administer the Student Chapter Program and to look for opportunities to enhance the ability for students in the Earth Sciences to join and participate in the AAPG.*

Student luncheons were held at the following section meetings in 2001: Pacific Section, Gulf Coast Section, and Eastern Section. The student luncheons are held as a student support event to encourage the networking process between students and industry.

- 2000–2001 book gift recipients: 10 chapters (\$500 each university)
- 2000–2001 L. Austin Weeks Undergraduate Grant recipients: 47 chapters (\$500 to selected student; \$500 to Geology Department)

The 2000 AAPG/SEG Student Expo was a success. This fully sponsored "job fair" registered 59 industry representatives from 14 companies. There were 140 student attendees from 50 universities. Fifty-three of the students gave poster presentations.

The University of Oklahoma and the Oklahoma Geological Survey were hosts for the first AAPG Spring Student Expo in Norman, Oklahoma over spring break. This event was successful and has been scheduled for a repeat in 2002.

Annual Meeting: Each student presenter at the convention received a \$25 gift certificate to cash in at the Bookstore or General Store (this is an on-going anonymous gift.) They also received a publica-

tion entitled *Subsurface Geology; Petroleum Mining Construction*, compiled by L. W. LeRoy and D. O. LeRoy, donated by the Kansas Geological Survey. The top three papers and posters were chosen for the Selected Academic Topics Sessions, a total of \$10,500 in cash awards provided by the Shell Foundation. Awards were presented at the student reception sponsored by ExxonMobil.

Chapters at the University of Oklahoma and Wichita State University were each awarded \$500 (Schlumberger sponsored) and plaques as 2001 Outstanding Student Chapters.

ExxonMobil and the AAPG Foundation sponsored a pre-convention fieldtrip.

### Henry Legarre, Chair

Committee members: Henry Anthony Legarre, chair, Edward Arthur Beaumont, Robert Travis Clarke, Robert D. Cowdery, Gloria D. Cummins, Richard Charles Hager, Cristy Harrison, James A. Hartman, William Edward Hottman, William Steeves Houston, Gregory Martin Larberg, Richard Alan Parker, Susan A. Waters, James V. White, and James Charles Woodson.

## Visiting Geologists Program

*The mission of the Visiting Geologists Program is to provide college and university students worldwide a balanced pic-*

*ture 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 26th year of the Visiting Geologist Program (VGP, formerly Visiting Petroleum Geologist or VPG) was one of substantial growth. Comparing 12-month periods ending June 30, total visits were up 27% over last year. As good as these gains are, the program is reaching only 6–8% of U.S. geoscience departments, whereas our nascent international effort with 15 visits is just now scratching that surface. Clearly, we have lots of room for improvement.

We now have about 100 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 in order to stay in the program excepting extenuating circumstances.

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

**Table 1. 2000–2001 VGP Visits (International)**

Visiting Geologist	University	Students	Faculty (as reported to AAPG)	Others
Caughey	University of Padjadjaran, Bandung, Indonesia			
Caughey	Institute of Technology, Bandung, Indonesia			
Caughey	Gajah Mada University, Yogyakarta, Indonesia			
Caughey	Veteran, Yogyakarta, Indonesia			
Caughey	University of Trisakti, Indonesia			
Lloyd	Yogyakarta, UGM/UPN/STTNAS/AKPRIND, Indonesia			
Lloyd	Bandung, ITB & UNPAD, Indonesia			
Guzman	University of Nuevo Leon, Mexico			
Heath	University of Manitoba, Canada	252	35	15
Guzman	CICESE – Baja California Norte, Mexico	60	35	25
Darman	University of Brunei, Darussalam, Brunei			
Wharton	University of West Indies, Trinidad, West Indies			
Carr	Vilnius University, Lithuania	47	15	15
Hasany	University of the Punjab, Pakistan			
Darman	Institute of Technology, Bandung, Indonesia			
<b>TOTAL</b>	<b>15 visits (all requests filled)</b>	<b>359</b>	<b>85</b>	<b>55</b>

thereby 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 ex-

penses (generally, visited schools provide only local lodging, food, and transportation). Occasionally, speakers visit school functions or geological groupings off campus. Please see Tables 1 and 2 of speakers and schools visited since July 1, 2000.

All active VGPers are appreciated, but special recognition is due David K. Larue who visited five schools in California and Charles A. Caughey who visited five schools in Indonesia.

VGP is very well served by the AAPG staff, which acts as 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. She is counseled by long-time staffer and geologist, Bob Millspaugh, and I am assisted (and counseled) by vice chair Bob Cowdery, former president of AAPG and long-time VGPPer. In the coming year, Rich Green will also serve as a vice chair, and new Committee members will bring strength and breadth to our expanded effort. On a sad note, the VGP lost its long-term member and frequent "visitor," Charles F. Dodge. We will miss Charlie!

Please note in Table 3 that for the first time in VPG/VGP history (to the

**Table 2. 2000–2001 VGP Visits (United States)**

Visiting Geologist	University	Students	Faculty (as reported to AAPG)	Others
Wyatt	Central Savannah River Area			
Sonnenberg	Colorado School of Mines			
Dawson	Stephen F. Austin State University	175	17	0
Larue	San Jose State (2 visits)			
Pindell	Rice University (2 visits)			
Gratton	University of Wisconsin – Platteville	50	6	1
Thacker	Stanford University			
Armentrout	Washington State University			
Barnard	University of Miami – Coral Gables			
Wyatt	University of South Carolina			
Hare	University of Oklahoma			
Thacker	University of Oklahoma			
Cowdery	Idaho State University			
Lowrie	Texas Christian (2 visits)			
Barnard	University of Arkansas			
Party	Colorado State University			
Larue	California State University			
Fairchild	Whitman College			
Fairchild	Eastern Washington University			
Kuecher	University of Oklahoma			
Larue	University of California – Santa Cruz			
Gries	University of Oklahoma	45	65	0
Landon	University of Missouri – Kansas City	45	20	6
Wyatt	University of Tennessee – Knoxville			
Green	Colorado School of Mines	16	0	3
Bedford	University of Louisiana – Lafayette	55	13	15
Larue	San Francisco State University	14	8	2
Peters	Colorado State University	27	9	2
Meyer	Colorado State University	25	3	2
Higley	Colorado School of Mines	50	2	0
Gries	Wichita State University	27	11	0
Green	Kansas State University			
Gutierrez	Colorado State University			
Downey	Michigan Technological University	55	30	10
Weinberg	Washington State University			
Gries	University of Texas – Austin	29	4	0
Weinberg	University of Idaho	3	9	3
Gerhard	University of Oklahoma	125	20	10
Downey	Baylor University	30	10	70
Herron	Northern Illinois University	37	13	0
Herron	Michigan Technological University	50	40	10
Gerhard	University of Wisconsin – Platteville	174	11	4
Thomasson	Colorado School of Mines	20	4	2
Cowdery	Fort Hays State University	14	5	4
Peters	University of Colorado	10	1	0
Tearpock	University of Oklahoma	45	12	2
Tearpock	Oklahoma State University	31	8	10
Larue	Stanford University			
Almon	Texas Tech University			
Dawson	Texas Tech University			
Patchen	Binghamton University	8	10	60
<b>TOTAL</b>	<b>54 visits (all requests filled)</b>	<b>1160</b>	<b>331</b>	<b>216</b>

