

# 2014 ANNUAL REPORT

— For the Fiscal Year July 1, 2013 to June 30, 2014 —

## 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. Hines

Charles W. Honess

Joseph S. Hook

J.V. Howell

Richard Hughes

V.H. Hughes

L.L. Hutchison

C.E. Hyde

Harry R. Johnson

William Kennedy

Grady Kirby

Charles T. Kirk

William C. Kite

Marvin Lee

Raymond Leibensperger

J. Whitney Lewis

Harve Loomis

Hugh J. Mackay

Alex W. McCoy

Edgar W. McCrary

A. Stafford McCullough

H. Harper McKee

M.G. Mehl

George H. Meyers

William J. Millard

V.E. Monnett

Raymond C. Moore

Francis P. Mully

M.J. Munn

Jerry B. Newby

D.W. Ohern

E.C. Parker

Irving Perrine

G.C. Potter

Sidney Powers

Wallace E. Pratt

Sylvan S. Price

Forest R. Rees

Robert J. Riggs

Charles H. Row

Paul Ruedemann

J.M. Sands

E.W. Scudder

C.L. Severy

C.W. Shannon

Walter M. Small

Carl D. Smith

L.B. Snider

L.C. Snider

W.C. Spooner

Dean M. Stacy

Charles H. Taylor

J. Elmer Thomas

L.E. Trout

Johan A. Udden

Herbert N. Uri

M.M. Valerius

W.A.J.M. van Water

schoot van der Gracht

V.V. Waite

Lucian Walker

K.D. White

Earl V. Whitwell

A.J. Williams

E.G. Woodruf

W.E. Wrather

Harry F. Wright

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

## President

As always, the year served as president of AAPG went by quickly and much was left to my successor, Randi Martinsen. My principle efforts as President were for AAPG to focus on strategic business activity and decision process that would ensure AAPG surviving and prospering through our next 100 years. Through the efforts of an excellent Executive Committee (EC) and our dedicated and hard working AAPG Staff some good progress was made and the items below highlight our activities for the year.

### Three-Year Business Plans

During the last year, AAPG Staff has been preparing three-year business plans to link AAPG operations as a business to our long-term strategic plan. This is to ensure a consistent approach that focuses effort and prioritization on meeting our critical goals through an integrated and directed effort by the AAPG team. While this seems an obvious course, it is a massive undertaking for our Staff as they continue to do their day job. We believe it will bear the fruit of a more efficient and focused AAPG.

### DEO-GIS

The EC aggressively supported the development of the Datapages Exploration Object search system (yes, it deserves another name more fitting to a really cool map based search system). This system allows our corporate clients and their employees to access maps and cross sections and tie them directly to a map. DEO is now being marketed through Datapages and we wish them success in this effort.

### Fiscal Responsibility

We focused heavily on maintaining fiscal viability for AAPG this year and to that end, approached several issues.

- **IBA:** The Imperial Barrel Award is one of our most popular flagship programs but it costs AAPG about \$750,000 per year. We undertook a study to determine contingency plans for downturns in our industry and how to keep this excellent program running in the event that sponsorship funding diminished. These contingency plans can now be implemented sequentially if needed.

- **100<sup>th</sup> Anniversary Committee:**

Celebrating our 100<sup>th</sup> anniversary only comes along, well, every 100 years, but the EC was concerned that expenditures not exceed reasonable bounds, while generating product that would benefit our membership and society at large for some time to come.

- **Financial Buffer:** As AAPG's efforts have grown globally, our annual budget has grown accordingly. Our financial buffer in the form of investments, etc. had fallen to about 9 months. This year, we were able to move \$750,000 in net surplus out of our operating fund and into our investments portfolio. We hope this trend will continue so that our buffer grows to 18 months or so. This would hopefully see us through the worst of a major downturn and keep the doors open and the presses rolling.

### Advisory Council Initiatives

The AC, EC and House of Delegates have approved a revision of the sponsorship requirement for membership to one sponsor and membership application forms have been changed accordingly, along with the inclusion of a copy of the AAPG Code of Ethics to every prospective member. Although not directly linked to this decision, the EC also approved including the AAPG Code of Ethics in every membership renewal to emphasize our professional responsibilities as AAPG members.

### Cooperative Efforts with Sister Societies

AAPG's various meetings basically pay for all of our other scientific and service activities. By joining forces with our sister societies in creating new meetings and expanding old ones, the intent is to increase the spread of good geoscience while also increasing our net income. To that end, the Unconventional Resources Technology Conference (URTeC), the International Petroleum Technology Conference (IPTC) and Offshore Technology Conference (OTC) all represent very successful joint efforts with societies including SPE, SEG and EAGE. We will be expanding our ICE conferences to two per year and SEG will be working as a partner at those events.

### New AAPG Website Design

While the EC claims no credit for AAPG's new website was rolled out this year. As issues arise AAPG staff are continuously improving the site, but a big step on a long journey has been accomplished and we thank our staff for their diligent, ongoing efforts!

### Looking to the future

AAPG is a reflection of our industry and our industry is global, diverse, and constantly changing. For AAPG to survive we must be responsive to these changes. In times past, my colleagues and I joined AAPG because it was a source of invaluable information we couldn't get anywhere else. Today, when we can get most any information we want with a few swipes on our smart phones, AAPG has lost a lot of that critical informational relevance. AAPG is still useful, but not the only source and frankly, most of our users are not overly concerned about the source of the information.

- **Inclusivity and Unity:** Because we are a global industry and a global organization (AAPG members live in approximately 120 countries), acceptance and inclusivity become critical aspects of our business and professional activities. I invite all of you to remember how important it is to your ultimate success to be inclusive of colleagues who bring different perspectives to the table, whether by gender, ethnicity or place of birth. In applied geoscience, it is often the new idea or different perspective that leads to a new discovery or makes that discovery vastly more economic.
- **Relevance:** AAPG has been indispensable in my career, but is it to today's young geoscientists. I think not, at present. And are we relevant for the people who pay our bills... the big companies who sponsor our events? That answer is more complex, but to make it a simple and emphatic "YES" matters to the future of AAPG. We must seek ways to maximize our relevance to every potential member and member, while remembering to find ways to have an impact in an industry that constantly sees more hands reaching for a limited sponsorship budget.
- **Our most valuable product at AAPG:** Going forward, I believe the product we offer that is most valuable and is virtually irreplaceable in our industry is our ability to provide a link to other geoscience colleagues across the globe. These ties

## Statement of Income and Expenses

	General Fund FY 2012-13	General Fund FY 2013-14	Budget FY 2013-14
<b>Operating Income</b>			
Dues	\$ 2,584,575	\$ 2,509,606	\$ 2,440,560
BULLETIN Subscriptions	236,381	249,946	245,400
Advertising Income	1,872,398	1,934,629	1,829,600
Sales of Publications	1,076,194	1,077,247	901,000
Interest and Dividends	349,952	371,243	320,000
Investment Income from NAPE	672,682	736,964	700,000
Investment Income - Other	973,735	1,327,080	1,050,000
Education and Misc. Service Fees	4,363,330	4,766,196	5,927,414
Conferences and Meetings	6,237,215	10,310,623	7,778,874
Page Contributions	593	10,306	-
Gain (Loss) on Datapages	(266,681)	(9,203)	148,536
Gain (Loss) on International Pavilion	100,229	(79,439)	22,000
Grant Income	1,141,408	1,192,772	1,104,183
Miscellaneous	458,160	358,603	463,831
<b>TOTAL OPERATING INCOME:</b>	<b>19,800,171</b>	<b>24,756,573</b>	<b>22,931,398</b>
<b>Operating Expenses</b>			
Salaries	4,893,910	5,010,034	5,513,191
Employee Benefits	2,222,309	2,019,027	2,355,436
Publishing Cost of BULLETIN	261,526	311,399	276,000
Publishing Cost of EXPLORER	177,090	228,379	297,094
Cost of Special Publications Sold	382,767	319,140	284,852
General Office Expense	949,733	790,915	1,004,475
Postage and Shipping	554,551	577,497	572,292
Building Expense	349,470	320,873	347,280
Professional Fees	1,276,102	1,917,873	1,572,155
Staff Travel	446,785	410,438	448,382
Professional Travel	1,100,518	1,246,573	1,447,865
Conferences and Meetings	5,811,490	8,345,817	6,911,021
Depreciation	213,631	202,910	225,463
AGI Dues	64,832	64,832	62,401
Meeting Presence / Display	4,072	363	10,259
Miscellaneous Grants and Awards	200,802	290,808	636,466
Miscellaneous	463,674	426,899	522,815
<b>TOTAL OPERATING EXPENSES:</b>	<b>19,373,262</b>	<b>22,483,777</b>	<b>22,487,447</b>
<b>Income (loss) from Operations</b>	<b>\$ 426,909</b>	<b>\$ 2,272,796</b>	<b>\$ 443,951</b>
<b>BALANCE SHEET SUMMARY</b>			
Assets	\$ 21,510,284	\$ 27,170,816	
Liabilities	8,534,725	8,714,361	
Fund Balance	12,975,559	18,456,455	
<b>TOTAL LIABILITIES AND FUND BALANCE</b>	<b>\$ 21,510,284</b>	<b>\$ 27,170,816</b>	

The figures reflected above in the FY 2013–2014 are preliminary, as the audit, and the audit of all the required affiliates and subsidiaries had not been completed at the time this statement went to print.

of mutual technical interest, shared business interest (often leading to partnerships and deals) and friendship can last for all of our professional or personal lifetimes and often delineate the boundary for success vs. failure for individuals or whole corporations in this business!

### A Note of Thanks

Finally, I would like to thank Randi Martinsen, now your president, along with Richard Ball (Secretary), Tom Ewing (VP

Sections), John Kaldi (VP Regions), Deborah Sacrey (Treasurer), Mike Sweet (Editor) and Larry Wickstrom (HoD Chair) for their service on the Executive Committee. They were a great group to work with and they did an excellent job this year! I would also like to offer huge thanks to David Curtiss (Executive Director) and David Lange (Deputy Executive Director) and the people of our wonderful AAPG Staff for all their hard work and patience! Finally, I would like to thank each of you AAPG members who have worked so

tirelessly as volunteers and offered me suggestions along the way.... Without you and others like you in the past, AAPG would not be what it is today!

*Lee Krystinik*

## Treasurer

Fiscal Year 2014 was projected to be a reasonably good year for the Association, and turned out to be an exceptionally good year.

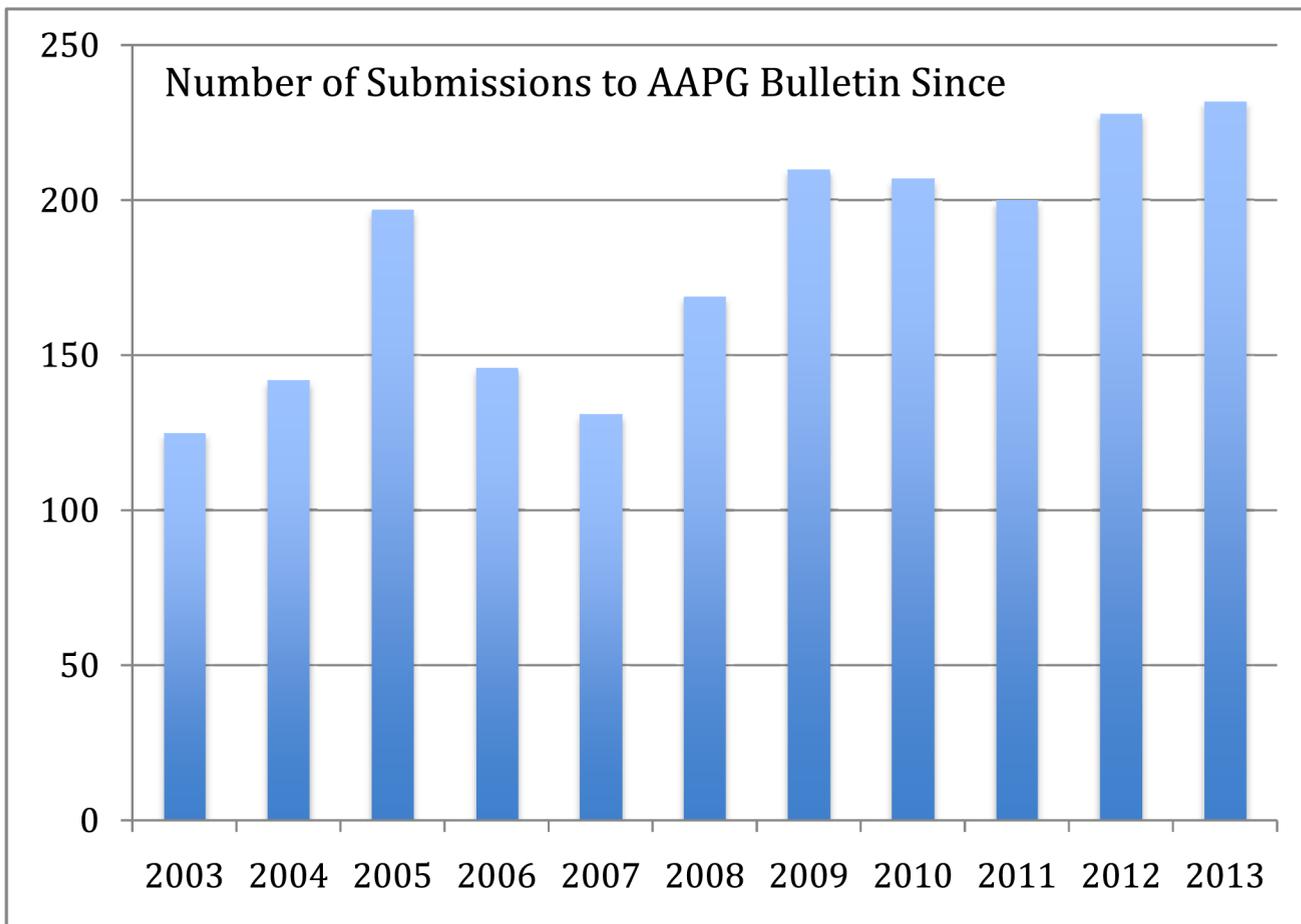
Our income from advertising, sales of publications, educational and convention activities was up over the prior year. On the meeting activity, we greatly benefited from the strong results at both our ACE (Houston) and ICE (Cartagena) event. We also benefitted from a healthy positive return from our investments in cooperative partner events, including the NAPE meeting and our interest in the Offshore Technology Conference and IPTC.

We had budgeted expenses of nearly \$22.5 million, though we continue to challenge ourselves and the staff to be good stewards of our members' resources while still striving to deliver a high level of member benefits. As a result of these efforts, our overall expenses for the year were just under budget, coming in at \$22.5 million, which is favorable to budget by just under \$3,700.

All in all, we enjoyed the results of Fiscal Year 2014. Although for many years we have been enduring widely-varying asset values in the stock market, affecting our investment holdings as well as our pension liability, we are actively trying to properly position the portfolio for the future and plan for economic uncertainties. We enjoyed a stimulating ICE meeting in Istanbul and are working to complete the financial figures right now. We are anxious to see how that meeting turns out, and expect we will have an outstanding time at the ACE in Denver next year as well.

We are closely watching the evolution of scientific publishing, as hardcopy paper hardcopies are gradually being replaced by electronic forms. The Datapages online information service is financially healthy, and with the new Datapages DEO, will provide a service to Members and to the profession. As the Association enters new ventures, some jointly with sister organizations, we are vigilantly watching the financial results in order to prudently bring the greatest professional benefits at the best value.

*Jim Tucker*



## Editor

The Editor oversees all technical publication of AAPG, including the *AAPG Bulletin*, Special Publications, and GIS/Spatial Publications, which are all peer-reviewed, and Search and Discovery, which is not peer-reviewed. Michael L. Sweet was elected Editor in 2013 succeeding Steven Laubach who completed his three-year term as Editor at the end of June.

### **AAPG Bulletin**

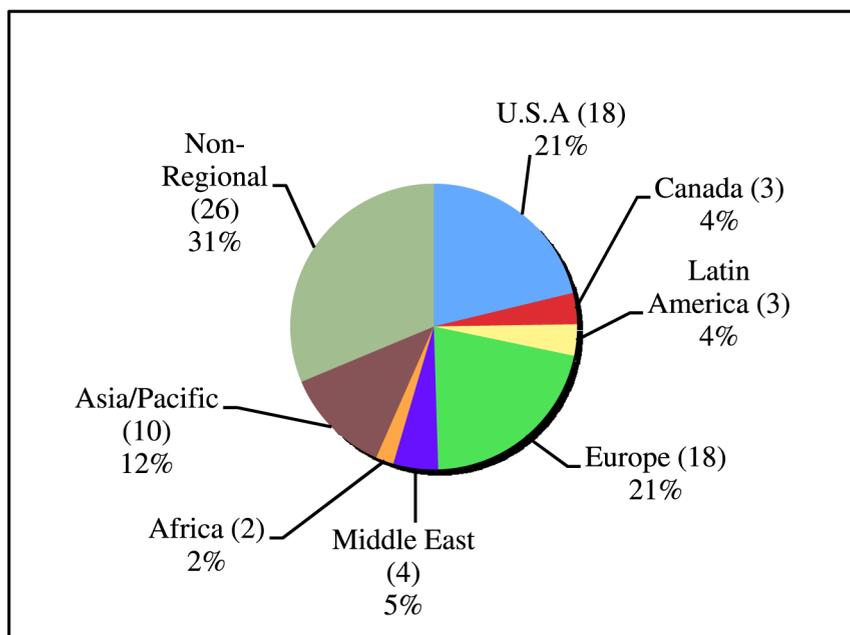
The *AAPG Bulletin* publishes papers on the geology and associated technology of hydrocarbon exploration, development and production and other energy mineral resources. Since 1917 it has occupied an important place in the scientific literature of petroleum geoscience. As of December 2013 all 40,958 members of the AAPG received the *Bulletin* either digitally, or on paper along with 600 institutional subscriptions. As a highly selective peer-reviewed journal it attracts papers from leading petroleum geology and engineering researchers. The *AAPG*

*Bulletin* enjoys one of the highest rates of downloads among the collection of journals in the GeoScienceWorld, an aggregation of 41 high-impact, peer-reviewed earth science journals to which many research and academic institutions worldwide subscribe. Downloads of *Bulletin* papers through GeoScienceWorld and our own Datapages archive provide another means to disseminate our science to the academic and corporate community beyond our membership. Royalties from downloads and other permissions usage are an important source of revenue for AAPG totaling over \$240,000 in 2013.

Submissions to the *AAPG Bulletin* have been rising for the last three years. The 232 manuscripts submitted to the *AAPG Bulletin* in 2013 exceeded the 228 received in 2012 and is the highest number of submissions since record keeping began in 1990. Of the manuscripts received in 2013, 71 were accepted for publication with revisions and 111 were rejected (48%). Because submissions are high we have had the flexibility to be more selective about the papers that we are publishing. We

continue to receive a significant number of manuscripts written by authors for whom English is a second language. These submissions add greatly to the geographic diversity of our science, but require volunteers and staff assisting the authors with communicability of the science. In November 2013 the *Bulletin* published a Special Issue edited by Drs. Ernest Mancini, William Morgan, Paul (Mitch) Harris and William Parcell on Microbial Carbonates.