**Table 3. VGP Economic Analysis**

28 visits reported	
students/faculty/others	
78.70 contacts/visit =	2206
41 visits with no report	
× 78.79 average	
students/faculty/others =	3230
Total estimated	
students/faculty/others	
participated in program =	5436

**Annual Operating Expenses (\$)**

Employee cost, salaries	15,574.00
Employee cost, payroll taxes	1,250.00
Employee cost, pension	706.00
Employee cost, life insurance	316.00
Employee cost, health insurance	3,074.00
Employee cost, thrift savings	190.00
Employee cost, vision care	80.00
Overhead	21,188.00
Office supplies and maint.	9.00
Outside mailing cost	32.00
Printing	2,158.00
Postage, shipping, transf.	822.00
Meals, entertainment	313.00
Travel (staff)	1,102.00
Display	486.00
Furniture/equipment/signs	384.00
Contract personnel	4,081.00
Photography	894.00
Miscellaneous expense	60.00
<b>TOTAL</b>	<b>52,719.00</b>

**AAPG Costs per "Contact"**

Student/faculty/other	
(AA ÷ 5436)	\$ 9.70/person
*VGP member	
estimated costs	
(\$500/visit x 69 ÷ 5436)	6.35/person
University	
estimated costs	
(\$200/visit x 69 ÷ 5436)	2.54/person
<b>Total</b>	<b>\$18.59/person</b>

\*Excludes estimate of value of VGPers' time, which might approximate out-of-pocket costs. (Note: employer sometimes pays both.)

best of my knowledge) we have tried to calculate "total" costs of our program. Our projection is that the VGP reached 5436 people (more than twice last year's count) at an average cost of \$18.59/person contacted. AAPG's portion was approximately \$9.70/person.

**Patrick J. F. Gratton, Chair**

Committee members: Charles Dodge, Walter Anderson, Robert Cowdery, Pat Gratton, John Everett, Harry Meyer, Susan Landon, Alan Ver Ploeg, Stephen Gautie, William Precht, Gretchen Hoffman, Douglas Wyatt, Carl Smith, and Rodney DeBruin.

2000–2001 VGP speakers: Sunit K. Addy, William R. Almon, John M. Armentrout, J. Janine Barnard, Charles S. Bartlett, James L. Bedford, George Bole, Lyle G. Bruce, Tim R. Carr, Gustavo Castano, Chuck Caughey, Gary P. Citron, Robert D. Cowdery, Herman Darman, William C. Dawson, Rebecca L. Dodge, Marlan W. Downey, Fred Duffy, Lee D. Entsminger, Lee Fairchild, Samuel A. Friedman, John Gabelman, Phil Gardner, Lee C. Gerhard, James A. Gibbs, Richard I. Gibson, G. Michael Grammer, Patrick J. F. Gratton, Richard G. Green, Willard R. "Will" Green, Andree French Griffin, Alberto A. Gutiérrez, Alfredo E. Guzman, Joseph L. Haberfeld, Jean L. Hamilton, Ben Hare, Jeanne E. Harris, Tariq Hasany, Chris P. M. Heath, Edward W. Heath, Donald A. Herron, Debra Higley, John R. Hogg, Terry L. Hollrah, Peter J. Hutchinson, Barry Katz, Brian D. Keith, Gerald J. Kuecher, Naresh Kumar, Susan M. Landon, David K. Larue, Stephen E. Laubach, William J. Lemay, Louis Liro, Peter Lloyd, Allen Lowrie, Bill Maloney, Mantez McDonald, Evelyn A. Medvin, Javier D. Meneses-Rocha, Harry J. "Jack" Meyer, Marcus E. Milling, Dwight "Clint" Moore, Diana Morton-Thompson, Jay C. Nania, H. Roice Nelson, Jr., James A. Noel, Robert Olson, Donald F. Oltz, Mark D. Orgren, J. Michael Party, Eric S. Pasterneck, Douglas G. Patchen, Joanne Perry, Douglas C. Peters, Rima Petrossian, James Pindell, W. C. "Rusty" Riese, Bonnie B. Robinson, Robert W. Sabaté, Valary L. Schulz, Jesse A. Shell, Carl J. Smith, Dan L. Smith, Steven A. Sonnenberg, Paul Stephen Stoutamire, Deborah T. Sycamore, Daniel J. Tearpock, Michael M. Thacker, M. Ray Thomasson, Kenneth D. Vogel, Glen C. Ware, Edward M. Warner, Jeffrey Warren, David M. Weinberg, Nick Wemyss, Stanley Wharton, Larry Wickstrom, Edith Newton-Wilson, Fabian Wirnkar, Larry D. Woodfork, James C. Woodson, Douglas E. Wyatt, and Cindy A. Yielding.

## Youth Educational Activities

*The Youth Educational Activities (YEA) Committee (formerly called the Youth Activities Committee) serves the membership in the coordination on a national level of the many K–12 programs of individual AAPG members, affiliated societies, and sections. It originates and manages programs on the national and international level such as the Earth Science Teacher of the Year Award and Teachers Days at the national and sectional meetings. It assists and coordinates earth science and energy activities and programs of national youth organizations such as the Boy Scouts, Girl Scouts, and 4-H. It serves as a liaison to other earth science organizations in joint activities relating to earth science and energy on a national and international level.*

The Youth Activities Committee's overall mission is to provide a central organization to help the AAPG membership provide an appreciation of the geoscience profession and its professionals to K-12 student and teachers (mission statement as approved by the AAPG Executive Committee, July 1999).

Highlights during 2000–2001 include

1. Renaming of the committee from Youth Activities Committee (YAC) to Youth Educational Activities (YEA) Committee.
2. Selecting the Teacher of the Year; Don Lewis and Fred Dix are in charge of the TOTY program; John McKinney of Castle Rock Middle School (Colorado) was the 2001 awardee.
3. Recommending additional awards for the Teacher of the Year Award because of the high quality of finalists; AGI and AAPG agreed to provide these additional awards.
4. The appointment of Tamara Haring to the AAPG staff with a portion of her time for professional and administrative assistance for K-12 programs and the YEA committee.
5. Planning of programs for teachers' participation at the 2002 Houston convention by Marsha Bourque and Martha Lou Broussard. Lou Taylor prepared a great Teachers' Day program for the 2001 Denver convention; unfortunately, the program was cancelled due to lack of response from teachers.
6. Conducting four days of field trips in the Denver foothills for teachers, delegates, and guests (YEA members

Lou Taylor, Laura Wray, and Norb Cygan, with the assistance of AAPG members Duff Kerr, Elizabeth Rall, T. Caneer, and Bob Reynolds).

7. Continuing support of the Rocks in Your Head program conducted by Patty Holyfield at future national and sectional conventions.
8. Requesting publicity for financial and volunteer support for the 2001 Boy Scout Jamboree and other Boy Scout programs under the leadership of Ron Hart and Jim Adams.
9. Appointing Katharine Lee Avary as subcommittee chair for AAPG assistance to Girl Scout programs.
10. Participating in regional National Science Teacher Association meetings as speakers or field trip leaders; Bill Stelzer provided career materials and organized a field trip for teachers at the Michigan regional science teachers meeting; Jerry Walker staffed a booth and provided AAPG highway geological maps for the Nevada NSTA meeting.

Norb Cygan presented various programs for approximately 150 teachers at formal and informal classes. Energy resource concepts are presented at these classes along with regional and general geology. He recommends that AAPG donate regional geological highway maps to members that are teaching the teachers in these classes.

11. Participation in meetings with related societies such as AGI, SEG, AGU, GSA, etc., for conducting programs and material preparation relating to outreach for teachers and youth.
12. Review of curriculum materials by Karla Tucker and Norb Cygan. Comments were sent to AGI. Norb coordinated a more detailed review with local teachers of the energy resources module and reported comments to AGI.
13. Review by committee members of proposals for grants for K-12 programs from the AAPG Foundation.
14. Attendance in May by Norb Cygan at an AGI associates conference on field camps. Although most discussion centered on earth science majors at the university level, mention was made of K–12 teachers and high school students enrolled in special programs at field camps. The teachers' programs reported mixed results ranging from mediocre to very good evaluations. The high school students' programs did not fare as well. These programs for various reasons have been discontinued or are winding down.

15. Holding a 2001 YEA committee meeting at the AAPG Annual Meeting in Denver on June 11, 2001. Approximately one-half of the Committee members, including section representatives, submitted oral or written reports on YEA activities in their areas of responsibility. These professionals and their AAPG member associates admirably represented AAPG in fulfillment of the Committee mission and long-range charge noted above. They interacted with a few thousand teachers and many thousand young people in schools and various other organizations throughout the United States and other countries. They did, and are, conducting many projects and programs benefiting our science, our

profession, and the AAPG. They do this work as consummate volunteers with no compensation for their time, personal expenses, and materials. Their reward is their contribution to the understanding of our profession and our science. They do enjoy the letters of thanks, many in crayon with pictures from the kids.

Thanks to all of the volunteers on our Committee from your chairman. For the past two and one-half years I have had the privilege of interacting with some great people. Best wishes to incoming chairman Paul Henshaw, who will be working with many continuing Committee members.

**Norbert E. Cygan, Chair**

Committee members: Paul C. Henshaw, Jr., vice chairman; Jim W. Adams; Samuel S. Adams; Katherine Lee Avary; Marsha Findlay Bourque; Martha Lou Broussard; Patrick J. Burns; Elizabeth B. Campen; Robert D. Cowdery; Alan L. DeGood; Fred A. Dix; Rick Erickson; Wayne Gordon; Walther Gruen; Gary M. Hanson; Stuart Hanson; Ronald Hart; Patty Holyfield; Donald W. Lewis; Al Melillo; Tom Repine; Carl J. Smith; William T. Stelzer; Louis H. Taylor; Terry Thompson; Karla Tucker; Jerry Walker; Laura L. Wray; and Ron Nelson, AAPG vice president and Executive Committee liaison.

## Reports of the Special Committees and Delegations

### **AGI Member Council**

*The mission of the AAPG's representative to the AGI Member Council is tri-fold: to inform the Member Council at the two meetings each year of the AAPG's activities during the year, to attend the two meetings and record items of interest to the AAPG, and to report to the AAPG president, president-elect, and executive director.*

Reports of the AAPG's activities were submitted prior to the two meetings to be inserted in the Report of the AGI to

the Member Council. This material was supplied by AAPG staff and detailed the activities of the major departments of the AAPG.

The AAPG representative attended the two meetings: one in Reno in November 2000 (during the GSA Annual Meeting) and one in Denver, June 2001 (during the AAPG Annual Meeting).

At these meetings notes were taken and were furnished to the president, president-elect, and executive director. Highlights were the inclusion of two new member societies (Environmental and Engineering Geophysicists Society and

Society of Professional Well Log Analysts), information on the transition in Washington and its effect on geoscience societies, new educational programs for K-12 of the AGI, and discussions of steps being taken to increase the university enrollment of earth science majors.

The next meeting of the Member Council will be held in Boston, November 2001. The term of the AAPG's current representative will terminate on January 1, 2002 following this meeting.