In calendar year 2013, 84 (88 including Discussion and Replies) papers were published, including 26 (31%) non-geographical, topical studies, with the balance describing petroleum-related research and applications with regional examples. Of studies having a regional aspect, 21% addressed subjects from areas in the United States, 10% from the Asia/Pacific area, 5% from Africa, 4% from the Middle East, 21% from Europe, 4% from Latin America, and 4% from Canada. Associate Editors appointed from all AAPG Regions and Sections encourage manuscript submissions from their geographic areas. Most of the papers published were rated as major articles.



The Editorial Board has revised the descriptions of the parts of the Bulletin to better delineate shorter, topical contributions in science, technology, and exploration (Geologic Notes, Geohorizons, and E&P Notes, respectively) with the aim of attracting more contributions in these categories. These contributions will receive expedited editorial handling to fast-track them to publication.

The average number of days required to review and act on manuscripts in 2013 increased to 94 days from submittal to decision rendered. This increase in response time from last year may be in part due to having the Senior Associate Editors take on some of the process of selecting reviewers and making the acceptance decisions. While having this extra layer of editorial input may slightly slow the overall review process, I believe that it greatly improves the quality of reviews and ultimately papers. Providing rapid but thoughtful and constructive reviews is the essential contribution of the *AAPG Bulletin* peer-review and scientific editorial process. The *AAPG Bulletin* typical requests three reviewers to read manuscripts. The quality of the review is vital, and reviewers are busy unpaid volunteers. Although the median review time is less than 30 days, the incidence of longer review times for reviewers who render an opinion remains unacceptably large. Increasingly manuscripts may be rejected after initial screening by senior editors; many of these papers successfully enter review later.

### New Journal: *Interpretation*

During 2013 AAPG joined with the Society of Exploration Geophysicists (SEG) to launch a new quarterly journal dedicated to the integrated aspects of geophysical interpretation. This journal also incorporates an editorial board appointed by each society. The first two issues of *Interpretation* were published in August and November of 2013. Response from authors has been strong, and a total of 39 papers were published in the first two issues.

### AAPG Special Publications 2013 Releases

Seven books, six CDs and three digital downloads were published in 2013.

#### Books Released in 2013

1. Memoir 98—The Great American Carbonate Bank: The Geology and Economic Resources of the Cambrian-Ordovician Sauk Megasequence of Laurentia
2. Memoir 100—Tectonics and Sedimentation: Implications for Petroleum Systems
3. Memoir 101—Energy Resources for Human Settlement in the Solar System and Earth's Future in Space
4. Memoir 102—Electron Microscopy of Shale Hydrocarbon Reservoirs
5. Studies in Geology 63—Anatomy of a Giant Carbonate Reservoir: Fullerton Clear Fork (Lower Permian) Field, Permian Basin, Texas
6. Studies in Geology 64—Heavy-oil and Oil-sand Petroleum Systems in Alberta and Beyond

7. Studies in Geology 65—Application of Structural Methods to Rocky Mountain Hydrocarbon Exploration and Development

#### Reprint Collections on CD

1. Publications of the North Texas Geological Society on CD-ROM: 1954-1992
2. Publications of the Abilene Geological Society, 1946-2008
3. Hydrocarbon Seepage: From Source to Surface
4. The Trenton Group (Upper Ordovician Series) of Eastern North America: Deposition, Diagenesis, and Petroleum
5. Atlas of Coal Geology, 2<sup>nd</sup> Edition
6. Getting Started 22—Economics, Chance, and Uncertainty

#### Digital Downloads Released in 2013

1. Southern Rocky Mountains Geological Highway Map
2. Africa Basin Classification Map
3. Africa Geology and Hydrocarbons Map

The Publications Committee (Colin North, Chair) has goals that include markedly increasing the number of books published per year, reducing the time from conception to production, and increasing linkages to technical communities within the association. The Publication Committee is the home of the book series editorial board. An ahead-of-print capability for book chapters is a high priority that will be implemented soon.

#### GIS/Spatial Publications

The Geographic Information Systems Committee (Bret Fossum, Chair) recently completed several projects.

#### Peer-Reviewed and Published on GIS Open-File Website

Burke, L.A., Kinney, S.A. et al., 2014, Series of Five Maps Characterizing Geopressure Gradients: Southern Louisiana, State and Federal Waters (GIS by the USGS)

Peer-reviews and GIS work completed (waiting on Datapages to publish):

Gong, J.A., 2013, Vectorization of the Stratigraphic Atlas of North and South America - Phase II, Jurassic and Tertiary (GIS by OSU completed and delivered to Datapages May 9<sup>th</sup>, 2013)

St. John, B., 2013, Geology of Ethiopia (GIS by OSU completed and delivered to Datapages Sep 26, 2013)

Ambrose, W.A., 2013, Wilcox Group and Carrizo Sand in East Central Texas – Depositional Systems and Deep Basin

Lignite (GIS by OSU completed and delivered to Datapages Nov 14<sup>th</sup>, 2013).

These are significant projects addressing topical issues, with numerous maps, many thousands of data entries and a high level of complexity. All were peer-reviewed to ensure high standards of presentation and science.

### **Search and Discovery**

Search and Discovery continued to show significant numbers of new articles posted and significant usage during 2013. Over the year, 596 new individual articles were posted as were 25 abstract sets (containing 2,912 total abstracts) and 6 audio-visual presentations. Articles were obtained mostly from presentations made at ICE, ACE and AAPG Section and Region meetings and also Geoscience Technology workshops. Several approved unsolicited manuscripts were also received and posted. Usage included 943,394 visits for a rate of 2,585 visits per day. In addition, Search and Discovery developed mobile applications (apps) of abstracts and schedules for eight AAPG meetings during 2013: ACE, ICE, European Region (Barcelona), 3P Arctic (Stavanger),

Rocky Mountain Section (Salt Lake), Mid-continent Section (Wichita), Pacific Section (Monterey), and GCAGS (New Orleans). There were more than 2,000 downloads of the apps which were developed in both Apple and Google formats. Search and Discovery was a sponsor of the Imperial Barrel Award providing tracking of contest progress as well as presenting IBA jackets to the winning team. And finally, Search and Discovery procured corporate sponsorship during 2013 from Anadarko Petroleum Corporation. In addition several other corporate entities have provided advertising support throughout the year.

### **Charles H. Taylor Fellowship**

Last year Elected Editor Steven Laubach established the Charles H. Taylor Fellowship. The role of the Fellowship, which has the status of a special committee, is to advise and assist the Elected Editor with emphasis on journal publications. The fellowship is named for Charles H. Taylor, the first editor for the association'

The Charles H. Taylor Fellowship held their second annual meeting in Houston on January 27<sup>th</sup>, 2014. The meeting is

described in an article that ran in the March 2014 issue of the AAPG *Explorer*. The primary objective of this annual meeting was to select books and papers for AAPG's Pratt (Best Paper), Sproule (Best Paper by an author under 35 years old), and Dott (Best Book) Awards. The attendees also heard reports on aspects of AAPG's Publications and discussed ways to improve the process of reviewing and soliciting papers for publication.

The day was capped off with a formal dinner, during which new Fellows were officially inducted. Dr. Joe Macquaker presented the second annual Taylor Fellowship Award Lecture titled "Early diagenesis in fine-grained sediments: cement precipitation as a modifier of fabrics and porosity systems in fine-grained rocks." Dr. Macquaker and his co-author Dr. Andy Aplin were the winners of the 2013 Sproule Award.

### **Open Access Policy**

In August 2013 AAPG instituted an Open Access Policy to facilitate publication of publicly funded research.

***Michael L. Sweet, Editor***

## AAPG Foundation

### Fiscal Year Ending June 30, 2014

The AAPG Foundation was established to support programs that benefit the geologic profession and the general public. Founded in 1967 as an Oklahoma Trust, and incorporated as a 501 (c) 3 organization in 1968, the Foundation's purpose is to encourage a better understanding and advancement of the geosciences, and to establish programs and fund projects that support the education, training and career enhancement for earth scientists.

This report will provide an update on the preliminary financial activities for the past fiscal year, which ended on June 30, 2014.

### Financial Overview

The Foundation's financial audit had not yet been completed at the time of this reporting, thus the financial information is preliminary.

For fiscal year 2014, the Foundation operating revenue amounted to \$5.53M, compared to last year for the same period of \$6.95M. Revenues came primarily from rental income, interest, dividends, capital gains and oil and gas royalties. Operating expenses totaled \$2.36M compared to the previous year of \$2.69M.

The Foundation's investment portfolio is conservatively invested and well diversified and includes public and private equity mutual funds, fixed income mutual funds, international investments and real estate. Last year the Foundation's investment portfolio showed a healthy increase of 12.1%, and amounted to \$47.4M as of June 30, 2014 compared to \$42.3M on June 30, 2013, and \$38.1M on June 30, 2012.

### Contributions

Contributions to the Foundation this past fiscal year amounted to \$1.34M.

Contributions to the Foundation for FY 2013 were \$2.75M.

Approximately 7% of AAPG members in the U.S. and 4.5% of members overall contributed to the Foundation this past fiscal year, compared to last year's 8% of U.S. members and 5.4% of total members. Not surprisingly, 70% of the donors and 83% of total contributions are from AAPG members.

The Trustee Associates support has been and continues to be a critical and important factor in the growth and

development of the Foundation. Out of the total contribution dollars received by the Foundation in FY 2014, \$607K came from Trustee Associates.

To continue to cultivate the strong and important financial support for the AAPG Foundation, a Fundraising Advisory Committee, chaired by Rick Fritz, has continued the work of the Financial Campaign Committee. The committee has been active the past few years in helping continue to raise funds for the Foundation's programs with particular focus on the Military Veterans Scholarship Program and the Imperial Barrel Award.

The Military Veterans Scholarship Program was approved by the Trustees last year and is expected to begin awarding funds to military veterans in 2015. This program was created to promote educational advancement and career opportunities in the geosciences for U.S. veterans.

### Program Support

The Foundation continues to provide funding for many programs which support its mission of funding programs that benefit the geologic profession and the general public.

During the past year, the Foundation awards and grants amounted to \$1.16M, and continued to support many of the important geological programs it has supported previously including (in \$thousands):

• Imperial Barrel Award	\$ 202
• Bulletin Fund	\$ 212
• Weeks Memorial Fund	\$ 149
• Grants-In-Aid	\$ 207
• Distinguished Lecture	\$ 100
• L. Austin Weeks Undergraduate	\$ 65
• Visiting Geoscientists Fund	\$ 23

In addition, the AAPG Foundation Trustees approved proposals for funding totaling \$158,000 which included the following:

- James A. Hartman Student Chapter Leadership Summit
- Earth Science Week
- Boy Scouts of America Geology merit Badge Program
- Teacher of the Year Award
- The Halbouty Lecture
- The Professorial Award
- The Michel T. Halbouty Endowed Fellowship
- The Holland Professorial Award
- Search & Discovery
- OSU Consortium

The Grants-In-Aid program continues to grow with 92 Named/Memorial grants. The Grants-in-Aid program supports graduate and post-graduate students in their studies related to earth science aspects of the petroleum energy industry, including exploration and development of hydrocarbons and economic sedimentary minerals and relevant applications of environmental geology. Student recipients were invited to submit their abstracts for publication in the *AAPG Bulletin* and on the Search and Discovery website.

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

### Membership

The Board of Trustees consisted of Jim Gibbs (chairman), John Amoruso (vice Chairman), Ray Thomasson (secretary), Bill Gipson (treasurer), Lee Backsen and Paul Strunk.

At the annual meeting of the Members of the Corporation in Houston, Texas on April 7, 2014, David Rensink and Bruce Appelbaum were elected as members of the Corporation for staggered terms.

Trustee Associate Officers are Jay Henthorne (chair), David Worthington (vice chair) and Larry Jones (secretary-treasurer). The AAPG Foundation Trustee Associates membership totaled 272 as of June 30, 2014.

The 2014 Annual Trustee Associates meeting was held in Austin, Texas in September, 2014. Five new Trustee Associate members were welcomed to the group, and eight passed away. The Trustee Associates support has been and continues to be a critical and important factor in the growth and development of the Foundation. Each Trustee Associate's support is essential to the growth and future of AAPG Foundation programs. We thank each of you for your dedication and commitment.

### Foundation Awards

The **L. Austin Weeks Memorial Medal** was established in 2008, and is the Foundation's highest award given in recognition for extraordinary philanthropy and service directed to advance the mission of the Foundation. The premier award honors the late L. Austin Weeks, whose philanthropic legacy set an exemplary standard. This year, the award went to **James A. Hartman**. While he

couldn't be present to receive the award, he was honored at the AAPG Annual Convention and Exhibition (ACE) All-Convention Luncheon in Houston Texas, in April, 2014.

**Charles Weiner** was the 16<sup>th</sup> recipient of the **Chairman's Award** for his support to the Foundation. Weiner accepted his award at the AAPG Foundation Chairman's Reception at the AAPG Annual Convention and Exhibition (ACE) in Houston, Texas in April, 2014.

The AAPG Foundation Trustees named **Bob Ardell** and **Mike Wisda** as the 2014 **Trustee Associates Service Award** recipients. Awards were presented at the September, 2014 Trustee Associates Annual Meeting in Austin, Texas. The Trustee Associate Service Award is presented to individuals or corporations who have distinguished themselves in beneficial long-term service to the AAPG Foundation. The 2013 recipient was **Jack P. Martin**.

The Board of Trustees extends a heartfelt thank you to each contributor for the continued support of the Foundation's vision and mission. Together we can build a better foundation for the geosciences.

**James A. Gibbs**  
**AAPG Foundation Trustee Chairman**

## Energy Minerals Division

This year's EMD activity focused on increased participation by EMD leadership, continued efforts to fill vacancies within EMD leadership and worked with the Advisory Council and Executive Committee on issues of Association governance. EMD members participated in developing the program and presented numerous papers at both the 2013 Unconventional Resource Technology Conference in Denver and the 2014 ACE in Houston; and were actively engaged in both programs for 2014, and will be for 2015.

### Highlights

- Membership growth of 3 percent between Dec. 31, 2012 and 2013, from 4,776 to 4,940, with an additional 47 new members at the end of January 2014.
- 2014 ACE Technical Program - AAPG Theme 2: Unconventional Resources - What Have We Learned So Far and Where Are We Going?
  - Five oral sessions – New Play Concept/Research, Evaluation Methods, International Plays, Tight Oil Plays, Shale Plays
  - Two poster sessions – Unconventional Reservoirs (I and II)
  - Two field trips – (1) Inside NASA Space Flight Center Houston; (2) Unconventional Petroleum Systems: A Geologic Transect Across Colorado
  - Two short Courses – (1) Handheld X-ray fluorescence: Theory, Calibration and Application to Mudrock Geochemistry; (2) Mudrock Petrology and Pore-Scale Imaging
  - EMD luncheon – The Future of U.S. Shale, Scott Tinker, Texas State Geologist
- Sponsorship of Oil Sands and Heavy Oil Symposium: A Local to Global Multidisciplinary Collaboration, a joint meeting of the Canadian Society of Petroleum Geologists and AAPG in Calgary, October 2014.
- Preparation of semi-annual reports of EMD's Commodity Committees like the 150-page report for Shale Gas and Liquids summarizing activity in dozens of basins globally in this area central to AAPG's technical and scientific mission.

- Publication of the article "Unconventional Energy Resources: 2013 Review in Natural Resources Research," and four columns in the *AAPG Explorer*.
- Publication of *AAPG Studies in Geology 64: Heavy-oil and Oil-sand Petroleum Systems in Alberta and Beyond*, edited by F.J. Hein, D. Leckie, S. Larter, and J. Suter. (May 2013)
- Publication of *AAPG Memoir 103: Critical Assessment of Shale Resource Plays*, edited by J.Y.D. Chatellier and D.M. Jarvie. product of a Hedberg Conference headed by the AAPG with the SPE and SEG, with EMD as a co-sponsor.
- Updating of the EMD procedures document to better represent roles of the leadership.

Through the Advisory Council and an ad hoc committee chartered by the AAPG Executive Committee, the EMD president worked to realign the governance of AAPG. EMD supports creation of divisions that expand the technical breadth of AAPG and meet AAPG and EMD missions to advance the science. The ad hoc committee will define options for creation of divisions, technical interest groups (TIGs) and special interest groups (SIGs), and for their integration into the governing bodies of AAPG. EMD will highlight recommendations to enhance conduct of its scientific and technical mission, such as:

- Following elimination of separate dues, AAPG should cover the cost of support staff, reducing the need for division leadership to spend time on financial rather than technical issues.
- AAPG should seek to put a division/TIGs/SIGs sponsor on as many conference sessions as can be justified, to acknowledge the contribution of members of those groups.
- AAPG should encourage divisions/TIGs/SIGs to sponsor and participate in relevant technical conferences and workshops held especially by affiliated societies.

The Advisory Council has considered merging the Advisory Council (on which divisions sit) and the House of Delegates (where they are not represented). Streamlining means fewer participants, raising concerns that led to creation of the HoD (leadership by a self-perpetuating cadre). But, are leaders staying because they love wielding power or because AAPG, Divisions, Sections and Regions can't recruit people to replace them? EMD will support governance of AAPG that

focuses as much on scientific and technical interests as on regional interests.

While it is a good time for EMD, there are challenges ahead such as enticing members to take on leadership roles, to keep up with industry trends in the commodities, to support EMD committees, and to participate in developing the technical programs that AAPG delivers. EMD faces budgetary shortfalls as noted. As the mission of EMD's Shale Gas and Liquids Committee has become a steadily larger part of the scope of the Association, acknowledgement of EMD leadership in this field has steadily waned, and sponsorship of sessions has been reduced. Unconventional plays are evolving around the globe, and EMD must maintain awareness of global activity, create products in which the technical contributions of EMD members can be realized, captured and rewarded, and thereby increase revenue for further EMD activities. EMD continues to advance the science and push the boundaries of alternative and unconventional resources. I am pleased with the progress made this year within the Division, and look forward to working with president-elect Fran Hein next year.

**Jeremy Boak, EMD President**

## Division of Environmental Geosciences

The Division of Environmental Geosciences (DEG) continued improvements in mission, membership, budget, quality of publications, program and value to members, and in participation and visibility within AAPG for the organizational year 2013-2014. The DEG also acted as AAPG lead in developing a white paper on hydraulic fracturing for use by the general membership.

### Mission

- The mission of the DEG continues to be:
- Educate the membership of AAPG and the general public about important issues that affect petroleum energy minerals exploration and production.
  - Communicate to the general public and government agencies the Association's commitment to protect the environment while developing the world's natural resources in a responsible manner.