**Robert D. Cowdery**

## Sidney Powers Memorial Award

*The Sidney Powers Memorial Award is a gold medal given in recognition of distinguished and outstanding contributions to, or achievements in, petroleum geology.*

1945 – Wallace E. Pratt  
 1947 – Alexander Deussen  
 1948 – A. I. Levorsen  
 1950 – Everette L. DeGolyer  
 1951 – Max Steineke  
 1952 – K. C. Heald  
 1953 – Frederic H. Lahee  
 1954 – George Martin Lees  
 1956 – William Embry Wrather  
 1957 – J. P. D. Hull  
 1958 – Paul Weaver  
 1959 – Raymond C. Moore  
 1960 – Henry V. Howe  
 1961 – Clarence L. Moody  
 1962 – Lewis G. Weeks  
 1963 – Hollis D. Hedberg  
 1964 – Edgar W. Owen  
 1965 – Victor Elvert Monnett  
 1966 – William B. Heroy, Sr.  
 1967 – Carey Croneis  
 1968 – Maurice Ewing  
 1969 – Ira H. Cram, Sr.  
 1970 – Frank R. Clark  
 1971 – Frank A. Morgan  
 1972 – Morgan J. Davis, Sr.  
 1973 – Gordon I. Atwater  
 1974 – G. Moses Knebel  
 1975 – Dean A. McGee  
 1976 – W. Dow Hamm  
 1977 – Michel T. Halbouty  
 1978 – Kenneth H. Crandall  
 1979 – William Hirst Curry, Jr.  
 1980 – Kenneth K. Landes  
 1981 – Mason L. Hill  
 1982 – Daniel A. Busch  
 1983 – Grover E. Murray  
 1984 – Robert J. Weimer  
 1985 – J. Ben Carsey  
 1986 – Merrill W. Haas  
 1987 – James E. Wilson  
 1988 – Rufus J. LeBlanc, Sr.  
 1989 – Hugh Neumann Frenzel  
 1990 – John T. Galey  
 1991 – John E. Kilkenny  
 1992 – Sherman A. Wengerd  
 1993 – Robert R. Berg  
 1994 – William L. Fisher  
 1995 – John D. Haun  
 1996 – Bernold M. Hanson  
 1997 – Robert D. Gunn  
 1998 – Albert W. Bally  
 1999 – Norman H. Foster  
 2000 – Gerald M. Friedman  
 2001 – Robert M. Sneider

## 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.*

### \*2001 Recipients

John J. Amoruso, 1987  
 Andrew D. Baillie, 1990  
 Albert W. Bally, 1986  
 Thomas D. Barber, 1997  
 Ted L. Bear, 1988  
 Allan Parnell Bennison, 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  
 Robert D. Cowdery, 1987  
 Brenda K. Cunningham, 2001\*  
 William H. Curry, Jr., 1973  
 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  
 August Goldstein, Jr., 1981  
 Howard R. Gould, 1979  
 Cecil H. Green, 1993  
 Willard R. Green, 1998  
 Robbie Rice Gries, 1998  
 George C. Grow, Jr., 1988  
 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  
 Hugh Douglas Klemme, 1991  
 Susan M. Landon, 2000  
 Rufus J. LeBlanc, 1981  
 James O. Lewis, 1986  
 Ray C. Lewis, 1993  
 Robert G. Lindblom, 1999  
 John P. Lockridge, 1987  
 John David Love, 1995  
 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  
 William R. Muehlberger, 1995  
 D. Keith Murray, 1988  
 Grover E. Murray, 1970  
 Arne R. Nielsen, 1992  
 John M. Parker, 1987  
 James A. Peterson, 1996  
 Thomas Hughes Philpott, 1993  
 M. Dane Picard, 1994  
 George B. Pichel, 1991  
 Max G. Pitcher, 1994  
 Lewis S. (Stan) Pittman, 2001\*  
 Eugene F. "Bud" Reid, 1991  
 David G. Roberts, 2001\*  
 Edward C. Roy, Jr., 1993  
 Nahum Schneidermann, 1994  
 John W. Shelton, 1990  
 Carl J. Smith, 2001\*  
 Robert M. Sneider, 1994  
 Bill St. John, 1988  
 Donald Sherwood Stone, 1994  
 Paul M. Strunk, 1999  
 John A. Taylor, 1982  
 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  
 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  
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. Galey, 1980  
John E. Galley, 1983  
G. C. Gester, 1949  
H. B. Goodrich, 1929  
C. N. Gould, 1943  
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. Hilsseweck, 1969  
Harold W. Hoots, 1974  
Henry V. Howe, 1967  
J. V. Howell, 1956  
M. King Hubbert, 1974  
J. P. D. Hull, 1951  
George S. Hume, 1954  
V. C. Illing, 1960  
H. R. Johnson, 1953  
Percy E. (Peter) Kent, 1976  
John E. Kilkenny, 1972  
Robert E. King, 1970  
Robert M. Kleinpell, 1973  
G. Moses Knebel, 1965  
Samuel H. Knight, 1959  
Edward Koester, 1971  
Frank E. Kottowski, 1985  
Hans G. Kugler, 1968  
F. H. Lahee, 1947  
Kenneth K. Landes, 1962  
A. C. Lawson, 1937  
M. M. Leighton, 1950  
A. I. Levorsen, 1957  
Theodore A. Link, 1962  
E. R. Lloyd, 1950  
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  
Jerry Bowers Newby, 1967  
Gordon B. Oakeshott, 1981  
W. W. Orcutt, 1926  
Ezequiel Ordonez, 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

## Distinguished Educator Award

*The 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

## 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)

## 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

## 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

## Distinguished Service Award

*The Distinguished Service Award is a walnut plaque that is presented annually*

*to those who have distinguished themselves in service to AAPG.*

- 1971 – August Goldstein, Jr.  
1972 – Howard R. Gould  
1973 – John D. Haun  
    Leslie Bowling  
1974 – John T. Galey  
1975 – Jules Braunstein  
    Robert J. Weimer  
1976 – James R. Jackson, Jr.  
1977 – George V. Cohee  
    Samuel P. Ellison, Jr.  
1978 – Robert H. Dott, Sr.  
    Frank Gouin  
1979 – George Copernicus Grow, Jr.  
    Thomas C. Hiestand  
    John C. Maher  
1980 – John E. Galley  
    John W. Shelton  
1981 – Bernold M. Hanson  
    Frank E. Kottlowski  
    Ralph L. Miller  
    Marion Orville Turner  
1982 – Donald W. Axford  
    Garth W. Caylor  
    William L. Fisher  
    Herbert G. Davis  
    Robert L. Fuchs  
    Robert J. Gutru  
    Richard F. Meyer  
1983 – Don R. Boyd  
    Fred A. Dix, Jr.  
    James O. Lewis  
    D. Keith Murray  
    George B. Pichel  
    Donald L. Ziegler  
1984 – Dudley Harold Cardwell  
    Robert H. Dott, Jr.  
    John P. Lockridge  
    Eric A. Rudd  
    Grant Steele  
1985 – Thomas D. Barber  
    Norman H. Foster  
    George S. Galbraith  
    James A. Hartman  
    James S. MacDonald  
    William R. Moran  
    Anthony Reso  
1986 – Allan P. Bennison  
    Louis C. Bortz  
    Charles F. Dodge, III  
    Myron K. Horn  
    Roscoe E. Shutt  
1987 – A. T. (Toby) Carleton  
    James A. Gibbs  
    John W. Harbaugh  
    Daniel F. Merriam  
    Bill St. John  
    Larry D. Woodfork  
1988 – James M. Forgotson, Jr.  
    Gerald Manfred Friedman  
    Robert R. Johnston  
    Robert R. Jordan  
    John R. Kerns  
    Jack P. Martin  
    John A. Masters  
1989 – George R. Bole  
    Martha Lou Broussard  
    Clemont H. Bruce  
    David G. Campbell  
    Lee C. Gerhard  
    Scott J. Lysinger  
    William H. Matthews, III  
1990 – James A. Helwig  
    Michael E. (Mike) Hriskevich  
    Lewis S. (Stan) Pittman  
    William H. Roberts, III  
    Edward C. Roy, Jr.  
    Nahum Schneidermann  
    Richard Steinmetz  
1991 – Dudley W. Bolyard  
    Robbie Rice Gries  
    George C. Hardin, Jr.  
    Jerome J. C. Ingels  
    Edward D. Pittman  
    Robert M. Sneider  
    Don F. Tobin  
1992 – Edward A. Beaumont  
    Steven H. Harris  
    Christopher P. M. Heath  
    Robert G. Lindblom  
    James A. Peterson  
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

## Wallace E. Pratt 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. Hobday  
    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

## 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. Wengert  
 1950 – F. M. Swain  
 Frank Reedy, Jr.  
 1951 – Walter B. Spangler  
 Jahn J. Peterson  
 1952 – Raymond Siever  
 1953 – Donald F. Towse  
 1954 – Charles C. Bates  
 1955 – Paul V. Smith, Jr.  
 1956 – J. Law  
 Robert H. Dott, Jr.  
 1957 – Robert H. Parker  
 1958 – John C. Ludwick  
 William R. Walton  
 1959 – John M. Andrichuk  
 1960 – Robert L. Folk  
 1961 – Richard W. Fetzner  
 1962 – J. G. C. M. Fuller  
 1963 – P. G. Temple  
 L. J. Perry  
 1964 – James M. Forgotson, Jr.  
 1965 – Harry V. Spooner, Jr.  
 1966 – Dietrich H. Welte  
 1967 – No Recipient  
 1968 – Ghansham D. Sharma  
 1969 – Leo F. LaPorte  
 1970 – Ernst Cloos  
 1971 – Peter Lehner  
 1972 – Hollis D. Hedberg  
 1973 – Mason L. Hill  
 1974 – Rufus J. LeBlanc  
 1975 – Ronald E. Wilcox  
 Tod P. Harding  
 Donald R. "Don" Seely

1976 – Daniel A. Busch  
 1977 – Edgar W. Owen  
 1978 – Tod P. Harding  
 1979 – Robert M. Mitchum, Jr.  
 Peter R. Vail  
 John B. Sangree  
 1980 – *Bulletin*  
 Brian D. Evamy  
 Jean Haremboure  
 Peter Kamerling  
 William A. Knapp  
 Felix A. Molloy  
 Paul H. Rowlands  
*Special Publication*  
 Peter A. Scholle  
 1981 – *Bulletin*  
 Michael A. Arthur  
 Seymour O. Schlanger  
*Special Publication*  
 Peter A. Scholle  
 1982 – *Special Publication*  
 Robert J. Cordell  
 William H. Roberts, III  
 1983 – Michel T. Halbouty  
 1984 – George B. Asquith  
 1985 – Albert W. Bally  
 1986 – Gerard Demaison  
 Roelof J. Murriss  
 1987 – Orville Roger Berg  
 Donald G. Woolverton  
 1988 – James A. Peterson  
 1989 – Albert W. Bally  
 1990 – Peter A. Ziegler  
 1991 – Anthony J. Tankard  
 Hugh R. Balkwill  
 1992 – John C. Van Wagoner  
 Robert M. Mitchum, Jr.  
 Kirt M. Champion  
 Victor David Rahmanian  
 1993 – Kevin Thomas Biddle  
 1994 – Roger W. Macqueen  
 Dale A. Leckie  
 1995 – Diana Morton-Thompson  
 Arnold M. Woods  
 1996 – Leslie B. Magoon  
 Wallace G. Dow  
 1997 – Anthony Tankard  
 Ramiro Suárez Soruco  
 Herman J. A. Welsink  
 1998 – Martin P. A. Jackson  
 David G. Roberts  
 Sigmund Snelson  
 1999 – Ronald C. Surdam  
 2000 – Ben E. Law  
 Gregory F. Ulmishak  
 Vyacheslav I. Slavin  
 2001 – John F. Jordan  
 Richard A. Schatzinger

## 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

## 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 – Clemont H. Bruce  
 1984 – Thomas J. Schull  
 1985 – Ralph S. Kerr  
 1986 – Lisa M. Pratt  
 1987 – James Francis Dolan  
 1988 – Jon F. Blickwede, Sr.  
 1989 – Ian E. Hutcheon  
 1990 – Martin P. A. Jackson  
 1991 – Michael D. Lewan  
 1992 – John Richard Underhill  
 1993 – P. Joe Hamilton  
 1994 – Steven G. Henry  
 1995 – Kenneth J. Thies  
 1996 – James P. DiSiena  
 1997 – Mark B. Allen  
 1998 – Joachim E. Amthor  
 1999 – Martha Oliver Withjack  
 2000 – Wafik Beydoun

## 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

## 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

## 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. Nowaczewski**  
 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**

#### Gulf Coast Section

1966 – **B. J. Sloane, Jr.**  
 1967 – **Hunter Yarborough, Jr.**  
 1968 – **John D. Myers**  
 1969 – **James K. Rogers**  
 1970 – **John J. Amoruso**  
 1971 – **Hunter Yarborough, Jr.**  
 1972 – **Robert R. Berg**  
 1973 – **James M. Coleman**  
 L. D. Wright  
 1974 – **Donald H. Kupfer**  
 1975 – **John D. Myers**  
 1976 – **Arthur R. Troell**  
 J. D. Robinson  
 1977 – **David K. Davies**  
 William R. Almon  
 1978 – **Charles T. Siemers**  
 1979 – **Robert R. Berg**  
 1980 – **Ernest A. Mancini**  
 1981 – **Edward C. Roy, Jr.**  
 Mark Eidelbach  
 Nancy Trumbly  
 1982 – **Thomas E. Ewing**  
 S. Christopher Caran  
 1983 – **John W. Cagle**  
 M. Ali Khan  
 1984 – **Gary L. Kinsland**  
 1985 – **William E. Galloway**  
 1986 – **Shirley P. Dutton**  
 1987 – **Shirley P. Dutton**  
 Robert J. Finley  
 Karen L. Herrington  
 1988 – **Ian Lerche**  
 John J. O'Brien