- Support and encourage research into the effects of petroleum/energy minerals exploration and production on the environment, and make available to concerned agencies, companies, and individuals the results of these studies and recommendations.
- Apply the expertise developed in the petroleum/energy minerals industries and hydrogeology to resolve environmental problems.
- Promote environmental self-regulation within the petroleum/energy minerals industries.
- Establish a liaison between and among AAPG and other professional societies for the purposes of constructive dialogue and defining mutually obtainable goals.
- Provide relevant educational opportunities and services for professional development of the AAPG membership through seminars and conferences in environmental geosciences, hydrogeology and related fields.

This mission was promoted through our DEG and joint oral and poster sessions at the regional, national and international meetings as well as in our peer-reviewed publications, news articles and Explorer commentaries.

### **Membership**

Growth in membership has been a top priority for the DEG for the last several years. This year the DEG reached and exceeded the required number of members for voting rights on the Advisory Council, something that had been lost a few years ago. We grew by 15 percent. The DEG currently has more than 2,400 total members including more than 877 (formerly active) members. Membership growth will remain a top priority and continue into the coming years.

### **Budget**

The DEG maintains a positive balance sheet with revenue coming from our

journal publications advertising sales and from our annual membership fee. We ended this organizational year with a balance of approximately \$22,000 after expenses.

### **Publications**

The quality and scientific value of our DEG publication, *Environmental Geosciences*, and the informational and professional value of our newsletter, *Spheres of Influence*, is a high priority for the DEG and possibly our major asset. *Environmental Geosciences* is a quarterly peer-reviewed journal that includes scientific papers relevant to environmental issues in the oil and gas industry. It has been in publication since 1994 and can be referenced through all major search engines and the AAPG. *Spheres of Influence* is a quarterly newsletter inaugurated in July 2011 that addresses current events in oil and gas environmental issues, promotes the mission of the AAPG and DEG, engages members, and communicates across the AAPG divisions. We have over 30 editors in the United States, Africa, Canada, Europe, Middle East and Asia-Pacific. In 2013-14, 17 manuscripts were received and to date 8 have been or soon will be published.

Initiated at the 2013 ICE in Cartagena, the DEG was asked to lead the efforts in the drafting of a white paper on hydraulic fracturing that could be reviewed by the AAPG leadership and offered to the membership as a tool for use as necessary. A final draft has been written and is under committee review, then will go to expanded review. This is an important activity for the DEG and a valuable tool for the AAPG.

### **Program**

The DEG sponsors technical sessions, short courses and field trips. This year more than 50 DEG sponsored oral and poster papers have been presented at the national, international and regional

meetings and our short course during the Houston ACE was well attended and well received. In several DEG talks in the Pacific Section meeting it was standing room only and many of the talks in Houston were completely full. Plans have been made for expanded DEG participation at the 2015 ACE in Denver and for a topical meeting on environmental issues associated with oil and gas production to be held. Anthony Fiorillo, curator of earth science at the Perot Museum of Nature and Science, was the guest DEG luncheon speaker and a 2014 AAPG ACE highlight.

Our DEG Executive and Advisory committees are committed, active and engaged in the organization, government, and industry and are highly qualified individuals who work effectively as a team. This is a gift to any organization, and our members are actively engaging the public by providing knowledge and skills supporting environmental considerations for improved and efficient oil and gas production.

### **Participation**

This year DEG had members and/or officers at all AAPG regional meetings as well as at the ACE and ICE. Members of the DEG Executive Board participated in all but two of the meetings. In addition, the DEG was approached by many Young Professionals who want to become more involved with the program and activities of the organization.

### **Value to the AAPG and to Industry**

The DEG is providing ever-increasing value to AAPG and to industry. All that we do in the exploration and development of natural gas and oil has critical environmental components. The DEG exists to provide a forum and support for environmental stewardship for our industry and our organization.

***Douglas Wyatt, DEG President***

## Africa Region

The year 2013-14 was a very eventful year for the Africa Region. One of the major highlights of the year is the establishment of the Africa Region office after many years of planning. The Africa Region office, located in Lagos, Nigeria, currently resides in the Nigerian Association of Petroleum Explorationists' (NAPE) office building.

Delia Kuye is an alumnus of both the University of Reading, England and University of Aberdeen, Scotland was employed as the programs manager. She assumed office in October 2013 and positive effects of the AR office are already being felt.

The AR leadership continues to intensify its efforts to increase membership. The numbers of associate, student-YP and members (active) increased from 2012.

With no formal DL assigned to the AR, the Region was able to organize a Regional Lecture Program (RLP) in Lagos in Association with NAPE with Henry Posamentier in September 2013 and a joint SPE-AAPG distinguished lecture in Tunisia in February 2014 featuring by professor John G. Kaldi - AAPG's vice president-Regions.

Young Professionals' activities have grown to levels of significant advantage in

the region; with recorded increase in participation from YPs in more countries namely Cameroon, Egypt, Gabon, Ghana, Nigeria, South Africa, Tunisia, and Uganda.

Student Chapter activities also continue to witness significant growth both in terms of number of chapters and level of activities. Despite the language barrier, the Region now has 44 student chapters in Africa, with new additions from Kenya, Uganda, and Ghana.

There were 23 universities across the African continent that participated in this year's Imperial Barrel Award (IBA) competition. Africa Region finals were held in Lagos in February 2014 at Dover Hotel, Lagos. The University of Western Cape emerged winner with the faculty of science, Tunis El Manah University and University of Lagos, Nigeria taking second and third position respectively. University of Western Cape shall represent the Africa Region at the global competition in Houston in April 2014.

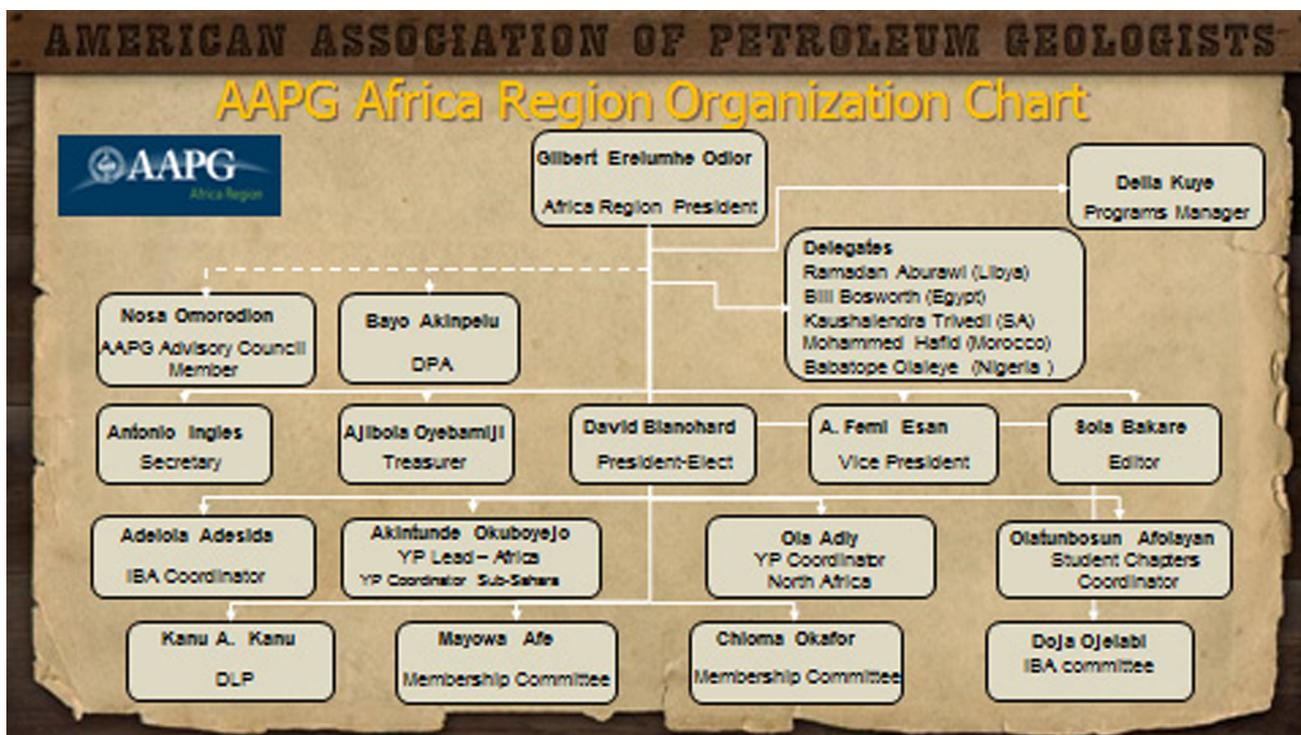
AAPG AR inaugurated the Angola on Oct. 9, 2013, at an event attended by over 200 industry practitioners including Angola's Minister of Petroleum, José M. Botelho de Vasconcelos. Also in attendance were the managing directors of Chevron, Exxon, Total, ConocoPhillips, BP, STATOIL, Schlumberger and Maersk Oil.

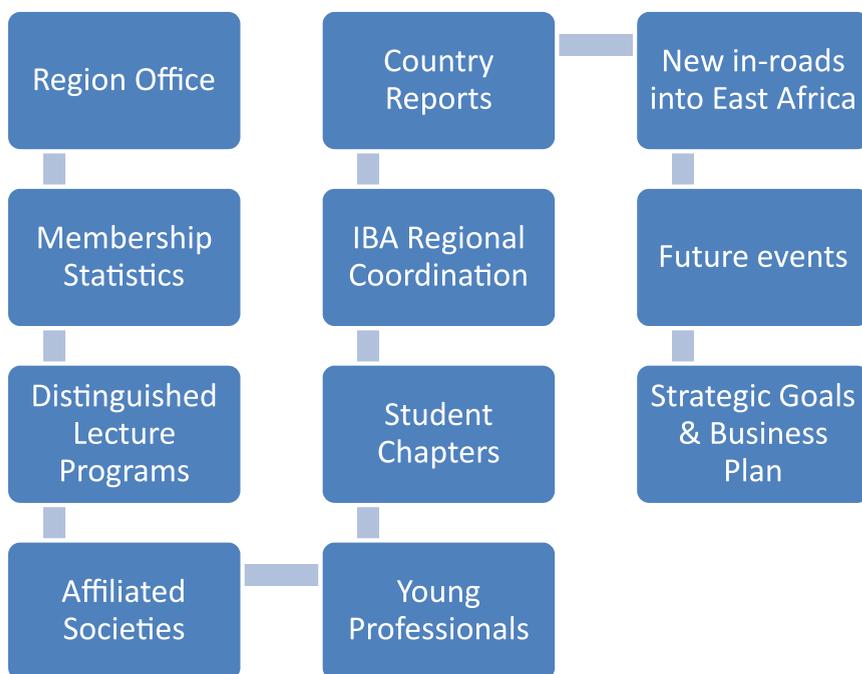
Despite all these achievement there is significant untapped opportunity to increase AAPG footprints in the African Continent. It is imperative that an official AAPG event takes place in the not-to-distant future.

### Africa Region Office, Lagos

AAPG's Nigerian affiliate, the Nigerian Association of Petroleum Explorationists, NAPE offered office space to AAPG within the NAPE Secretariat in Lagos. The office space was inspected by AAPG leadership in 2013. It measures 9 sq m and has shared amenities with the rest of the secretariat. Renting of this office space was based on an MOU between AAPG and NAPE, which was finalized and signed in October 2013. The following summarize the terms contained in the MOU.

- NAPE will charge the AR rent for the region office equal to the rent paid by SPE, with current and future rent adjustments.
- The AR programs manager will be functionally accountable to the AR Executive Committee and the AAPG headquarters, and to the NAPE Executive Director.
- AAR will pay the AR programs manager through NAPE, i.e., NAPE will pay the





#### 2013/2014 AAPG Africa Region Activities at a Glance

officer the benefits as agreed with AAR and subsequently be reimbursed by the AR for same.

- NAPE will charge the AAR an administrative fee for this service, as well as bank charges incurred by NAPE for performing the service to AAR.

Renovation was carried out by NAPE on behalf of AAPG, and the space was fitted with an air conditioner before the hiring of the programs manager in October. AAPG initiated purchase of new office furniture through NAPE and this was completed in November 2013

## Hiring of the Programs Manager

The Region leadership team conducted a panel interview to shortlist candidates in

August 2013. After review of overall qualifications Delia Kuye was recommended for the job. Delia holds a bachelor's in geology from the University of Reading, England and an master's in petroleum geology from the University of Aberdeen, Scotland. A successful telephone interview from Tulsa was also conducted for her by Carol McGowen and Alan Wegener from the AAPG headquarters in Tulsa. Delia was offered employment late September 2013 and she started in her new position at the Region office on October 3, 2013.

Upon her resumption at the new office, Delia underwent a one-week job orientation at the headquarters in Tulsa in October 2013. In her position as programs manager, Delia works closely with the leadership team. She has been involved in the development and deployment of programs and services for

AAPG Africa and assists the leadership in proffering solutions to geoscience challenges within the region. She is also involved in business development, office administration, website management, AR membership management and logistics coordination for AAPG AR activities.

## Membership

Active, associate and student-YP members have increased from year 2012 values, with student-YP numbers showing the most significant increase. Emeritus and Honorary member numbers have remained constant while student membership has shown a 20 percent decline from 2013 to 2014.

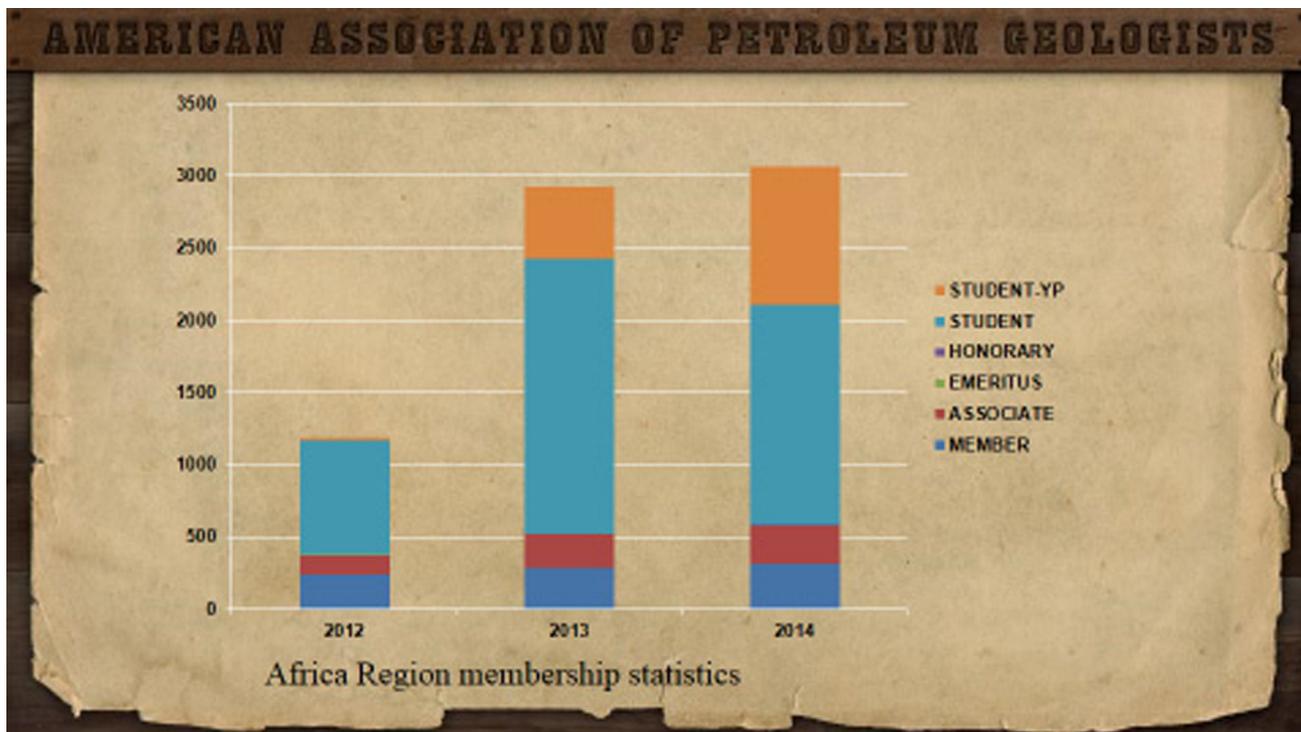
The language difference for non-English speaking Africa countries has reduced communication effectiveness across the region. Low salaries and problems with dues payment is still a major issue across countries in the region, as some local bank credit/debit cards are not accepted via the AAPG online membership payments portal. This challenge continues to impact on active and associate member figures, and also affect the planning, organization and attendance of events.

However, the presence of the newly established region office is helping to mitigate some of the challenges in the region. The frequently updated AR website, periodic email blasts, quarterly e-newsletter and social networking sites like Facebook are being employed as tools to enhance effective regional communication.

Membership payments can now be made at the office with a targeted awareness campaign of the office presence for enquiries and provision of membership support. However, remitting membership payments made at the region office to headquarters and the resulting delay in processing times remains a challenge that must be resolved between the region and headquarters to facilitate membership increase and effectiveness.

## AAPG Africa Region Membership Statistics 2012–2014

	2012	% Total 2012	2013	% Total 2013	2014	% Total 2014	% 2012–2013	% 2013–2014
Member	244	20.59	292	9.98	313	10.22	16.44%	7.19%
Associate	130	10.97	227	7.76	263	8.59	42.73%	15.86%
Emeritus	4	0.34	4	0.14	4	0.13	0.00%	0.00%
Honorary	3	0.25	3	0.1	3	0.1	0.00%	0.00%
Student	792	66.84	1899	64.9	1521	49.67	58.29%	-19.91%
Student-YP	12	1.01	501	17.12	958	31.29	97.60%	91.22%
TOTAL	1185	100.00	2,926	100	3,062	100	59.50%	4.65%



## Distinguished and Regional Lectures

The Distinguished Lecture program was discussed extensively at AAPG ACE in Long Beach, California, in April 2012. The key action item from the meeting was that a list of distinguished lecturers would be made available to the Africa Region in order for the Region to choose suitable distinguished lecturers who would potentially tour the Region during 2013. However, the Region never received any list as promised. Taking a step ahead, the Africa Region hosted Henry Posamentier in September 2013, to a regional lecture program (RLP) in collaboration with the Nigerian Association of Petroleum Explorationists, NAPE in Lagos, Nigeria. This RLP was followed by a joint SPE-AAPG distinguished lecture delivered by John G. Kaldi in Tunisia in February 2014.

### Regional Lecture, Lagos 2013

NAPE and AAPG Africa Region jointly hosted a regional lecture delivered by Henry W. Posamentier, senior exploration advisor, Chevron Energy Technology Co. The lecture took place in Lagos in August 2013. Turnout for the lecture was impressive as both NAPE and AAPG members were present.