1989 – **Peter J. Hutchinson**  
 1990 – **Michael P. Prescott**  
 1991 – **Andrew J. Davidoff**  
 1992 – **Harry H. Roberts**  
 Douglas J. Cook  
 Mark K. Sheedlo  
 1993 – **Wayne Carew**  
 Glenn L. Krum  
 Paul F. Ostendorf  
 1994 – **John A. Rhodes**  
 1995 – **Mary J. Broussard**  
 Brian E. Lock  
 1996 – **David J. Hall**  
 1997 – **Brad A. Robison**  
 Roco Detomo, Jr.  
 R. David Garner  
 Arie Speksnijder  
 Michael J. Styzen  
 1998 – **Thomas E. Ewing**  
 1999 – **William C. Dawson**  
 William R. Almon  
 2000 – **Fuping Zhu**  
 Richard L. Gibson, Jr.  
 Joel S. Watkins  
 Sung H. Yuh

#### 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**

#### 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. Ponck**  
 A. G. Mathews  
 1999 – **Brian J. Casey**  
 2000 – **Dalton F. Lockman**  
 Philip Cerveny  
 Dana Coffield  
 Russell Davies  
 Graham Dudley  
 Richard Fox  
 Rop Knipe  
 Robert Krantz  
 Stephen Lewis

#### 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

#### Southwest Section

- 1968 – **Donald C. Swanson**  
 1969 – **Karl W. Klement**  
 1970 – **Edward R. Tegland**  
 1971 – **Daniel A. Busch**  
 1972 – **Orville L. Bandy**  
 1973 – **John J. Amoroso**  
 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

## 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  
 Anibal R. Martinez  
 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 defined.*

- 1992 – Phillip E. Playford  
 1993 – Mateu Esteban  
 Lucien Montadert  
 Wolfgang Schlager

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

## Ziad Beydoun Memorial Award

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

- 1991 – A. Ewan Campbell  
 Jan 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

## 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

## 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 Sec-

tions, 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

## 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. Matsou*	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 Cronis*
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*

\*Deceased

Term	President	Vice President	Secretary-Treasurer	Editor
1954-55	Edward A. Koester*	Graham B. Moody*	Elliott H. Powers	Armand J. Eardley
1955-56	G. Moses Knebel*	Horace D. Thomas*	W. A. Waldschmidt	William C. Krumbein*
1956-57	Theodore A. Link*	Ben H. Parker*	W. A. Waldschmidt	William C. Krumbein
1957-58	Graham B. Moody*	B. Warren Beebe*	William J. Hilsweck*	Sherman A. Wengerd*
1958-59	George S. Buchanan*	Gordon I. Atwater*	Harold T. Morley*	Sherman A. Wengerd
1959-60	Lewis G. Weeks*	Alfred H. Bell*	Harold T. Morley*	Grover E. Murray
1960-61	Ben H. Parker*	Frank B. Conselman*	George V. Cohee*	Grover E. Murray
1961-62	Mason L. Hill*	J. Ben Carsey*	George V. Cohee	Grover E. Murray
1962-63	Robert E. Rettger*	Orlo E. Childs*	Robert E. King*	Grover E. Murray
1963-64	John C. Sproule*	Thomas H. Philpott	Robert E. King	John C. Hazard*
1964-65	Grover E. Murray	William H. Curry, Jr.	George C. Hardin, Jr.*	John C. Hazard
1965-66	Orlo E. Childs*	John M. Parker	George C. Hardin, Jr.	John C. Hazard
1966-67	Michel T. Halbouty	Daniel A. Busch	John D. Moody*	John C. Hazard
1967-68	J. Ben Carsey*	Eduardo J. Guzman*	John D. Moody	John D. Haun
1968-69	Frank B. Conselman*	John E. Kilkenny*	James M. Forgotson, Jr.	John D. Haun
1969-70	Kenneth H. Crandall*	Willis G. Meyer*	James M. Forgotson, Jr.	John D. Haun

Term	President	Vice President	President-Elect	Secretary
1970-71	William H. Curry, Jr.	J. M. Browning	Sherman A. Wengerd*	James R. Jackson, Jr.
1971-72	Sherman A. Wengerd*	John A. Taylor	James E. Wilson, Jr.	Ted L. Bear
1972-73	James E. Wilson, Jr.	Samuel P. Ellison, Jr.	Daniel A. Busch	Ted L. Bear
1973-74	Daniel A. Busch	August Goldstein, Jr.	Merrill W. Haas	Bernold M. "Bruno" Hanson*
1974-75	Merrill W. Haas	Duncan A. McNaughton*	John E. Kilkenny*	Bernold M. "Bruno" Hanson
1975-76	John E. Kilkenny*	Frank C. Crawford*	John D. Moody*	Robey H. Clark
1976-77	John D. Moody*	Ralph L. Miller*	Edd R. Turner*	Robey H. Clark
1977-78	Edd R. Turner*	Edwin P. Kerr	Robert D. Gunn	John J. Amoruso
1978-79	Robert D. Gunn	Thomas D. Barber	John D. Haun	John J. Amoruso
1979-80	John D. Haun	D. Keith Murray	Robey H. Clark	Donald R. Boyd*
1980-81	Robey H. Clark	Eugene F. Reid	Frank W. Harrison, Jr.	Donald R. Boyd
1981-82	Frank W. Harrison, Jr.	John L. Severson	John M. Parker	James A. Hartman
1982-83	John M. Parker	John P. Lockridge	John J. Amoruso	James A. Hartman
1983-84	John J. Amoruso	Robert D. Cowdery	Ted L. Bear	James A. Gibbs
1984-85	Ted L. Bear	Gerald M. Friedman	William L. Fisher	James A. Gibbs
1985-86	William L. Fisher	Clemon H. Bruce*	Bernold M. "Bruno" Hanson	Richard R. Bloomer
1986-87	Bernold M. "Bruno" Hanson*	James M. Forgotson, Jr.	Lawrence W. Funkhouser	Richard R. Bloomer
1987-88	Lawrence W. Funkhouser	Jerome J. C. Ingels	Norman H. Foster*	Michael E. Hriskevich
1988-89	Norman H. Foster*	John W. Shelton	James O. Lewis, Jr.	Michael E. Hriskevich
1989-90	James O. Lewis, Jr.	John W. Harbaugh	James A. Gibbs	Arthur M. Van Tyne
1990-91	James A. Gibbs	David G. Campbell	Robert J. Weimer	Arthur M. Van Tyne
1991-92	Robert J. Weimer	Donald W. Axford	Harrison L. Townes	Richard S. Bishop
1992-93	Harrison L. Townes	Donald L. Ziegler	Don F. Tobin	Richard S. Bishop
1993-94	Don F. Tobin	Robert G. Lindblom	A. T. (Toby) Carleton	G. Warfield Hobbs
1994-95	A. T. (Toby) Carleton	Stewart Chuber	Eugene F. "Bud" Reid	G. Warfield Hobbs
1995-96	E. F. (Bud) Reid	Stephen A. Sonnenberg	Robert D. Cowdery	Robbie Gries
1996-97	Robert D. Cowdery	David A. L. Jenkins	Edward K. David	Robbie Gries
1997-98	Edward K. David	Roy D. Nurmi	Richard S. Bishop	Elizabeth B. Campen
1998-99	Richard S. Bishop	Martha Lou Broussard	M. Ray Thomasson	Elizabeth B. Campen
1999-00	M. Ray Thomasson	Carl J. Smith	Marlan W. Downey	Charles R. Noll
2000-01	Marlan W. Downey	Ronald A. Nelson	Robbie Rice Gries	Charles R. Noll
2001-02	Robbie R. Gries	Donald W. Lewis	Daniel L. Smith	Charles J. Mankin

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*

\*Deceased

Term	Treasurer	Editor	Chairman, House of Delegates
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
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

\*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

\*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
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 H. 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

\*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 R. Harrison	Kenneth D. Vogel	Stephen M. Testa

## Annual Convention Locations and General Chairmen

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

## International Conference Locations and General Chairmen

Year	City	General Chairman	Year	City	General Chairman
1984	Geneva, Switzerland	P.W.J. Wood	1995	Nice, France	Lucien Montadert
1988	Nice, France	James A. Helwig	1996	Caracas, Venezuela	José P. Dominguez
1991	London, England	A.J. Martin	1997	Vienna, Austria	Walter P. Grün
1992	Sydney, Australia	Murray H. Johnstone	1998	Rio de Janeiro, Brazil	Joel Mendes Rennó
1993	Caracas, Venezuela	Juan Chacin	1999	Birmingham, England	R. F. P. Hardman
	The Hague, Netherlands	Roelof J. Murriss	2000	Bali, Indonesia	Gatot K. Wiroyudo
1994	Kuala Lumpur, Malaysia	Khalid Ngah			

## 2001 Fifty-Year Members

List is not comprehensive. It includes only those who attained 50-year membership in 2001.

Robert Keith Aaker  
Chester P. Abrassart  
Jim W. Adams  
William Leroy Adams  
Richard Victor Addy  
John Patrick Albanese  
Roger Gordon Alexander, Jr.  
Robert William Allen  
Edward Mackey Anderson  
Thornton E. Anderson  
John Michael Andrichuk  
Karl H. Arleth  
Louis George Arrington  
Joseph Murry Baria  
William Burroughs Barnhill  
Thomas Davies Barrow  
Ralph Oswald Bass, Jr.  
James Woodford Batchelor  
George W. Bayne  
Paul James Beaver  
Charles C. Bishop  
Arden Francis Blair  
George Warren Blakslee  
William Dave Blankenship  
Lawrence Cook Bonham  
Charles Booth  
Oscar Benjamin Bourn  
David Arthur Brierley  
Kenneth Gray Brill, Jr.  
Georges P. Brognon  
James Elwood Brooks  
Carroll Dan Brown  
Robert Lee Brownfield  
Pierre F. Burollet  
Floyd Robert Bussey  
Frank L. Campbell  
Oran Riley Carter  
Bruce Ned Cheatham  
Calvin Alphonse Chimene  
George Boulanger Choquette  
William K. Clark  
Roger Burnham Colton  
Roger Lewis Corbeille  
Weyman W. Crawford  
Nance G. Creager  
Robert Howard Cress  
Verne L. Culbertson  
Joseph Ross Curry  
James Robert Daniels  
Richard Lee Darrow  
John David Davis  
Lewis Decker Dawson  
Robert Henry Dott, Jr.  
Reid C. Draffen, Jr.  
Bobby Sid Dubose  
William Leroy Duggan  
Grady Earnal Dupriest

Richard James Ebbert  
Richard Edward Elicker  
Lowell Clayton Ellis  
Richard Eccles Farmer  
John B. Fatheree  
Glen Lee Faulkner  
Robert Bruce Ferguson  
Leroy Foll  
Dorman Eugene Followwill  
William Jack Ford  
Charles M. Forney  
Jack Dolph Foster  
Robert John Foster  
Arne Stuart Fryxell  
Alfred Gaither  
Paul Winslow Garrett, Jr.  
Frank A. Getz  
William Arnold Gillespie  
Frank Richard Goodban  
Roy G. Gordon, Jr.  
Donn Sherrin Gorsline  
Marvin Grace  
Dean Grafton  
William Faure Grauten  
Howard Russell Green  
Wayne Harlan Grimes  
Fred Edward Grinstead  
Thomas L. T. Grose  
Olin Edwin Groves  
Charles F. Hajek  
Donald Lynn Hall  
Kenneth Stanley Harding  
Donald Samuel Hare  
John Lee Harlan  
Rollin Barnes Harrington  
Frank Richard Hays  
Werner Henry Heidtbrink, Jr.  
Donald E. Heilner  
Darrell Neil Helmuth  
John W. Henderson  
Edward R. Hewitt  
Erwin Ralph Hines, Jr.  
Mark H. Hobbs  
Clifford H. Hodges, Jr.  
John Humphreys Hoke  
James C. Hollingsworth  
Kenneth Harry Holmes  
Harold J. Holmquest  
William Corwin Hooper  
Lawrence Edward Hoover  
James Robert Hopson  
Owen Merle Hornstein, Sr.  
Ernest Henderson Horton  
Ben Rollins Howard  
Ralph C. Howard  
Van Howbert  
Dan Allen Hughes  
Dudley Joe Hughes  
John Herbert Hughes  
Edward W. Hughston  
Emmett Arl Humble