### Distinguished Lecture, Tunis 2014

In February 2014, Professor John G. Kaldi, the AAPG vice president-regions and

an SPE Distinguished Lecturer who serves on the SPE committee for carbon capture and storage delivered a distinguished lecture on carbon capture and sequestration to a joint forum of over 82 SPE and AAPG members. This well-attended event took place at the Golden Tulip Hotel, Tunis, and provided an opportunity for exchange of ideas between engineers from SPE and geoscientists from AAPG. This is in line with AAPG's commitment towards increased involvement and collaboration with sister societies and our desire for greater inclusivity, integration and partnership. Event collaboration was facilitated by Chokri Chiboub, Tunisia SPE section chair and Professor Mohammed Hedi Inoubli, AAPG country representative.

In the absence of an AAPG distinguished lecturer, the Region is proceeding with plans for a regional lecture in September 2014 involving professor Terry Engelder – an expert on hydraulic fracturing and shale reservoirs. He is scheduled to deliver a lecture in Cairo, Egypt. The Region may extend Terry's regional lecture to South Africa. Financial and other obligations are being worked out by AAPG AR and affiliates in these countries. Corporate sponsors are also being sought to potentially take full financial responsibility for the lecture tour.

The challenge faced by the Region in obtaining a suitable distinguished lecturer has been discussed extensively various

Africa Region teleconference meetings with agreed clarity on the way forward. However, the AR distinguished Lecture committee representative, K. Kanu was absent at this year's ACE, therefore the AR vice president, Femi Esan and programs manager, Delia Kuye represented him at the distinguished lecturer committee meeting at ACE 2014 in Houston and spoke on behalf of the region.

## AAPG AR Young Professionals

Young Professionals activities have grown to levels of significant advantage in the region, with recorded increase in participation of YPs in more companies and countries. Current activities include the following.

- Networking Programs - YP Meet n Greet
- Educational Activities - Career mentoring sessions, Basin Evaluation Competition, Gain and Give program and Discover Egypt workshop series
- Student Support Activities - African Geosciences Student Conference Careers fair and AR IBA competition coordination.

### Nigeria

In Nigeria, the benefits and impact of effective collaboration were easily evident at the Young Professionals booth at the

recently concluded NAPE 2013 conference held in Lagos. YPs under the aegis of NAPE-AAPG YP had a successful outing at the conference. The feedback from participants and post-conference reflection exercise reflected the strength of collaboration. YP activities at the NAPE conference included career mentoring sessions, made up of oil and gas Industry keynote addresses, engagements by industry experts on career guidance and choice of specialization, geoscience focus and the need for it, entrepreneurial skills, financial aid and leadership skills.

Other events included the YP Meet n Greet—an informal networking/mentoring session that had over 250 people in attendance, a conference enriching event called the Barrel Odyssey and the Basin Evaluation competition. Active participation of most YPs has given rise to a more connected group of individuals willing to volunteer in the various activities of the association. Highlights of these events are to be published in the maiden edition of the region's e-newsletter.

### Egypt

The Egypt YP team launched series of educational and networking programs for the student and YP communities, which have become annual events with visible increase in participation and industry support over the years. They include

Discover Egypt, IBA Simulation, Gain n Give Program and the Al Amal training program.

### Gabon

YP activities in Gabon are currently run by Shell geologists as part of their organizational Young Professional Network group. Effort is currently geared at involving people from academia to fully integrate into this initiative. There has been an increase in the number of registered members after the first networking session, which occurred in Q3, 2012.

### Cameroon

A second Meet n Greet session for YPs and students was held in Q4 2012. There have been no newly recorded YP activities in this country. However, effort is being made to reach out to the available YPs as registered on the global membership.

### Uganda

A contact meeting is yet to be held, however we have identified with the Academia in this country especially as there exist a very active student chapter. The participants of the 2014 IBA competitions will be used as ambassadors in establishing YP and other AAPG activities in this country.

### Ghana

Student and YP activities is on the growth path in Ghana, as they have enjoyed a

first-hand opportunity of been at the 2013 NAPE conference, participated at the regional leadership summit and also were present at the 2014 IBA competition. It is hoped that these exposures with adequate support will jumpstart the country in the development of their student and YP focused activities.

### South Africa

The region has enjoyed and encouraged the yearly appearance of graduate students at the IBA competition. With South Africa representing the region at the global event, the region will be using the opportunity to generate more commitment for other AAPG, students and YP activities.

### Tunisia

Tunisia first participated in the IBA competition in 2013 with the faculty of science, University of Tunis, El Manah representing the country. In 2014 two teams from Tunisia participated in the event, indicating a growing awareness of the IBA in this country.

In January 2014, professor Hedi Inoubli, faculty advisor for the faculty of science, Tunis indicated interest in volunteering for AAPG in Tunisia. He is now country representative for AAPG and he has shown keen interest in propagating AAPG programs in Tunisia. With Inoubli onboard

**AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS**

**Region-wide YP involvement 2012 - 2014**

**AAPG Young Professionals in Africa – Country Participation**

Countries	Level of Participation 2012/2013	Level of Participation 2013/2014
Algeria	Noted	Noted
Angola	Noted	Upcoming
Chad	Noted	Noted
Egypt	Active	Active
Ghana	Upcoming	Upcoming
Libya	Noted	Noted
Mozambique	Noted	Noted
Nigeria	Active	Active
Tunisia	Upcoming	Upcoming
Kenya	Noted	Noted
Morocco	Noted	Noted
Somalia	Noted	Noted
South Africa	Upcoming	Upcoming
Tanzania	Noted	Noted
Uganda	Noted	Upcoming
Other Countries	Noted	Noted

Are you a Young Professional or Mature but Young @ heart???

And currently practicing in the Africa Region

Please join us by visiting

<http://www.aapg.org/about/aapg/overview/committees/youngpros>

[www.facebook.com/AAPGYoungProfessionals](http://www.facebook.com/AAPGYoungProfessionals)

LinkedIn – AAPG Young Professionals

Africa Region YP Lead:

[Akintunde.Okuboyejo@shell.com](mailto:Akintunde.Okuboyejo@shell.com)

■ Noted  
■ Upcoming  
■ Active

working together with AAPG AR leadership team, programs manager and YP Leads, we hope to see more AAPG student and YP activities in this country.

create an enabling environment for empowerment and capacity building in the lives of Young Professionals.

## Outlook and Strategies for 2014–2015

- The YP leadership has been split into two to increase effectiveness in coordination. North Africa is led by Ola Adly (Khalda Energy, Egypt). Akintunde Okuboyejo (Shell, Nigeria) is the sub-Saharan region lead and YP coordinator for the Africa Region.
  - The Region's goal is to increase the YP numbers by active company membership scouting.
  - NAPE and other affiliates shall be utilized as vehicles for sourcing new members into AAPG YP.
  - Surveys and questionnaire are to be generated to determine knowledge and expectations of existing and potential YP members.
  - Exposure to Updates on/Provide alerts on job opportunities for graduates/graduating students through awareness and social media publicity
  - There will also be effective collaboration with local association in their various activities towards providing student and YP education support, mentoring and Networking opportunities.
- There is no doubt that the YPs have a strategic role to play in the future of hydrocarbon exploration and development. The Region will continue to

## Student Chapters

### Student Chapters Growth

AAPG Africa Region operates in English. Only 22 out of 52 of the African countries have English as their official language (or one of the official languages). In spite of the language barriers, the Region continues to witness an increase in the number and spread of AAPG student chapters across the region. We have recorded 44 student chapters in Africa, with new additions from Kenya, Uganda and Ghana. With a number of applications recently submitted from Nigeria and Tunisia, numbers will continue to increase.

### Local-Student Chapter Leadership Summit (L-SCLS)

Following the success of the maiden regional L-SCLS organized at the 2012 NAPE Conference, the region again had 31 student leaders from Nigeria, Ghana, Uganda and Kenya come together for the second time in 2013 at the 31st NAPE AICE in Lagos. Invitees were Student Chapter members in various leadership roles and the goals of the summit were vision building, value creation and development of leadership attitudes. The L-SCLS will become an annual event for the Region and its hosting may be rotated to other African countries in the future.

### L. Austin Weeks Undergraduate Grant

AAPG Foundation for the 2013 L. Austin Weeks Undergraduate Grant was awarded to six Africa Region Student Chapters.

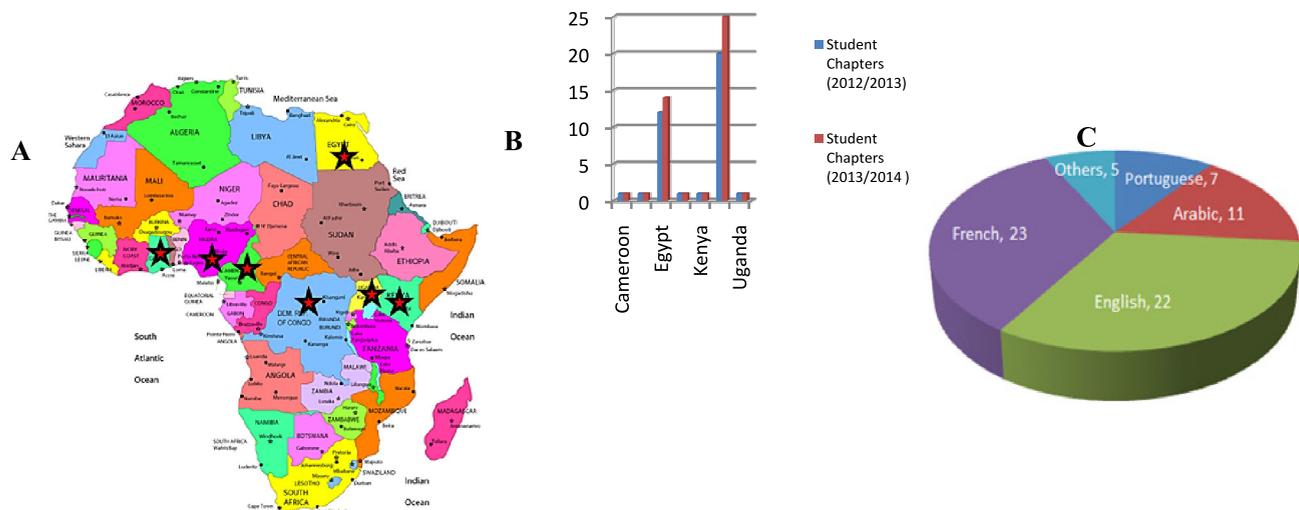
- Mohamed Gebril, Cairo University, Egypt
- Khairy Wahid, Suez Canal University, Egypt
- Tolutope Lagunju, Obafemi Awolowo University, Nigeria
- Teluwo Lukmom, University of Ibadan, Nigeria
- Faniran Oriyomi, University of Ilorin, Nigeria
- Hillary Mumbere, Makerere University, Uganda

### Visiting Geoscientist Program (VGP)

A regional visiting geoscientist team has been put together for Africa Region student chapters. Volunteers are experienced professionals and YPs who are committed to educational development and AAPG growth. Currently, we have six volunteers on this team who have shown great keenness in delivering geoscience lectures and career talks to student across the region. Visiting geoscientists shall be made available to student chapters upon request or may be assigned to universities as an industry support/mentor for membership activities and growth.

### Proposed initiatives for 2014–2015 (in planned collaboration with affiliates)

- Educational development – More student specific geoscience content that can support academic knowledge such



A. Student Chapters distribution across Africa B. Student Chapter count 2012–14 C. Language distribution in Africa.

as the Basin Evaluation Competition. Creation of an industry lecture series for schools to be delivered by geoscience ambassadors.

- Mentoring and student participation – Developing a mentoring scheme for final year students with the participation of professionals and explore the possibility of building more student participation/interest at conferences.
- Support—To provide logistics /welfare supports for student chapter activities and recognize and reward the contributions of faculties, faculty advisers and students.

### **2014 Imperial Barrel Award (IBA)**

Given the increasing number of universities participating in the IBA yearly, the Africa Region IBA committee decided to uphold the inter-regional semi-final events as a cost effective and yet more accommodating initiative to involve more participating teams in the region; hence, the northern Africa semi-final and the southern Africa semi-final events since 2013.

This year, 23 schools from Tunisia, Egypt, Uganda, South Africa, and Nigeria registered for the program. North Africa semi-finals took place in Cairo in February with the faculty of science, Tunis El Manah University taking first position, followed by Helwan University, Egypt in second place. These two schools represented North Africa in the finals of the competition.

Sub-Saharan semi-finals took place in February in Lagos, Nigeria with the University of Western Cape, South Africa coming first in this competition, followed by University of Lagos, Nigeria in second place. Both teams represented southern Africa at the finals.

Africa Region finals were held in Lagos on February 28, 2014, at Dover Hotel, Lagos. The University of Western Cape emerged winner with the faculty of science, Tunis El Manah University and University of Lagos, Nigeria taking second and third position respectively. University of Western Cape will be representing the Africa Region at the global IBA competition in Houston by April 2014.

## **Angola Country Report**

### **AAPG Africa Region—Angola Chapter Inauguration**

After months of deliberation and planning, the Angola chapter of the AAPG AR was inaugurated on October 9, 2013 at

the Hotel Tropico in Luanda. The event had over 200 attendees and they comprise professionals, students, government representatives and other stakeholders.

The Angolan Government was ably represented by Angola's minister of petroleum, José M. Botelho de Vasconcelos, who delivered the keynote speech in which he acknowledged AAPG as a world-class professional organization, and stressed the numerous benefits Angola stands to gain from this initiative. Also in attendance were the managing directors of Chevron, Exxon, Total, ConocoPhillips, BP, STATOIL, Schlumberger, and Maersk Oil. A total of about 200 people were present.

Christian Seyve of Total Angola delivered the technical presentation "Mussulo Bay: A Modern Analog for Key Angolan Oilfields." The event had the patronage and attendance of distinguished personalities including Sonangol's administrator for upstream and managing directors of Chevron, ExxonMobil, Total, ConocoPhillips, BP, Statoil, Maersk Oil and Schlumberger.

### **Field trip—Mussulo Bay**

AAPG Angola Chapter organized its first field trip on November 16, 2013. The field trip had 25 participants made up of geoscience students and earth scientists from international and local companies including BP, ExxonMobil, and Total. The field trip focused on modern wave dominated Barrier Island/Lagoon Systems of Mussulo bay being flow unit analogues for Cretaceous reservoirs of Angola. The trip was planned by members of AAPG Angola Chapter headed by Antonio (Ginho) Ingles and sponsored by Chevron Angola. Tony Lomando and Ray Garber of Chevron Angola were field instructors.

## **Egypt Country Report**

### **Imperial Barrel Award**

IBA Egypt Simulation: 2013 witnessed the third IBA simulation event, which was concluded on December 8, 2013 at Sky Resort, Cairo. Twenty-three teams from 12 universities across the country participated in the competition. The event had the Honorable Minister of Petroleum Resources of Egypt, Engr. Sherif Ismail in attendance. Also, Egypt hosted the IBA North Africa semi-finals with six Egyptian universities and two Tunisian universities participating at the event while the University of Tunis, El Manah, Tunisia emerged winner.

### **Field Trips**

A field trip was organized for recent earth science graduates by Apache Egypt in conjunction with the Al Amal training program. There were 41 students from 13 universities present.

### **Short Courses and Workshops**

AAPG student chapters benefited from short courses and workshops taught by Apache Egypt professional staff. Seven classes were taught covering seismic exploration, petrophysics, petroleum systems, well-site procedures and subsurface mapping. There were 133 students total attendance in these classes.

Discover Egypt – This is a series of workshops aimed at introducing the geology of each province within Egypt with main focus on seismic and sedimentary characterization and features of petroleum system elements. Three workshops have been successfully achieved covering the Nile Delta and Western Desert petroleum system provinces.

Gain & Give Program – This is an initiative targeted at providing more information about the various geology specialist courses to third-year students in the university. This is to ensure that they have broader appreciation of the various fields of geology as well as information on how to identify and leverage on their academic strengths. Sessions and workshops held so far include -Seismic Acquisition, Processing & Interpretation, Sedimentology, Stratigraphy, Petroleum Systems, Volumetric Calculation, Petrophysics & well logging, Human Safety & Environment, Curriculum Vitae writing and Presentation skills.

### **KAYAN Ventures**

AAPG Young Professionals "KAYAN Ventures" provides resources and expert advice for young earth scientists in Egypt interested in pursuing start-up companies specifically in the fields of alternative energy supply, mining and geohydrology.

## **Ghana Country Report**

In November 2013, two representatives from the student chapter were invited to participate in the 2013 L-SCLS in Lagos, Nigeria. The chapter representatives were Marisca Obeng (student chapter president) and Abigail Ayikwei (student chapter secretary). Both representatives of the Student Chapter returned to brief chapter members on what the summit was about and the way forward to ensure

development of the Chapter. They also encouraged new AAPG membership registration from freshmen, which has led to a significant increase in the number of AAPG student chapter members at the school since the summit last year. Jacob Kutu, faculty advisor of the University of Ghana, Legon, and Marisca Obeng, president of the University of Ghana Student Chapter were invited to witness the southern Africa semi-final competition in order to prepare the Ghanaian Schools for the 2015 IBA competition.

## Nigeria Country Report

### NAPE/AAPG – 20 Years of Affiliation

In the year 1994, AAPG/NAPE began a long lasting, cordial and mutually beneficial relationship and the year 2014 is significant as it marks 20 years of this positive and mutually beneficial affiliation. This is reflected today in the various geoscience-related activities co-hosted by both societies. Such landmark collaborations include but are not limited to Field Immersive Program, AAPG/NAPE Young Professional and Student Chapter events, educational support to tertiary institutions (journal/books donation), regional conferences (DOWAC), distinguish lecturer program, student sponsorship/financial activities such as the grants-in-aids scheme, technical and professional seminars/exchanges, membership drives.

The offer by NAPE to provide office space for AAPG in Africa within her secretariat and the opening of AAPG's Africa Region office within the secretariat in Lagos in 2013 also reflects the long-term cordiality between both associations. With the Region office fully functional and the programs manager on board, the Region's leadership targets greater levels of collaboration with other affiliates within the region such as is shared with NAPE.

### Student and Young Professionals Activities at 2013 NAPE AICE

NAPE/AAPG AR jointly hosted the Local Student Chapter Leadership Summit (L-SCLS) and Young Professionals events at the NAPE AICE in November 2013.

L-SCLS invitees were Student Chapter leaders. The summit provides the students the opportunity to network and be inspired through contact with young and experienced geoscience professionals. Other registered students present at the

conference were engaged in a career mentoring session, which was geared towards assisting them in career choice. Students and YP Participants learned more about industry specialization, such as exploration and operations geology, as well as industry software demo sessions. Selected industry experts from Shell, Chevron, ExxonMobil, Transocean, Baker Hughes, Degeconek, Sinopec-Addax to mention a few. Resume writing workshops and mock interview sessions were organized for the benefit of participants. The students and young professionals also enjoyed a cocktail and freestyle mentoring evening during the conference. It was an opportunity for learning and collaboration. Young geoscience professionals were matched with students and engaged in focused discussions related to growth opportunities within the earth science discipline.

### NAPE/AAPG YP Get-Together, 2014

A mini get together was organized by the NAPE/AAPG YP and Student Committee members at Terra Kulture Restaurant in Victoria Island, Lagos. The get-together was organized to engender social networking among the YP committee members and create an opportunity to reflect on previous achievements. It also provided a rare opportunity for the YPs to cultivate, sustain and champion a renewed impetus for an eventful 2014.