John Fowler Ireland  
Elystan Geoffrey Jeffreys  
Charles Lewis Jensen  
William James John  
Bradford Knowlton Johnson  
Glenden Fordice Johnson  
Joseph William Keffler  
George Edmund Kelley  
Patrick F. Kelly  
Stuart Duff Kerr, Jr.  
Michael Lamont Kidda  
Charles Richard King  
Robert Wesley King  
Mahlon V. Kirk  
Gerald Don Kiser  
Merlin Dean Kleinkopf  
Carroll Field Knutson  
Charlie John Kosarek, Jr.  
Max Allen Krey  
James M. Lampton  
Jean Louis Lee  
Rodney Conant Leland  
Max Levin  
Arthur Vaughan Lewis, Jr.  
Harold Maynard Lian  
Robert Lill  
Lois Del Monte Lindstrom  
Earl H. Linn  
Eugene Lipstate  
John D. Lomax  
Edwin K. Lucas  
Robert Orwen Lynch  
Willis Jack Magathan  
Vernon Joseph Main, Jr.  
Herbert Mann  
Leon Vernon Manry, Jr.  
Francis X. Markovic, Jr.  
Edward Marks  
Walter H. Martz  
John William Mason  
Robert Clifton Mason  
Andre Joseph Masson  
Kenneth Eugene Masters  
Douglas Ladson McBride, Jr.  
John Howard McCarter, Jr.  
Robert Eugene McDonald  
Alexander A. McGregor  
Donald Hamilton McLaughlin  
Elbie G. McNeil  
William Claude Miley  
Jeff E. Miller, Jr.  
Richard Miller  
Earl Lee Mills  
Herbert Gordon Mills  
Robert Clarkson Millspaugh  
Robert Bruce Mitchell  
Ralph Moon Moberly  
Miguel Montes  
Clarence Victor Moore, Jr.  
Norman Stewart Morrissey  
Frank Ray Moulton, Jr.

Paul Edwin Mullinax  
Donald Edward Napp  
Thomas Earl Neudecker  
William Bohning Newberry  
Isaac Walker Norman  
William J. Nugent  
Theodore Off  
John Peter Olson  
Joe Henry Pate  
Elwin Merrill Peacock  
Robert Holden Peacock  
Cecil Toney Phillips  
Walter Sandford Plant, Jr.  
Bernard Podolsky  
Dewitt L. Potter  
David Edward Powley  
John Kuhnast Rabenold  
John Graves Raymond  
Louis Robert Reeder  
Douglas Leroy Reese  
Fred S. Reid  
William Francis Reynolds  
Robert B. Rhodes, Jr.  
George Leroy Richards  
William F. Robertson, Jr.  
William Harvey S Robinson  
Joseph Harrison Roeder  
Alfredo Rosenzweig  
John Clarence Rudolph  
Rushdi Said

William Henry Sampsel, Jr.  
Howard Samsel  
Nestor John Sander  
John Brewster Sangree  
Henry Joachim Schaetti  
Jack Frederic Schindler  
George Theodore Schmitt  
Kempner R. Scott  
George Sealy, Jr.  
Wilbur Lowell Shackelford  
John W. Shane  
Richard Frank Shaw, Jr.  
Eugene Merle Shearer  
Robert H. Shepard  
Glenn Lincoln Shepherd  
Henry James Sherman  
Allen G. Siemens  
Shelby Wilman Smith  
Fred Dean Spindle, Jr.  
Frank June Spiva  
Narl August Spradley, Jr.  
Alfred Carl Spreng  
Michael Stuart Stanton  
Rex Hale Stever  
Roger David Steward  
Donald Sherwood Stone  
Robert H. Storch  
John Willis Strickland  
Paul Howard Summers

Floyd Lauren Swabb  
George H. Tappan  
Jack Hamilton Tarver  
James Richard Taylor  
Charles Edward Terry  
R. Cullen Thomas  
Norman Eugene Thompson  
Ronald B. Thompson  
Adolph Paul Tiddens  
William Norman Tindell  
Jack Winfred Trantham  
Ami Hugh Trask  
Grant Miller Valentine  
M. H. Vaughn  
George Byrom Vockroth  
Alfred Wagner, Jr.  
Jack L. Walper  
John P. Walsh  
Edward McCoy Warren  
Charles William Welby  
Edgar Winston Wellbaum  
Bruce Cady Wentner  
James Edward Werner  
Garner L. Wilde  
John Stuart Williams  
Pat Edward Williams  
Theodore Hoover Willis  
Lee Roy Woodard  
William B. Yarborough

# AAPG Constitution and Bylaws

## Constitution

Constitution as amended July 23, 1993.

### 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 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 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 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 shall be sufficient to amend.

## **Bylaws**

Bylaws as amended June 3, 2001.

### **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 age 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 Council's recommendations shall thereafter be considered by the Executive Committee which 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. The names of approved candidates shall be published in the *Bulletin* or by other suitable means ninety (90) days prior to distribution of ballots to members. Additional nominations may be made by written petition of fifty (50) or more members in good standing received at Association headquarters not later than November 15 following. The Executive Committee shall then prepare a printed ballot, listing the candidates for each office, and one (1) ballot shall be mailed to each member on or before April 1. 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 ballot by membership, through a special election called by the Executive Committee.

## **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.

(c) The effective date of this amendment is July 1, 2001.

## **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 committeemen and process requests from the Board of Certification for information regarding applicants for Certification by the Association.

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

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

## **SECTION 6. Meetings of House of Delegates**

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

## **SECTION 7. Accreditation of Delegates**

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

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

## **SECTION 8. Officers of House of Delegates**

(a) The officers of the House of Delegates shall be a Chairman, a Chairman-Elect and a Secretary/Editor. The House of Delegates shall elect the Chairman-Elect and the Secretary/Editor at its annual meeting. The term of office shall be one year commencing July 1 following election of officers. The Chairman-Elect shall assume the office of Chairman of the House of Delegates the year following his or her term of office as Chairman-Elect. 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 three (3) 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 judgment. 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 writ-

ten 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**

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 & 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.

**SECTION 3. Publication of Amendments**

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

**SECTION 4. Consideration of Amendments**

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

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