The event was a joyful occasion and refocused YP energy. It had in attendance Gilbert Odior (AAPG president, Africa Region), Mrs. Doja Ojelabi (NAPE president) and other YP committee members.

The NAPE/AAPG YP team has been at the forefront of bridging the gap between students and young oil and gas professionals thereby creating an enduring platform for the YPs and students to actualize their dreams of positive contribution to the development of the oil and gas industry.

Apart from the fantastic activities and events organized by NAPE/AAPG YPs in previous years, there are a lot more career motivational activities in the offing for 2014, which will assist in creating a knowledge sharing atmosphere between students and young Oil and Gas professionals.

### AAPG AR & NAPE Leadership with YPs at TerraKulture, Lagos

The Exciting World of Geology initiative was designed by NAPE/AAPG Young Professionals as a geoscience outreach program targeted at high school students

particularly across the African Region. The objective is to create early awareness and encourage possible interest in pursuing a career in the geosciences.

The outreach initiative started out with educating student leaders who attended the SCLS training and at the YP booth sessions at the 2013 NAPE conference in Lagos, Nigeria on the need to introduce the exciting world of geology to secondary schools across Africa. Each student chapter was given a minimum of three (3) CDs entitled "Exciting World of Geology" containing presentations and ten (10) geoscience video clips. The student chapters were then charged to have career talks in 5 to 10 secondary schools in their vicinity within one year.

The outreach was also introduced to students, YPs, lecturers and industry professionals during the Africa Region IBA 2014 final competition in Lagos. Using the IBA platform provided the opportunity to carry this initiative to other countries in Africa with the help of the participants involved.

## South Africa Country Report

In 2012, an IBA simulation competition was organized among 10 postgraduate petroleum geosciences students at the University of Western Cape. Students were grouped in threes and provided IBA data from previous years for evaluation. A similar IBA simulation competition was arranged in 2013 and the event has come to stay. Fifteen students participated in the 2013 competition. The top four participants in the 2013 IBA simulation represented South Africa in the Africa Region IBA competition held in February. Following the success of the South African team at the 2014 AR IBA competition, faculty advisor for the University of Western Cape, Opuwari Mimonitu has committed to making greater effort to create a student chapter at the university. On addition, Tim O Sullivan has been invited to deliver a series of lectures on Petrophysics at the geoscience department, University of Western Cape in 2014.

## New In-Roads into East Africa

AAPG AR successfully established a student chapter in Uganda and Kenya in 2012. Following their establishment,

student chapter presidents from these countries were invited to participate in the L-SCLS in November 2013. Attending the summit gave these representatives a renewed zeal, drive, and a new focus for developing the AAPG student chapters in their respective countries. Upon their return from the summit, these chapter representatives organized short seminars within their departments at which new student members for AAPG were registered, leading to a significant increase in AAPG student membership in their respective universities. AAPG AR leadership team and programs manager have also been working hard at building rapport with faculty advisors of these chapters for the purpose of having an effective and sustained, long term communication in this newly established region.

The participation of Makerere University, Uganda in this year's IBA has also provided a vital link, which the region shall fully exploit for the development of YP focused activities in this country.

## Future Events

AAPG operates in English, and only 22 of 52 African countries use English as official language. Many national geoscience associations in Africa are not AAPG affiliates, and there is a low level of interaction among geoscience associations in Africa. These challenges to mention a few have created significant barriers to the hosting of regional AAPG workshops and conferences. The region is working towards having more AAPG representatives across Africa and achieving greater levels of collaboration with sister societies and affiliates so as to have a better foothold in achieving her goals on the continent, including those of hosting more local and regional events.

### 2014 AGSC

This year's AGSC summit themed "Exploring the Depth and Breadth of the Geosciences" took place May 20-24 at Kwame Nkrumah University of Science and Technology, Kumasi, Ghana. The summit will feature paper and poster presentations, a near-surface summer school, a field trip to an impact crater, short courses, workshops, special sessions on career development, and networking sessions.

### NAPE Mini Conference

AAPG's Nigerian affiliate, NAPE, hosted a mini-conference for tertiary institutions in

association with the Department of Geology, University of Port Harcourt. The conference themed "Enhancing Geoscience Education to Meet Future Energy Demands" took place at the University of Port Harcourt June 5-8, 2014. A pre-conference field trip on "Sedimentology of the Anambra Basin" shall also take place.

### Short Courses and GTWs

AAPG AR provided short courses within Nigeria in collaboration with their Nigerian affiliate, NAPE in mid-2014 to commemorate the 20-year affiliation of NAPE with AAPG. Considerations are also being made towards hosting an APPEX in Egypt and a GTW in Ghana later this year.

### Regional Conference

This is targeted to be an AAPG led conference in partnership with sister societies including EAGE, SEG, and SPE. It is currently conceived to be multidisciplinary, bringing together geoscience and engineering and shall be supported by IOCs, NOCs, technical service providers, local companies, and geoscience societies. With the AR having made new in-roads in Uganda and Kenya as well as a rapidly developing energy sector, East Africa will likely be the location for this conference. Nairobi, Kenya is being considered for the event as there are hotel facilities available which can support a conference capacity of 500-700 delegates. The Region plans to hold the conference between late 2015 and 2016. Holding a GTW prior to a Region event was discussed as an Ice Breaker, to test keenness for such events in East Africa.

## AAPG-AR 2013-2015 Strategic Goals and Action Items

### Membership

1. Goal: Increase active AAPG membership throughout Africa by developing a system whereby AAPG members or new members can always use local currency (credit or debit card, cash) to pay their dues.
  - Action Item: develop option of having members pay in local currency through the affiliated societies or via online system such as PayPal.
2. Goal: Reduce the number of Africa Region suspended members by 5%

per year (current members who will be dropped for non-dues payment).

- Action Item: Obtain from AAPG headquarters updated list of members in danger of being suspended or recently suspended for non-dues payment plus instructions on steps to reinstatement. (headquarters staff)
  - Action Item: Develop personalized letter from Africa Region Leadership encouraging colleagues to pay outstanding AAPG dues in order to retain membership. (president, immediate past president)
3. Goal: Increase the number of Africa Region voting Members by 7% per year by encouragement and sponsorship of qualified Associate members (associate members with one year or more industry work experience who are current on AAPG dues payment).
    - Action Item: Each Region leader should take responsibility for analyzing AAPG membership database to identify coworkers within their company eligible for upgrade from associate to full member status. (all region leadership)
    - Action Item: Develop a plan appropriate for each company to contact, encourage and assist coworkers to upgrade their AAPG membership.
    - Action Item: Hold an annual all-Africa Region membership meeting during ACE to discuss membership and facilitate AAPG Member sponsors to sign application forms.

### Students

4. Goal: Replicate the Local-Student Chapter Leadership Summit (L-SCLS) model successfully implemented at the 2012 and 2013 NAPE Conference in a new Africa Region target country each year.
5. Goal: Promote and Support Educational programs to 12 schools in the Region for knowledge sharing/networking opportunities and importantly to share the values and benefit of AAPG.
  - Action Item: Involve faculty advisors to identify specific and most pressing gaps in their student chapters.
  - Action Item: Form a team that will map these schools and source for industry support especially for teaching aids and professional availability, and key into schools' geoscience week program to deliver

- lectures, field trips, short courses, workshops or mentoring activities.
6. Goal: Increase number of student chapters from 31 to 50 by December 31, 2015
    - Action Item: Encourage participating universities in IBA program to start student chapters if there is none existing in their university.
    - Action Item: Continue to make personal contacts in universities and countries with no student chapter, including Region leadership visits to local universities.

### Young Professionals

7. Goal: Increase membership of YP in the Africa Region by 10% per year by encouragement and sponsorship of Student members to move to associate members as soon as they are qualified.
  - Action Item: Work with Antonio Ingles to facilitate an Angolan YP event/ reception in 2014.
  - Action Item: Develop a plan to inform current student members about the Student-YP Bridge, whereby membership dues are \$10 per year for the two-year period immediately following university graduation.
  - Action Item: Have the northern Africa and southern Africa YP Reps attend the YP Leadership Days to be trained first hand at the Global YP event in preparation for their leading roles in North and South Africa zones.

### IBA Program

8. Goal: Increase the number of countries and universities participating in the IBA Competition.
  - Action Item: Rotate the location of the regional IBA finals event on an annual basis to broaden the base of participating companies, members, and universities.
  - Action Item: Encourage previously non-participating universities and colleges to organize IBA Teams.
  - Action Item: Encourage participating universities and colleges to give academic credit for IBA participation or otherwise, incorporate IBA into existing course curriculum requirements.
  - Action Item: Develop a plan to increase publicity and awareness of the IBA program by showcasing benefits of IBA participation at affiliate society meetings, Regional events, etc.

9. Goal: Increased funding and sponsorship base for the IBA program
  - Action Item: Increase the sponsorship base using AAPG AR network.
  - Action Item: Invite companies operating in each country to mentor and financially sponsor an IBA team from their country.
  - Action Item: Work on getting two-five year sponsorship commitments from companies.

### Education/Professional Development

10. Goal: Host at least one regional technical conference annually.
  - Action Item: Move forward with contacts in Ghana to assess feasibility and optimal dates for a 2014 GTW.
  - Action Item: Develop a plan for an Africa Region conference similar to the recent successful European Region conference (in Barcelona) either as an AAPG stand-alone or jointly held with the SPE and/or SEG. Assess feasibility and appetite of each society for holding a joint conference. Possible venues: Ghana, Egypt (Sharm el Sheik), Kenya, Ivory Coast.

### Region Leadership Development

11. Goal: Promote cohesive, diverse Region leadership team.
  - Action Item: Continue in the scheduling of monthly teleconferences among Region officers, delegates and committee chairs.

### Distinguished Lecturer/Regional Lecturer Program

12. Goal: Develop a lecturer program that will service all industry-active countries in Africa.
  - Action Item: Request funds for bona fide AAPG distinguished lecture program.
  - Action Item: Working with affiliated societies and local companies in a cost-sharing arrangement with the Region; plan and execute two regional lecturer tours

**Gilbert Erelumbe Odior, FNAPE  
President, AAPG Africa Region**

## European Region

The last twelve months have been another successful year for AAPG in the European Region. The organization has continued to build on the success of recent years. The year can be summarized by the following highlights:

- Regional membership continued to grow – by an impressive 28% in the last year.
- We held our largest regional conference in Barcelona with over 500 attendees.
- The 2014 APPEX meeting in London was the best ever attended with over 700 delegates and exhibitors.
- The European Region IBA competition involved the largest number of university teams (26) ever with representatives from all parts of the region.
- The range and number of geoscience topics and events continued to broaden and expand in more locations throughout the region.
- The region continued to modernize and globalize its procedures and events with an increasing number of student chapters and more young professionals serving the organization as officers.

Throughout the year I continuously canvassed the views of our members and encouraged all members of the Regional Council to do the same as we strive to deliver the products and services that our membership requests while balancing this goal with those of the larger organization. Our two guiding principles continue to be the delivery of great geoscience to our members while safeguarding the future health of the AAPG with a clear focus on recruitment; and there are clear indications of success in both of these areas.

During the year the Region held four geoscience technical workshops (GTW) in Italy, Georgia, and the United Kingdom on topics ranging from induced seismicity, through carbonate petroleum systems to carbon capture and sequestration. In addition to the largest ever regional conference, which was held in Barcelona, we were involved in the 3P Arctic conference in Stavanger, which was very well attended. The global APPEX meeting in London is now a well-established event in the oil industry calendar as evidence by the record numbers attending this year and also we held a further regional APPEX meeting in Athens, Greece during the year. Our mission to deliver great geoscience was further augmented by two very successful Distinguished Lecturer tours by Terry Engelder and Pat Corbett who between them visited 32 cities in total.

Our activity plan for the next year will continue to focus on geoscience delivery

with GTWs and core workshops planned in Italy and the United Kingdom; global and regional APPEX meetings in London and Istanbul; and our support of the Istanbul ICE, which will be followed by our regional conference in Lisbon in 2015.

Our focus on the recruitment of the petroleum geoscientists of the future has led to a significant increase in the number of student chapters in our region and our provision of over 35,000 Europeans to support student awards and events throughout the region. We plan an equally successful self-funding IBA regional final in Prague next year and an extension of our DL program, which acts as one of our most effective recruiting tools. The motion passed at the House of Delegates this year to reduce the requirement of membership support to a single sponsor will greatly assist in our recruitment of new members of all levels of experience.

I am continually impressed by the commitment of our members and volunteer officers and was delighted to see that this was recognized by the global AAPG leadership with the Distinguished Service Awards to three members from the European Region:

- Grover Murray Award to professor Joe Cartwright.
- Honorary membership being bestowed on Istvan Berczi for the outstanding service he has given to this organization throughout a number of years. Our goals for the future are clear:
- We will continue to improve and expand the dialogue with our members and evergreen the Value Proposition of AAPG membership.
- We will deliver great geoscience and expand our services in response to demands from our membership and use the full range of methods and means at our disposal to do so.
- We will support all moves to make the organization more modern and efficient.
- We will continue our recruitment drive to ensure the future health of the global AAPG organization.

### **Keith Gerdes**

#### **AAPG European Region President**

## **Eastern Section**

### **Appalachian Mudrocks Symposium and Student Job Expo**

The AAPG Eastern Section held a special meeting, the Appalachian Mudrocks Symposium in November 2013, in Morgantown, West Virginia. The Appalachian Mudrocks Symposium

highlighted the best presentations from the AAPG ACE in Pittsburgh, along with new and exciting presentations on the Utica and Marcellus Shales in the Appalachian Basin. Over 120 professionals attended this one-day event to hear a total of eight presentations on mudrocks in the Appalachian Basin.

Preceding the Appalachian Mudrocks Symposium, the Eastern Section held a two-day Student Job Expo. Over 90 students attended the Student Job Expo, with eight companies interviewing students. A Student Chapter Leadership workshop and a student poster session was held. The focus of the Student Chapter workshop was to teach techniques to build AAPG student chapters. The workshop had 37 students from nine chapters attend from around the Eastern Section.

### **Honors and Awards**

During the luncheon at the Appalachian Mudrocks Symposium, the Eastern Section presented its annual awards for 2013:

- Honorary Member: David G. Morse
- Distinguished Service Award: David E. Harmon
- George V. Cohee Public Service Award: Beverly Seyler
- Gordon H. Wood Jr. Memorial Award: Ronald L. Martino
- Outstanding Educator Award: Gordon Baird
- Division of Environmental Geosciences Meritorious Contributions Award: Tom J. Temples
- Presidential Award: Gregory R. Wrightstone
- A.I. Levorsen Memorial Best Paper Award (2012): Hannes E. Leetaru and Robert Finley
- Margaret Hawn Mirabile Memorial Best Student Paper Award (2012): Taylor G. McClain
- Best Student Poster Award (2012): Seth J. Workman and G. Michael Grammer
- Vincent E. Nelson Memorial Best Poster Award (2012): Brian Slater and Langhorne (Taury) B. Smith Jr.
- Ralph L. Miller Memorial Best Energy Minerals Division Paper Award (2012): Jackie Reed, Stephen Brown and John Zumberge
- Energy Minerals Division Best Poster Award (2012): Clifford Kelley
- Division of Environmental Geosciences Best Paper Award (2012): Jared T. Freiburg and Hannes E. Leetaru
- Division of Environmental Geosciences Best Poster Award (2012): Kyle W. Siemer and Richard Becker

### **New Officers**

New officers were elected at the Appalachian Mudrocks Symposium. The new officers include James McDonald, president; Joan Crockett, vice president; Langhorne "Taury" Smith, secretary; newly elected to Eastern Section Executive Committee is Craig Eckert, treasurer. Pete Mackenzie was elected Eastern Section representative to the AAPG Advisory Council. His term began July 1, 2013 and runs through June 30, 2016.

### **Eastern Section Teacher of the Year**

For the second year in a row, the Eastern Section Teacher of the Year was named the AAPG Foundation Teacher of the Year at the AAPG ACE in Houston, in April 2014. Heather McArdle is an award-winning geosciences teacher from Mahopac High School in Mahopac, New York. She has been described as an incredibly creative and dedicated geosciences teacher, who is also the author of three geosciences lab manuals for secondary school classes.

### **Imperial Barrel Award**

The Eastern Section AAPG imperial Barrel Award competition was held in March 2014, in Pittsburgh. Seven teams competed: Boston College (BC); Kent State University (KSU); Penn State University (PSU); University of Kentucky (UK); University of South Carolina (USC); University of Wisconsin-Madison (UWM); and West Virginia University (WVU). The PSU team won first place and represented the section at the finals at ACE in Houston in April 2014. The WVU team took second place and the USC team took third place.

### **New Initiatives**

At the Eastern Section Council meeting held in April at the ACE 2014 meeting in Houston, a number of new initiatives were approved. These initiatives include increasing the Teacher of the Year award, giving presentation travel grants to students presenting at the AAPG ACE, and making annual contributions to the two Eastern Section Grants-in-Aid at the AAPG Foundation.

### **Jim McDonald**

#### **Eastern Section President**

## **Southwest Section**

The Southwest Section (SWS) of AAPG includes nine affiliate societies scattered across the north central Texas, west Texas

and the southeastern New Mexico. The 2013-2014 SWS board set several lofty goals that included such topics as the students, young professionals, membership, communications, conventions and budget. The following 2013-14 achievements included the following. 1. Establishing a stronger rapport with the colleges and universities in the SWS AAPG

1. We grew from five to nine student AAPG chapters.
  - We grew from one to four IBA school teams along with more financial support ~\$9,500.
  - We increased our scholarships from a few thousand dollars to over \$10,000 (awarded to nine graduate students and one undergraduate).
  - We awarded \$2,500 in scholarships to three students who made presentations at the SWS annual convention.
2. Supporting and integrating our Young Professionals into the SWS AAPG
  - We now have two YPs on each of our SWS committees.
  - We have two active YP groups: one in the Dallas-Fort Worth area (~200) and one in the Midland-Odessa area (~30).

- The YPs are active and participating in many events and helping to move students and associates to members of AAPG.
3. Working with our affiliate societies to strengthen their membership and activity as an AAPG affiliate society.
  4. Working with all our board, committees, student groups, young professionals, and affiliated societies to utilize the SWS website to communicate with our membership the many events and opportunities available to them.
  5. Making sure we hosted a great convention
    - Our convention was May 11-14. We hosted one field trip, one short course (free to all SWS members), two-and-one-half days of presentations, an all-convention luncheon, DPA luncheon, and two great evening events.
    - We had 633 attendees.
    - We had 39 exhibit booths.
  6. Assembling an operating manual that includes all the board positions, committee chairs and other key positions within the SWS. We are working on a convention operation manual, which we hope to have completed by this fall.

7. Establishing a budget early in the year that helped the board see that they could support more scholarships this year and still maintain a healthy balance sheet.

Southwest Section Awards given out in 2014 were:

- A.I. Levorsen Memorial Award: Tom Ewing, Frontera Exploration Consultants, San Antonio.
- A.L. "Al" Cox Best Poster Award: Johnathon Bogacz, University of Texas at Arlington.
- Monroe G. Cheney Science Award: David Feavel, Exl Petroleum, LLC., Midland, Texas.
- John Emery Adams Distinguished Award: Charlotte Klenk, independent, Dallas.
- Distinguished Educator Award: John Wickham, University of Texas at Arlington.
- Special Commendation Award Award: Sam Samford, Suttles Logging, Midland, Texas.

Thanks to the board, the committee members and all the other volunteers, SWS is strong and vibrant.

**David J. Entzinger**  
**AAPG SWS President**

## Astrogeology

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

### Objectives

Organizing symposia at AAPG and professional meetings, recommending speakers for distinguished lectures, publications, technical sessions and astrogeology field trips, and acting as liaison with groups having similar interests such as NASA. All who are interested in astrogeology, planetary science, and their applications to energy and resource issues are invited to join the Astrogeology Committee.

### Relevance

The Astrogeology Committee supports the development of space resources. Comet composition provides a starting point for understanding the origin and evolution of Earth's oceans. Recent interest in mining rare earth elements and platinum group metals from asteroids and helium-3 on the moon is facilitated by our understanding of the origin and economics of terrestrial ore deposits.

### Major Goal in 2013–2014

This goal is to establish partnerships with the private space industry to promote exploration and development of space energy resources. Institutional and private space-related products and services are estimated to include 120,000 full-time-equivalent positions, generating \$150 billion annually. Private space companies

comprise a \$10 to \$17 billion industry per year with 8%-15% annual growth rates. SpaceX is developing the Falcon 9 and Dragon launch systems with Orbital Sciences contributing equipment and services. Lockheed-Martin and other firms are expanding launch capabilities.

### Other Activities

1. Arranging symposia at AAPG conventions that emphasize astrogeology and exploration for energy resources.
  - Astrogeology Committee member Mike Raines coordinated an astrogeology session at the annual 2013 meeting of the West Texas Geological Society in Midland, Texas. Speakers included representatives from the space industry and members of the Astrogeology Committee.
  - The Energy Minerals Division and the Astrogeology Committee sponsored a field trip to NASA at the 2014 ACE in Houston. Led by Bill Ambrose and Bruce Cutright, the field trip had 60 attendees and featured lectures from Apollo 17 astronaut Harrison Schmitt and Shuttle astronauts Jim Reilly and Drew Feustel.
  - The Division of Professional Affairs and the Astrogeology Committee sponsored a well-attended session at the 2014 ACE convention in Houston. The "Space and Energy Frontiers" session, which had more than 120 persons at peak attendance, explored energy and materials resources on the Moon, Mars and the asteroids and their strategic importance to human settlement in the Solar System.
2. Establishing a series of AAPG Astrogeology student chapters in conjunction with the AAPG Student Chapter. Their goal is to link interested students with professionals in the aerospace and planetary science community. Activities include technical meetings with guest speakers and astrogeology projects. Matt Duncan, Astrogeology Committee student liaison, and committee co-vice chair Darwin Boardman lead these efforts.
3. Co-chair Jim Reilly served as an invited panelist for future policy challenges at the AGU Science Policy Conference in Washington, D.C., in June 2014, a direct result of the ACE session presentation in Houston in April 2014 and AAPG Memoir 101.

### Astrogeology Committee Membership and Leadership

The Astrogeology committee, which conducts business via e-mail and at annual AAPG conventions, welcomed new members Martin Messmer, Dave Eby and Ken Wright. Jim Reilly and William Ambrose served as co-chairs. Darwin Boardman and Doug Peters served as co-vice chairs. Charles and Linda Sternbach were co-vice chairs for the 2014 ACE in Houston. Harry Mueller serves as the vice chair for 2015 ACE in Denver, with Doug Peters as facilitator. Matt Duncan is student liaison, Ronald Hart is AAPG staff liaison officer, and Laura Zahm is committee manager. Richard Ball is AAPG EC liaison.

### Website

The Astrogeology Committee's website includes its mission statement, goals, business plan, committee member information, calendar of events, convention activities, abstracts, presentations, calls for papers and PowerPoint presentations. We appreciate the services of Janet Brister at AAPG who designed, created and updates the website: <http://www.aapg.org/committees/astrogeology/index.cfm>.

### William A. Ambrose and James F. Reilly II, Co-chairs

Committee members: M. Lee Allison, William A. Ambrose (co-chair), Dieter K. Beike, Richard William Ball (EC liaison), Darwin Rice Boardman III (vice-chair), David B. Buthman, David G. Campbell, Michael D. Campbell, Philip Jan Cannon, Charles A. Caughy, Donald Dean Clarke, James L. Conca, Douglas John Cook, Bruce Lee Cutright, Christopher Matt Duncan, David Eugene Eby, Stacey Coleen Evans, Sean Sandifer Gulick, Ronald L. Hart (staff liaison), Arthur H. Johnson, David T. King, Jr., Thomas C. Klekamp, Martin L. Messmer, Lorena Moscardelli, Harry William Mueller III, Prasanta K. Mukhopadhyay, Seiichi Nagihara, Karl Steven Osvald, Douglas Cameron Peters (vice-chair), Brian P. Pitts, Michael A. Raines, James F. Reilly II (co-chair), Harrison Hagan Schmitt, Kadir Analisa Singh, Charles Alan Sternbach, Linda Raine Sternbach, Herbert A. Vogler III, Kenneth Lee Wright, and Laura Cutright Zahm (committee manager)

## Distinguished Lecture

*The function of the Distinguished Lecture Committee is to select lecturers and instructors speaking on important and timely geoscientific topics that provide knowledge transfer between the Association, affiliated societies, and academia and serve the educational needs of its members by providing outstanding lectures. To reach these goals the Distinguished Lecture Committee identifies topics that support science-based business decisions; showcases the state-of-the-art technology and concepts utilized in the oil and gas industry to academia; works with the Regions in developing a regional program of distinguished lectures; encourages lecturers to develop their presentations into proposals for Special Publications or into manuscripts to be submitted to the Bulletin; works with the Education Committee in encouraging lecturers to develop their presentations into workshops; works with other professional societies, such as SPE, SPWLA, SEG, and EAGE, in sponsoring inter-society distinguished lecturers.*

The function of the AAPG Distinguished Lecture Committee is to select outstanding speakers that will provide lecture tours to affiliated societies and academia on timely subjects relevant to the AAPG. The committee was co-chaired for the term covered by this report (June 2013- June 2014) by Katherine A. Giles and Ole J. Martinsen with administrative support provided by Lorry Oldefest. Matt Jackson and Craig Shipp served as vice chairs. A major change in the last year has been the merging of Domestic and International Distinguished Lecturer committees into one Global Committee with a global candidate list. Another goal has been to more efficiently put speakers out on tour to the international regions.

A key goal for the DL Committee over the last year has been to implement and operationalize the organizational consolidation of the North American and International DL committees into one single global committee, approved by the Executive Committee at the 2012 ACE in Long Beach. In practice, this organizational change is now effective, and there was only one global committee meeting at the ACE in Houston this spring. This has large benefits in terms of coordinating globally and ensuring that all regions are treated equally in terms of access to qualified and selected speakers. The consolidation has also meant that the DL meetings are more time efficient and much less redundant. Challenges have existed in some regions

in terms of selection and execution of tours, particularly those outside North America. Measures thus had to be taken to secure equal influence and access to speakers. The committee has had and still should have a clear ambition to expand the Distinguished Lecturer programs to have more presence worldwide. Nevertheless, for some regions, such as South America, Africa, and in long periods the Asia-Pacific Region, have none or too few speakers. The European Region, despite a very high activity level, also has had too few speakers, although special emphasis has been placed on selecting speakers for this important region for AAPG growth.

Another important goal for the DL committee this year was to increase the number of universities that DLs visited in order to forge a stronger relationship between academia and the petroleum industry. The committee decided to waive the \$300 fee requested of universities for receiving a DL. The thought was that with today's very tight university budgets the cost might be prohibitive for many university programs. The 2013-14 DL schedule saw a 41% increase in university participation in the DL program. This significant increase suggests that elimination of the fee was a successful strategy and should be continued if possible.

Nine speakers toured the North American region from September 2013-May 2014 covering a vast range of topics from ethics to environmental challenges and earth systems modeling. The total number of speaking engagements was 76, including universities and local geological societies. Thirty-four states and provinces were visited and the average number of attendees per talk was 50. The chairs consider the North American tour yet again to be a major success. Some challenges still exist. To make the North American tour fully "international," more non-North American lecturers should be selected for this tour. In the last year, there was only one out of nine. In addition, new topics of interest to the general geological community should be considered that bridge the perceived lack of communication between the energy industry and the general geological community. This is important for a sustainable impression that AAPG also is focused on building a sustainable energy future.

Four speakers went on tours outside the United States. Among them was the Shell Distinguished Lecturer, Al Fraser. Professor Fraser toured Canada, as desired by Shell and his stops included Calgary, Halifax, Kingston, and London (Ontario). The Shell DL is selected from the regular DL voting

process. The Shell DL subcommittee is operational, but its composition should be reviewed by the new DL chairs in cooperation with the sponsor (Shell) and AAPG staff.

Three other speakers toured international locations outside North America. They visited 13 countries and made 32 talks. Two of the speakers, Patrick Corbett and Terry Engelder toured Europe, while Phil Resor toured Australia. The talks were generally very well attended (45 people on average). For these regions, it is fair to state the number of speakers is way too low and the committee has not been successful in expanding the DL program efficiently to regions beyond North America. There are several reasons for this:

- A much closer cooperation with the European Region as well as the Asia-Pacific Region is needed to set a clear and sustainable schedule for speaker regularity.
- Logistical and security challenges are greater at least in the Asia-Pacific Region to send speakers out on long tours (tours are generally much longer in this region and speaker flexibility is needed to a much larger extent to be able to take time off from employers).
- The DL committee, AAPG HQ, and region representatives need to work with a set number of responsive and reliable local representatives to ensure long-term planning and execution of the tours.
- The AAPG DL Committee needs to plan for and target a higher number of speakers to do dedicated tours to regions outside North America.
- All tours should be handled by the DL tour coordinator at AAPG HQ. The International DL selection process is challenging as outlined in last year's report. The purpose of the organizational changes is to provide the regions with more influence on the DL selection process.

The current DL chairs will pass the torch to the new incoming co-chairs Matt Jackson of Imperial College, London and Craig Shipp of Shell. This has been a challenging but very interesting task as a volunteer in the AAPG organization. The world is large, and new and different challenges will be put on the new co-chairs to deliver a great series of AAPG Distinguished Lecturers in the next three years. We trust and hope that the conscientious steering and changes we have made will make a good basis for their efforts.

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

Committee members: Salem Mohammed Al-Baker, Janok P. Bhattacharya, Katherine Giles (co-chair), Harris Scott Cander, April Stuart (staff liaison), Matthew David Jackson, John George Kaldi (EC liaison), Ole J. Martinsen (co-chair), James S. McGay (committee manager), Susan Smith Nash (staff liaison), Lorry Oldefest (staff liaison), Martin A. Perlmutter, Greg Schoenborn, R. Craig Shipp, Toni Simo, Mark David Sonnenfeld, and Carl Kristian Steffensen.

## Ethics

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

*The Ethics Committee may conduct an investigation to reasonably and thoroughly investigate the charges. If in the judgment of the Ethics Committee and after consultation with AAPG legal counsel, the evidence supports further action by the Association on the charges, the committee prepares and files with the Advisory Council at Association headquarters formal charges against the accused member. Upon such filing the chairman of the Advisory Council appoints a hearing body from the Advisory Council members and the Ethics Committee appoints one of its members as the prosecutor. The grievance procedures are described in the AAPG Bylaws. The existence of allegations against any member, and the basis and content thereof, is confidential.*

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

*vote, one (1) person to serve in that capacity.*

The Ethics Committee has had another quiet year with no complaints of ethics violations brought before the Committee during 2014. We should be pleased that our membership has displayed such exemplary behavior. Our current Distinguished Ethics Lecturer, Donald D. Clarke, has completed a very active first year on tour. His lecture titled "Hydraulic Fracturing and Earthquakes: Ethically, How Do We Move Forward and Do the Right Thing?" will have been presented more than 34 times in the year running June 2013 through June 2014.

To view the abstract of Don's talk go to [www.aapg.org/career/training/in-person/distinguished-lecturer/abstract/articleid/3075/hydraulic-fracturing-and-earthquakes-ethically-how-do-we-move-forward-and-do-the-right-thing](http://www.aapg.org/career/training/in-person/distinguished-lecturer/abstract/articleid/3075/hydraulic-fracturing-and-earthquakes-ethically-how-do-we-move-forward-and-do-the-right-thing)." Don will wrap up his second year of the Distinguished Lecture tour in June of 2015. Planning is under way for the Distinguished Lecturer for the following two-year tour, which will run from July 2015 to June 2017.

I want to thank my 2013-2014 committee members Michael Fogarty, Norman Hyne, Robbie Gries and Clint Moore, as well as John Kaldi (EC Liaison), Jim McGay (committee manager) and David Curtiss (staff liaison).

### Bob Countryman, Chair

Committee members: Robert Loren Countryman (chair), David Curtiss (staff liaison), Michael Alan Fogarty, Robbie Rice Gries, Norman John Hyne, John George Khaldi (EC liaison), James S. McGay (committee manager), Clint Moore, and Kay L. Pitts.

## GIS Publications

*The GIS Publications committee and Datapages, under the leadership of the Elected Editor and Geoscience Director, solicit and evaluate proposals for publications, recommend standards for format and quality, and ensure quality and rigor through peer review. (1) Improve quality of GIS publications by soliciting many proposals and increasing selectivity from among these. (2) Manage expectations for acquiring and publishing GIS material. Develop and implement standards for quality and for technical review. (3) Create a global network of GIS committee members and collaborators from industry, academia, and geological surveys. (4) Partner with the print-focused Publications Committee to produce joint*

*print and GIS projects whenever practical. (5) Contribute to the management of consortium funds by providing two AAPG GIS Committee representatives to sit on the OSU-AAPG Consortium Advisory Board; high-grade Datapages and GIS Publications Committee project funding proposals and liaise with the OSU consortium cartography department to ensure production of high quality and timely results.*

## Accomplishments

### Committee Focus

- Soliciting / peer review / publish externally-funded GIS projects
  - Peer reviewing / publish projects funded by the OSU-AAPG Foundation GIS/Geosciences consortium.
  - Support AAPG Datapages Exploration Objects (DEO-GIS) portal initiative.
1. Externally-funded GIS projects
    - Peer-reviewed and published in the AAPG Open-File library:
      - Burke, L.A., Kinney, S.A. *et al.*, 2014, Series of Five Maps Characterizing Geopressure Gradients: Southern Louisiana, State and Federal Waters (GIS by the USGS)
  2. OSU – AAPG Foundation GIS / Geosciences Consortium

A main focus of the GIS committee has been to solicit and review projects funded by the consortium. The captured and peer-reviewed projects are published to the GIS open-file library and to the GIS-UDRIL / DEO-GIS (subscription) libraries.

Significant operational improvements were realized by the OSU cartography department, leading to a marked increase in productivity and output quality. However due to staffing limitations at Datapages, publishing to the GIS open-file library in a timely manner remains to be a challenge.

Completed, published to GIS Open-File library:

- Ambrose, W.A., 2013, Wilcox Group and Carrizo Sand in East Central Texas – Depositional Systems and Deep Basin Lignite  
Completed, waiting to publish in GIS Open-File library:
- Avary, K.L., 2013, Geology and Maturity of the Devonian Appalachian Shales.
- St. John, B., 2013, Geology of Ethiopia.
- Gosnold, W., 2013, Global Heat Flow database of the IHFC.  
Capture completed, peer review in progress:
- Carter, K.M., 2013, Pennsylvania Digital Oil and Gas Mapping.  
Capture in progress, peer reviews planned 2014-2015:

- Higley, D., 2014-2015, RMAG "Red Book" Stratigraphic Atlas.
- Ross, M., Bally, B and Bishop, R.A., 2014-2015, Shell North America Source Rock Atlas,
- Minch, J., 2014-2015, AAPG Geological highway map series (four maps).

3. AAPG Datapages DEO-GIS Portal  
 AAPG Datapages successfully rolled out the DEO-GIS portal to industry in 2014. The GIS Publications committee will provide industry-aligned technical and content guidance to the DEO-GIS team going forward and aims to ensure all pertinent GIS open-file project data can be discovered via the portal.

## Path Forward

### Challenges

With the significant improvement of productivity and captured project quality by the OSU cartography department, challenges for the overall GIS open-file publishing program now moves to Datapages and the timely publishing of completed projects. Due to limited Datapages staff, the existing focus is ensuring that GIS-UDRIL and DEO-GIS products are supported, while the GIS open-file content is lowest priority. The committee will work with Datapages to improve this critical issue.

The GIS Publications committee submits that published content in the peer-reviewed GIS open-file library should enjoy the same profile and technical support as published content in the popular open-file Search and Discovery portal, which is not peer-reviewed. AAPG's open-file content provides a critical element for outreach to the existing and potential global membership, and should be considered in the broader context of AAPG's publishing strategy.

### Summary

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

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

### Bret J. Fossum, Chair

Committee members: Mohd. Zukhairi Bin Abd. Latef, Daniel Scott Beaty, Donald Dean Clarke (committee manager), James Sophocles Cokinos, Joseph William Cross, Andrew Cutts, Bret J. Fossum (chair), Jingyao Gong, Ronald L. Hart (staff liaison), Scott Jean Hills, Kevin C. King, Samuel H. Limerick, Domenico Lodola, Andrea M. Loveland, Gayle H. McColloch, Jr., James McDonald, Oliver Nicholas Morris, Ian Norton, Joseph Andrew Ontko, Jr., Michael L. Sweet (EC liaison), Scott Allen Tiller, Peter Wigley, and Gareth Williams.

## Grants-in-Aid

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

The 2014 application class completes the 58th year of the AAPG Foundation Grants-in-Aid program. The program is one of the most competitive and prestigious funding programs in the earth sciences.

### Awards Summary

The year 2014 was busy, but not as busy as 2013, despite extending the application deadline to Feb. 14. The committee received 373 applications, down from the 492 applications received in 2013. Applicants from 43 countries were represented this year, down from 55 in 2013.

Restricted and named grants were again awarded this year to the top scoring, eligible applicants. A total of \$207,750 was granted, up from \$192,500 awarded last year. Ninety-one monetary awards, or

24% of the application pool, were made to the top scoring eligible applicants, up from 90 awards in 2013. The average grant was \$2,283, up from \$2,139 in 2013.

Thirty-nine percent of the applications received in 2014 were non-U.S. citizens, down from 54% in 2013. Eighty-one percent of the applicants are attending schools within the United States. However, 89% of this year's awards were made to applicants attending U.S. schools and only 11% to non-U.S. schools. We will continue to pursue avenues to increase the international visibility of the program.

### Funding

Of the total \$207,750 funds available for awards in 2014, \$85,100 was provided by the Foundation Grants-in-Aid Fund and \$122,650 was from AAPG Foundation "Named Grants" honoring institutions and distinguished AAPG members.

One new named permanently funded grant was established within the AAPG Foundation and made available for the 2014 award year: the Edward C. and Caroline Beaumont named grant, which is unrestricted. In addition, several existing grants increased award value.

The 2014 grant awards were announced at the AAPG Annual Convention in Houston and are available on the AAPG website at <http://foundation.aapg.org/students/graduate/current.cfm>. Abstracts of the funded research of students who received grants in 2014 will be published in electronic form in AAPG Search and Discovery. Publication of the abstracts increases the visibility of the Grants-in-Aid Program, provides prestige and publicity to award recipients, and informs the membership of student research being supported by the Foundation.

### Committee

For the 2013-2014 program year, the committee was comprised of more than 55 members with representation from around the world. We aim to broaden the demographics of the committee through international recruiting.

Many people deserve recognition for their role in making the Grants-in-Aid Program a success in 2013-2014: the AAPG Foundation and individual donors for their generous financial contributions; committee members, for thoughtful review of applications and their suggestions for improving the program; and the AAPG Foundation staff who are responsible for administration of the Grants-in-Aid Program. April Stuart and

Tamra Campbell are especially valuable members of the AAPG Foundation to the Grants-in-Aid team. We wish to thank you all for your contributions and your dedication continues to uphold the excellence of the AAPG Foundation Grants-in-Aid program.

**Andy Klein, Chair**  
**Mike Unger, Vice Chair**

Committee members: Nadeem Ahmad, Aameera Al Mustafa, Aus Al-Tawil, Jeff Allen, Adebayo Akinpelu, George Ardies, Cesar Ardiles, Ralph Baird, Kevin Barnes, Neil Barnes, Tandis Shaterian Bidgoli, Matthew Buoniconti, Robert Corwin, Denise Cox, Tom Cronin, Andrew Cullen, Femi Esan, Lee Fairchild, Anne Fix, Victoria French, Raymond Garber, Anthony Grindrod, George Grover Jr., Edgar Guevara, April Stuart (staff liaison), Josh Hickman, Denise Hodder, Bill Houston, Jean Hsieh, Andy Klein (chair), Kevin Keogh, Ben Kilhams, Alexander Kitchka, Larry Knox, Henry Legarre, Richard Lovell, Peter MacKenzie, Kevin Meyer, Nikki Morris, Michael Nix, Andrei Panaiotu, Mary Parke, April Parsons, Eric Potter, Mihaela Ryer, Sourav Saha, Kenneth Schwartz, David Sivils, Hoxie Smith, John Steinmetz, Pam Stephens, Grant Wach, Johnnie Wanger, Rhonda A. Welch, Julia Wellner, Richard Whittington, Mike Unger (vice chair), Steven Loring Veal (committee manager), and Christopher Zahm.

## Group Insurance

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

The GeoCare Insurance Benefits Program has been providing a valued service to AAPG members for more than 50 years and will continue to do so into the future. Owing to the enactment and implementation of the Patient Protection and Affordability Act of 2010 (PPACA), the specific programs offered by GeoCare have changed significantly over the past several years. Some of these changes will be discussed in more detail below.

Including AAPG, the following societies also are members of the Group Plan: Society of Petroleum Engineers, American Association of Professional Landmen, Association of Environmental and

Engineering Geologists, American Institute of Professional Geologists, Council of Petroleum Accounts Societies, Environmental and Engineering Geophysical Society, Geological Society of Washington, Society of Exploration Geophysicists, Society for Sedimentary Geology and the Society of Economic Geologists.

Association Group Insurance Administrators (AGIA) of Carpinteria, California and Allied Benefit Systems are the general administrators for many of our programs. F. Michael Strunk of Creekmere Livingston Inc. (CLI) of Punta Gorda, Florida, is the broker of record for the GeoCare Program. New York Life Insurance Co., Transamerica (Monumental Life) Insurance Co., Aetna Insurance Co., and Liberty Mutual Insurance Co. underwrite the various plans. In addition to AGIA, Coverdell & Company, Rutherford International, FSD Insurance Services, HealthPlan Services and Worldwide Benefits Services are the administrators for the Group Insurance plans and other benefits programs.

The GeoCare Program currently offers 14 plans for the benefit of our membership as listed below along with the companies underwriting the programs. (1) life plans (term life, first to die life, and 10-year level term life), (2) disability income plan, (3) in-hospital plan, (4) cancer expense plan, (5) dental plan, (6) high limit accident plan, (7) medicare supplement plan, (8) best benefits discount medical plan, (9) Geocare international program, (10) long-term care plan (multiple carriers used), (11) personal lines (auto, home, motorcycle, and personal liability umbrella coverage), (12) fixed annuities, (13) identity theft assist, and (14) Geocare benefits insurance exchange (a private medical insurance exchange). Several additional programs are being investigated for possible addition in the next year or two.

As previously reported, the enactment of healthcare reform legislation "PPACA," resulted in the medical insurance carrier of GeoCare, New York Life having to exit from the health insurance coverage for group policy organizations, effective Jan. 1, 2014. As a result, GeoCare's comprehensive healthcare, health savings account qualified insurance and catastrophic major medical programs were closed. The GeoCare team has worked diligently to assist our members who were affected by this event to obtain alternative coverage with the GeoCare benefits insurance exchange or with the state or federal exchange program of their choice. We are pleased that many of our affected

members have chosen to go with the GeoCare Exchange to continue to receive the excellent personalized service they are accustomed to from GeoCare. The GeoCare Exchange began effective January 1, 2014 and has experienced steady growth. As of June 30, 2014, there are now 241 member policies in force with a premium value in excess of \$2,013,400.

The Term Life Plan includes the issuance of \$30,000 of coverage to new members who are under the age of 50 and residents of the United States at no cost to them for one year. There is also an inflation guard benefit offered to those members under the age of 50, who have been insured for one year, and are not disabled. Similar to the term life plan, the disability insurance program has a new member benefit of \$600 per month for two years for members under the age of 50. New members are automatically covered at no cost to them for the first six months of membership.

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

The personal lines plan, which includes insurance for a member's automobile, home, motorcycle, and/or condominium, continues to grow. This plan also includes personal liability umbrella coverage, which provides protection for members in the event of a claim for damages exceeding the limits of the policy against which the claim is being made. As of June 30, 2014, there are now 805 total member policies in force with a premium value in excess of \$1,595,840. This plan is underwritten by the Liberty Mutual Insurance Company and continues to be a very popular program.

As of June 30, 2014, GeoCare member plan certificates in force total 13,117 with a total annual premium of \$7,469,535.16. With the addition of SPE, the total certificates in force are 21,296, with a total annual premium of \$10,738,139.84.

The changes brought on by recent federal legislative action have presented many challenges to the medical programs for our members, the program's managers and our underwriters. While additional changes may occur in the future, the overriding promise of the GeoCare insurance program is to provide the best benefits possible for our members.

Complete information on all of the insurance plans provided can be found on the AAPG website under Services/GeoCare Insurance or at [geocarebenefits.com](http://geocarebenefits.com).

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

Committee members: Jim Brown (AAPG), Robert Countryman (chair, AAPG), Jane Crouch (AAPL), David E. Lange (AAPG staff liaison), Jim McGhay (AAPG), Burt Nelson (SPE), and James W. Tucker (AAPG EC Liaison)

## **History of Petroleum Geology**

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

### **Committee Membership**

The AAPG HoPG committee had 16 members throughout the year.

### **HoPG at the 2013 AAPG ICE in Cartagena**

At the September 2013 AAPG ICE in Cartagena, Colombia, we held a Sunday morning session with seven papers. Instead of simply inviting guest speakers we requested abstracts from the AAPG membership at large. This was successful and virtually all the speakers were new to a HoPG session. A total of about 250 persons attended this session. Daniel Truempy and Hans Krause were the session chairs.

### **HoPG at the 2014 AAPG ACE in Houston**

Based on the Cartagena experience, we requested abstracts for the April 2014 HoPG session at AAPG's annual convention. The Sunday afternoon session was successful, we had six excellent papers and the peak attendance was about 250 persons. Brian Blackstone and Roger Hardy were the session chairs.

### **HoPG at the 2014 AAPG ICE in Istanbul**

At the September 2014 AAPG ICE in Istanbul, Turkey, we had a Tuesday session as part of the regular Monday through

Wednesday technical program. It was a "trial balloon" in the sense that it is the first time such a HoPG session will not be held on the Sunday at the beginning of the convention. Attendance, in the face of other interesting sessions, should help establish how much of an international "market" there is for HoPG in AAPG. Once again, abstracts were successfully requested from the AAPG membership at large. Piotr Krzywiec and Peter Baillie will be the session chairs.

### **2017 Exhibit at the Houston Museum of Natural Science**

The committee's most significant project is the proposed 2017 History of the Science and Technology in Petroleum Exploration exhibit at the Houston Museum of Natural Science. The project received the blessing of both AAPG's Executive Committee and the 2017 100<sup>th</sup> Anniversary Committee. Sue Payne has been appointed head of the steering committee that will supervise its execution. In view of the magnitude and importance of this project, it will be spun off the HoPG committee and report to a higher level within AAPG.

### **Historical Highlights in the AAPG Explorer**

Twelve monthly articles on items of petroleum historical interest were published in the year. As in years past, they covered a broad series of topics from around the world.

### **Hans Krause, Chair**

Committee members: Peter Baillie, Richard W. Bell (EC Liaison), Brian Blackstone, Janet Marie Combes, David Curtiss (staff liaison), L. Rogers Hardy, Hans Krause (chair), Piotr Krzywiec, Jim Levy, Donald W. Lewis, Pete Rose, Wolfgang E. Schollnberger, Raymond Paul Sorenson, Rasoul Sorkhabi, Stephen M. Testa, Clinton R. Tippett, Jim Tucker, Daniel Truempy, and Laura Cutright Zahm (committee manager).

## **Imperial Barrel Award**

Fiscal Year 2013-2014 was another successful year for the AAPG/AAPG Foundation Imperial Barrel Award Competition. The number of teams taking part increased from 101 to 123 representing 37 countries, including the participation of universities from seven

new countries. It is estimated that in excess of 1,000 students worldwide participated in and learned from the program. All Sections and Regions were represented at the global competition at ACE in Houston. Nearly \$850,000 was raised in sponsorship from 74 organizations and total expenses amounted to \$780,000. Only two Regions—Latin America and the Middle East—failed to cover the expenses associated with their semi-finals. Eight companies provided software in support of the program and a number of others provided facilities in which to conduct the semi-final competitions. AAPG Datapages provided teams with access to their online database and presented the winning team with unique IBA blazers after the awards ceremony.

The IBA Committee increased to 20 members, with the inclusion of Sue Nicholson from ExxonMobil who will chair the Judging Subcommittee on the retirement of Bob Stewart at the end of the fiscal year. There are now 25 IBA coordinators, an increase of eight, which is in response to the increased workload associated with running the program. The committee held meetings via WebEx every month between September and March and met face-to-face after the final competition in April. Most of the discussions at the committee meetings focused on logistical issues, team member exceptions and potential changes to the rules and operational procedures. Regular meetings were also held with IBA coordinators, dealing with many of the same issues within the Sections and Regions.

Eight datasets were used this year including a new dataset from the Taranaki Basin in New Zealand. The Penobscot dataset from Nova Scotia was retired. The Australian Department of Mines and Petroleum has provided access to data from which we will be making new datasets for the 2015 competition. We continue to look for new well and seismic datasets because universities cannot be given data used in previous competitions.

A few changes have been made to the rules and operational procedures (R&OP) and the judging guidelines based upon issues that have arisen during the competition. The most important change to the R&OP is the inclusion of a waiver of liability for medical emergencies, loss of life or loss/damage to property, while participants take part in the competition.

The committee is addressing the long-term financial viability of the IBA program with a view to provide financial stability during periods of a downturn in the

industry. The Sponsorship Subcommittee is working with the AAPG Foundation to set up an endowment fund, which will provide a steady income to support running the IBA program.

### **Chuck Caughey and Dave Cook, Co-chairs**

Committee members: Anwar M. Al-Beaiji, Charles A. Caughey (co-chair), David Richard Cook (co-chair), John Robert Dribus, Charlotte Anne Hamilton, April Stuart (staff liaison), Michael James Mahaffie, Mike S. Mlynek (staff liaison), Kenneth Eugene Nemeth, Susan Nicholson, Adedoja Rosamond Ojelabi, Hock Kim Ong, Kimberly Saar Parsons, Tiffany C. Piercey, Steven Loring Veal (committee manager), and Kristen Lee Wooden.

## **North American Commission on Stratigraphic Nomenclature**

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

### **NACSN Commissioners—October 2013–2014**

#### **AAPG**

Robert W. Scott (2012-2015) Chairman (2012-2013)  
Donald E. Owen (2013-2016)  
Art Donovan (2011-2014)

#### **Association of American State**

##### **Geologists**

John Steinmetz (2012-2015)  
David Wunsch (2011-2014)  
Berry H. (Nick) Tew (2012-2015)

#### **Geological Society of America**

Frank R. Ettensohn (2012-2015)  
Richard H. Fluegeman (2010-2013)  
Vice Chairman  
Bridget Wade (2011-2014)  
Brooks Ellwood (2013-2016) resigned  
06-05-14

#### **U.S. Geological Survey**

Lucy E. Edwards (2013-2016)  
David Fullerton (2011-2014)  
Randall Orndorff (2012-2015)

#### **Geological Survey of Canada**

A. P. (Tony) Hamblin (2012-2015)  
Rob Rainbird (2011-2014)  
Robert G. Anderson (2010-2013)  
renewal requested

#### **Canadian Society of Petroleum**

##### **Geologists**

Brian R. Pratt (2009-2012) renewal requested  
Octavian Catuneanu (2011-14)

#### **Geological Association of Canada**

Robert Michael Easton (2011-2014)  
Frank Brunton (2013-2016)

**Instituto de Geologia de la Universidad  
Nacional Autonoma de Mexico**  
Elizabeth Solliero Rebolledo  
(2013-2016)

#### **Society for Sedimentary Geology**

Marie-Pierre J. Aubry (2012-2015)  
Howard Harper (2013-2016)

#### **Asociacion Mexicana De Geologos Petroleros**

Vacant

#### **Sociedad Geologica De Mexicana**

M.C. Emiliano Campos Madrigal  
(2013-2016)

#### **Servicio Geologico Mexicano**

Natalia Amezcua Torres (2013-2016)  
Rosario Isabel López Palomino  
(2012-2015)

#### **Commissioners-At-Large**

Norman Lasca (2012-2015)  
Ismael Ferrusquia-Villafranca  
(2013-2016)  
John Van Couvering (2013-2016)  
Stanley C. Finney (2012-2015)

## **Offshore Technology Conference (OTC)**

*OTC is organized and operated exclusively to promote and further the advancement of scientific and technical*

*knowledge of offshore resources and environmental matters.*

### **OTC Technical Program Process**

Starting in March of the preceding year, the OTC Program Committee starts the process of creating the technical program for OTC that will take place the first week in May of each year. The OTC Program Committee consists of two members (generally a chair and vice-chair of each of the sponsoring society sub-committees) from each of the 12 industry sponsoring organizations and societies who work cooperatively to develop the technical program each year.

As one of the 12 sponsoring organizations, the OTC AAPG Sub-Committee works with the other members of the OTC Program Committee to create conference sessions, which focus on the geosciences and professionalism within the scope of the OTC.

### **2014 OTC AAPG Sub-Committee Activities and Accomplishments**

The 2014 OTC AAPG Sub-Committee worked to create and promote the technical program sessions held May 5 through May 8, 2014 at Reliant Park in Houston. Attendance at OTC 2014 reached a 46-year high of 108,300, the highest in show history and up 3.3% from last year. The OTC 2014 technical program presented sessions for a wide assortment of topics and issues.

#### **Activities at OTC 2014**

AAPG put together and promoted the following activities:

- AAPG and SEG promoted Tuesday, May 6 at OTC 2014 as "Geosciences Day" at OTC, and following the technical sessions, the two organizations co-hosted a geosciences networking reception in Reliant Stadium.
- AAPG also hosted a VIP reception on Tuesday evening for AAPG members and invited guests at the La Colombe d'Or hotel and restaurant.

#### **Industry Breakfasts at OTC 2014**

In addition, we put together the annual OTC ethics breakfast. This year's session was "Geoethics: A Way of Thinking and Practicing Geosciences." Geoethics deals with ethical, social and cultural repercussions of the research and practice in earth sciences.

We also put together a marine exploration breakfast entitled "Community-Driven, Telepresence-Enabled Ocean Exploration and NOAA Ship *Okeanos Explorer*." The breakfast provided an overview of the *Okeanos Explorer* Program, described the different models of conducting telepresence-enabled operations on NOAA ship *Okeanos Explorer*, and highlighted marine archaeology investigations conducted during the 2012 northern Gulf of Mexico expedition.

#### Panels and Technical Sessions at OTC 2014

As part of the OTC 2014 Program Committee, the 2014 OTC AAPG Sub-Committee helped put together the following sessions:

- Monitoring Techniques and Systems - Cradle to Cradle - A Vital Input to Reliability and Integrity Management Programs
- New Geophysical Approaches for Geohazard Consideration
- Marine Archaeology and Environmental Studies in the Offshore Oil and Gas Industry
- Geoscience Projects
- Emerging Offshore Geosciences Technologies
- Geoscience Developments
- Law of the Sea
- Petrotechnical Data Donation to Universities - Symposium on Results
- Methane Hydrate Case Studies
- Metocean - New Developments and Perspectives

#### 2015 Proposed Activities and Sessions

The 2015 OTC AAPG Sub-Committee is currently working to put together sessions for the following:

- Ethics breakfast.
- Geoscience networking event.
- A quantitative geotechnical risk analysis.
- Caspian Sea.
- Pore pressure prediction for shallow and deep well design.
- Reservoir evaluation and reservoir management.
- Pre-salt investigations in the high-pressure Wilcox in the Gulf of Mexico.
- Protecting marine mammals through engineering and geoscience.

**Buford Boyd Pollett,**  
**OTC AAPG Sub-Committee Chair**

## Professional Women in Earth Sciences (PROWESS)

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

### Committee Activity

#### ACE PROWESS Events

Team leads: Jessica Moore, Lee Avary, Carol McGowen, Denise Cox

- PROWESS Short Course (Sponsored by Chevron). The Business of the Oil Business – Economics and Strategic Thinking of Geoscientists. 46 registrants (36 professionals, 10 students; roughly 50/50 men, women). Instructor Mark Cronshaw (Resource Economics LLC, CO) included wide-ranging examples from seismic to production sharing contracts addressing topics covering: business basics, oil and gas industry overview, profitable exploration and production, reserves and resources, decision-making under uncertainty and the value of information, cash flow forecasting and value creation by geoscientists.
- AAPG/AWG/SEG Reception (Sponsored by Schlumberger). Titled "Breaking Down the Glass Walls" was a sold-out event (190 RSVPs, 115 attended). Intended for women and men in support of women geoscientists; women leaders and geoscientists from industry, academia and government; students and young professionals. The purpose of the event was to inform attendees about the host associations' programs and resources and "Break the Glass Walls" to work together toward common goals, provide face-to-face networking opportunities for women geoscientists, and provide informal mentoring opportunities and career advice for young professionals and students. Jessica Moore spoke on behalf of AAPG PROWESS, Denise Cox spoke on behalf of AWG, and Nancy House spoke on behalf of SEG.

- History of Petroleum Geology Session Presentation. Jessica Moore introduced PROWESS as well as their "Pioneering AAPG Women Geoscientists" project, followed by a biographical sketch of one of the pioneers named Elizabeth Watson (1915-2000) who was both a geologist and an aviator, contributing both to the understanding of the California oil bearing stratigraphy as well as aviation efforts in WWII.
- KiddieCorp Childcare. Seven children; five families. Children enjoyed games, arts and crafts. Incident and injury free.

### Profiles of Pioneer Women Petroleum Geologists

Team leads: Lee Avary, Jessica Moore

- The committee is collecting biographical information about pioneering women petroleum geologists. A total of 131 names have been collected and distributed among members of a subcommittee of nine members. The committee meets quarterly via teleconference to give status updates on the progress of their biographies as well as helpful tools they have discovered. An FTP site has been created as a depository for the summaries as they are completed. Plan is to have the project completed in time for the AAPG 100 year anniversary ACE.

### Expanding Influence and Visibility

- National Research Council's Committee on Earth Resources (CER) meeting, Washington D.C. Jessica Moore was invited to serve as a panelist and to present and participate in discussions with the NRC addressing "Workforce In The Energy And Mining Industries: Education Pathways, Workforce Diversity, And Finding Solution." Jessica represented PROWESS with a presentation outlining, specifically, the fossil energy workforce, as well as the female representation within that workforce. The audience included members of the CER, federal and state government, academia, the private sector, and professional societies and organizations. The presentation was well received and the COGGE along with the NSF has asked Jessica to contribute to a prospectus on "Enhancing the Reach of the Geotechnical Engineering Profession through Gender Diversity." A meeting is

scheduled for May 29 in Washington, D.C.

- *Explorer* Articles. Three *Explorer* articles have been written or contributed to, by PROWESS members Denise Cox (January), Jessica Moore (March), and Carol McGowen (April).

### **Mentoring Subcommittee**

**Team lead: Tracey Edwards**

- A mentoring subcommittee was created to identify opportunities for mentoring, explore mentor training, and work with other committees such as the YP committee on this important part of career and professional development. Several PROWESS members participated in the annual Meet & Greet at ACE.

### **Jessica Moore, Chair Lee Avary, Chair**

Committee members: Edith C. Allison, Katharine Lee Avary (chair), Richard W. Ball (EC liaison), Tania C. Campbell, Lauren Alexis Cassel, Denise M. Cox, Ashley S. B. Douds, Vlastimila Dvorakova, Tracey Edwards, Robbie Rice Gries, Amanda G. Haddad, Eve Iversen, Alicia Kahn, Amanda Lynn Kern, Marian E. Kramer, Linda S. Kyle, Rosemary Laidacker, Patricia Lee, Vivian Lin, Carol Cain McGowen (staff liaison), Lisa A. McLaughlin, Evelyn A. Medvin, Jessica Pierson Moore, Jessica Moore (chair), Maryam Nasizadeh, Amy Kathryn Noack, Elizabeth S. Petrie, Jeanne S. F. Phelps, Kumkum B. Ray, Judy Ann Russell, Margaret Zoe Smoot, Marie-Stella Sonuga, Vanja M. Stevanovic, Shannon Cheree Stover, Sarah N. Sweeney, Barbara A. Tillotson, Jennifer Tomblin, Eryn T. Torres, Kathleen Poole Urbis, Ann M. Vasko, Keri Vinas, Sheila A. Wilkins, Lisa RaLynn Wolff, Katerina Yared, Laura Cutright Zahm (committee manager).

## **Student Expo**

*The purpose of the Student Expo Committee is to provide support for various Student Job Expos and communicate news about Student Expos to the chair of AAPG Student Focus Chairman's Committee. The Student Expo Committee should contain members from all areas that provide Student Expos in order to share best practices.*

The AAPG/SEG Student Expo Committee annually hosts both the Houston-based Student Expo in the fall

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

The Student Expo provides students and recruiters with multiple networking opportunities throughout a two-day event. After 16 years, this expo continues to be a great success and a key geoscience student-recruiting event for many companies. The expo hosts an ice breaker event for students and recruiters, offers travel grants to those students of merit who seek travel and accommodations, various field trips and short courses for participants seeking to enhance their learning experiences, and awards monetary prizes to students with the best poster presentations. In 2013, the 16th Annual Student Expo was held September 16-17, 2013, and had 28 sponsors and over 600 students in attendance.

At the Student Career Seminar, students are able to voice their career questions and concerns to established professionals. Various topics are provided to these open-table discussions, and students may ask the professionals their own questions as well. The 2014 seminar hosted 18 professionals and paired them with over 60 students.

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

### **Cecilia Ramirez, Chair**

Committee members: Arifandy "Andy" Aulia, William Barkhouse, Rituparna Basu, George Robert Bole, Sushanta Bose, Martha Lou Broussard (vice-chair), Svetlana Burris, Sarah Colbert, Sarah Lois Dean, Gulce Dinc, Francesca Fazzari, Luke Kenneth Francis, Carley Marie Freer, Daniel E. Garza, Brandon Harper, Curtis Johnson, Peter Kahn, Callie Lee-Petricek, Robyn Melissa Marchand, Brian McBroom (staff liaison), Clint Miller, Mike Mlynek (staff liaison), Sarah Marie Power, Cecilia Renee Ramirez (chair), Natasha Rigg, Jacob E. Siegel, Benjamin Sidney Slotnick, Robert Tscherny, Afton Jade Van Zandt, Steven Loring Veal (committee manager), Elsa Elena Velasco, Harsh Biren Vora, Julia Smith Wellner, and Fernando Enrique Ziegler

## **Young Professionals**

*The mission of the AAPG Young Professionals Committee is to (1) Foster a challenging and successful career in the energy industry for recent college/university graduates and early career earth scientists. (2) Build an understanding of the value of a lasting relationship between AAPG and young professional members. (3) Encourage earth scientists to progress from Student to Associate to Member. Accomplishing this mission will require (1) Open communication with students about careers in earth science. (2) Identifying and serving early career needs of young earth scientists. (3) Providing opportunities for networking, career guidance, learning and enhancing professional competence. (3) Supporting and encouraging applications for Membership when eligibility requirements are met. (4) Encouraging young leaders to run as a Delegate candidate for their respective Region or Section. The responsibilities of this Committee are to provide a series of unique services to AAPG young professional members, to retain and increase our current young professional membership, and to promote interaction and communication between AAPG student and young professional members.*

This annual report of the Membership Young Professionals Committee aims to provide a high-level overview of the activities organized in the 2013-14 fiscal year. For further details feel free to contact the committee chair.

For the fourth year running the Young Professionals Leadership Summit was hosted in Tulsa July 25-26, 2013. This year's event brought together 22 YPs from various Sections and Regions—and from a variety of companies—to discuss the way forward for YP initiatives in AAPG. At the core of the YPLS program were the breakout sessions, in which the YPs discussed, with great enthusiasm, topics such as "AAPG's Value Proposition" and the "Young Professionals Committee Mission, Vision and Goals." The participants then had the opportunity to contribute to the AAPG Leadership Days during the following weekend.

At the International Conference and Exhibition held in Cartagena September 8-11, 2013, the Young Professionals of the Latin America Region hosted a Meet 'n Greet, which was attended by 200-plus students and young professionals and more than 40 mentors, including big names in the oil and gas industry. They also organized a session on the "Art of

Interviewing” and “Career Paths,” which involved most of the same mentors, including past AAPG presidents Paul Weimer and Scott Tinker. The session also targeted geoscience students and featured a “speed mentoring” format.

At the Annual Convention and Exhibition in Houston April 6-9, 2014, the Young Professionals had a packed Sunday afternoon. The Meet ‘n Greet drew a crowd of an estimated 350 people prior to the opening ceremony and icebreaker reception. Later that evening they hosted the invitation only YP Reception at the upper level of The Grove on Discovery Green, which was attended by approximately 250 people. Both events were sponsored by Noble Energy.

On a more organizational note, the committee has for the first time attempted to pull together a global YP budget, which will provide transparency on the various

sources of funding for the committee’s activities. Work on a more easily accessible YP chapter structure, which would facilitate interaction with external visitors, for example of Distinguished Lecturers or the Divisions, is also ongoing.

Communication with the membership is another key task of the committee and we do so through a series of articles in the *Explorer’s* ProTracks columns, as well as maintaining an active online presence on Facebook, LinkedIn and the brand new AAPG website.

Last but not least, the committee has an important role in acting as a conduit for sharing information between the Sections and Regions about the activities that are organized by the global network of YP chapters, as well as at section, region and local society events. These include a wide variety of technical lectures, field courses, screenings of the *Switch* movie,

networking events, student outreach, IBA support and much more.

On a personal note, it has been a pleasure to serve on the committee for the last four years, first as vice-chair and then as chair, and I am delighted to leave matters in the capable hands of Jon Allen and Meredith Faber, whom will be taking over as co-chairs.

### **Nick Lagrilliere, Chair**

Committee members: Aisha Abdullah Al-Bulushi, Jon Allen, Meredith Faber, Drew Hutto, Drew Kremann, Nick Lagrilliere (chair), Ryan Lemiski, Hannah McKay, Samuel McLay, Nicole “Nikki” Morris, Nick Nelson, Akintunde Okuboyejo, Reetu Ragini, Merrill Stypula, and Antonio Velasquez.

## Sidney Powers Memorial Award

*The Sidney Powers Memorial Award (AAPG'S most distinguished award) is a gold medal given in recognition of distinguished and outstanding contributions to, or achievements in, petroleum geology.*

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

2002 — James L. Wilson  
 2003 — Peter R. Vail  
 2004 — Lawrence W. Funkhouser  
 2005 — Kenneth W. Glennie  
 2006 — Robert M. Mitchum, Jr.  
 2007 — Arnold H. Bouma  
 2008 — Fred F. Meissner  
 2009 — Marlan W. Downey  
 2010 — L. Frank Brown, Jr.  
 2011 — John W. Shelton  
 2012 — Koenraad J. Weber  
 2013 — Dietrich H. Welte  
 2014 — Ernest A. Mancini

## Michel T. Halbouty Outstanding Leadership Award

*Michel T. Halbouty Outstanding Leadership Award (AAPG's second most distinguished award, second to the Sidney Powers Memorial Award) is given each year by the Association in recognition of outstanding and exceptional leadership in the petroleum geosciences.*

2007 — John J. Amoruso  
 2008 — James A. Gibbs  
 2009 — M. Ray Thomasson  
 2010 — Patrick J. F. Gratton  
 2011 — Daniel L. Smith  
 2012 — Robbie R. Gries  
 2013 — Stephen A. Sonnenberg  
 2014 — Peter R. Rose

## Honorary Member Award

*Honorary membership is bestowed upon persons who have distinguished themselves by their service and devotion to the science and profession of petroleum geology and the Association.*

### 2014 Recipients

John Armentrout  
 István Bérczi  
 Donald D. Clarke  
 Martin D. Hewitt  
 James S. McGhay  
 Mahmoud Abdul-Baqi, 2003  
 Adekunle A. Adesida, 2012  
 Adebayo O. Akinpelu, 2010  
 Ibrahim A. Al-Jallal, 2012  
 Abdulla A. Al-Naim, 2013  
 John J. Amoruso, 1987  
 Albert W. Bally, 1986

Lee T. Billingsley, 2012  
 Richard S. Bishop, 2006  
 George R. Bole, 1999  
 Dudley W. Bolyard, 2012  
 Louis C. Bortz, 1988  
 James "Jim" Brooks, 1993\*  
 John R. V. Brooks, 1997\*  
 Martha Lou Broussard, 2004  
 David G. Campbell, 1995  
 Elizabeth B. Campen, 2009  
 A. T. "Toby" Carleton, 2000  
 Paul A. Catacosinos, 2000  
 Stewart Chuber, 2004  
 James M. Coleman, 2002  
 Robert L. Countryman, 2011  
 Robert D. Cowdery, 1987  
 Brenda K. Cunningham, 2001  
 Edward K. David, 2005  
 Herbert G. Davis, 1986  
 Gerard J. Demaison, 1995  
 Edward D. Dolly, 2007  
 Marlan W. Downey, 2007  
 Bernard C. Duval, 1995\*  
 George Eynon, 2008  
 William L. Fisher, 1990  
 Peter T. Flawn, 1983  
 Lawrence W. Funkhouser, 1984  
 Lee C. Gerhard, 1997  
 James A. Gibbs, 1995  
 Ned (E. E.) Gilbert, 2001  
 Robert N. Ginsburg, 1991  
 William E. Gipson, 1991  
 Kenneth W. Glennie, 2003  
 Claus Heinrich Graf, 1996\*  
 Patrick J. F. Gratton, 2002  
 Willard R. Green, 1998  
 Robbie Rice Gries, 1998  
 Walter P. Grün, 2003\*  
 Robert D. Gunn, 1983  
 Jeanne E. Harris, 2013  
 Paul M. Harris, 2012  
 Frank W. Harrison, Jr., 1986  
 James Austin Hartman, 1992  
 John D. Haun, 1984  
 Christopher P. M. Heath, 2005  
 G. Warfield "Skip" Hobbs, 2005  
 John R. Hogg, 2010  
 Terry L. Hollrah, 2006  
 Myron K. Horn, 1997  
 Robert R. Jordan, 1993  
 John G. Kaldi, 2009  
 Barry J. Katz, 2011  
 John R. Kerns, 1993  
 Hans H. Krause, 1998\*  
 Susan M. Landon, 2000  
 Roberto A. Leigh, 1996\*  
 Desheng Li, 1994\*  
 Robert G. Lindblom, 1999  
 Peter M. Lloyd, 2008

\*Distinguished Achievement Awardee

John P. Lockridge, 1987  
 Ernest A. Mancini, 2008  
 Anibal R. Martinez, 1983\*  
 Marcio Rocha Mello, 1998\*  
 Daniel F. Merriam, 1996  
 Richard F. Meyer, 1987  
 Robert M. Mitchum, Jr., 2000  
 Raul Mosmann, 2002  
 D. Keith Murray, 1988  
 J. Michael Party, 2009  
 Douglas G. Patchen, 2004  
 Alain Perrodon, 1995\*  
 Kenneth E. Peters, 2013  
 M. Dane Picard, 1994  
 George B. Pichel, 1991  
 Edward B. Picou, Jr., 2002  
 Lewis S. "Stan" Pittman, 2001  
 R. Randy Ray, 2011  
 Peter R. Rose, 2002  
 Wolfgang Schlager, 1999\*  
 Harrison Hagan Schmitt, 2006  
 Nahum Schneidermann, 1994  
 John W. Shelton, 1990  
 Roger M. Slatt, 2003  
 Carl J. Smith, 2001  
 Daniel L. Smith, 2007  
 Stephen A. Sonnenberg, 2008  
 Bill St. John, 1988  
 Philip H. Stark, 2012  
 Charles A. Sternbach, 2011  
 Donald Sherwood Stone, 1994  
 Paul M. Strunk, 1999  
 M. Ray Thomasson, 2003  
 Jack C. Threet, 2008  
 Bernard P. Tissot, 1987  
 Harrison Lee Townes, 1997  
 Peter R. Vail, 1991  
 Arthur M. Van Tyne, 1996  
 Steven L. Veal, 2011  
 Koenraad Weber, 2004\*  
 Robert J. Weimer, 1982  
 Larry D. Woodfork, 1990  
 Pinar O. Yilmaz, 2010  
 Donald L. Ziegler, 1986

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

John Emery Adams, 1966  
 Gordon I. Atwater, 1969  
 Fritz L. Aurin, 1960  
 Andrew D. Baillie, 1990  
 Thomas D. Barber, 1997  
 Leonidas T. Barrow, 1959  
 N. Wood Bass, 1961  
 Ted L. Bear, 1988  
 B. Warren Beebe, 1966  
 Alfred H. Bell, 1962  
 Allan Parnell Bennison, 1999  
 Robert R. Berg, 1985  
 D. L. Blackstone, Jr., 1990  
 Richard R. Bloomer, 1987  
 Arnold H. Bouma, 2007

Leslie Bowling, 1975  
 Don R. Boyd, 1989  
 Carl C. Branson, 1973  
 Jules Braunstein, 1980  
 John M. Browning, 1985  
 George S. Buchanan, 1965  
 Daniel A. Busch, 1978  
 H. P. Bybee, 1956  
 M. R. Campbell, 1934  
 Carlos Walter M. Campos, 1992  
 Joe Cannon, 1994  
 Everett Carpenter, 1958  
 J. Ben Carsey, 1966  
 Arlo E. Childs, 1970  
 H. Victor Church, 1987  
 Frank R. Clark, 1958  
 Leslie M. Clark, 1976  
 Robey H. Clark, 1985  
 George V. Cohee, 1963  
 Frank B. Conselman, 1970  
 Kenneth H. Crandall, 1972  
 Ira H. Cram, Sr., 1964  
 Carey Croneis, 1965  
 William H. Curry, Jr., 1973  
 Doris S. M. Curtis, 1983  
 N. H. Darton, 1938  
 Morgan J. Davis, Sr., 1964  
 Ralph E. Davis, 1960  
 L. Courtney Decius, 1975  
 C. E. Decker, 1927  
 Ronald K. DeFord, 1965  
 Wallace de Witt, Jr., 1999  
 Thomas W. Dibblee, Jr., 1996  
 E. L. DeGolyer, 1944  
 Alex Deussen, 1953  
 Parke A. Dickey, 1989  
 Fred A. Dix, 1986  
 Carroll E. Dobbins, 1957  
 Charles F. Dodge III, 1999  
 Robert H. Dott, Sr., 1962  
 E. T. Dumble, 1926  
 John E. "Brick" Elliott, 1970  
 Samuel P. Ellison, 1982  
 Elmer W. Ellsworth, 1972  
 W. H. Emmons, 1946  
 Maurice Ewing, 1968  
 Norman L. Falcon, 1973  
 John L. Ferguson, 1969  
 Norman H. Foster, 1993  
 Hugh N. Frenzel, 1982  
 Gerald Manfred Friedman, 1990  
 H. B. Fuqua, 1983  
 John T. Galley, 1980  
 John E. Galley, 1983  
 G. C. Gester, 1949  
 George R. Gibson, 1973  
 August Goldstein, Jr., 1981  
 H. B. Goodrich, 1929  
 C. N. Gould, 1943  
 Howard R. Gould, 1979  
 Cecil H. Green, 1993  
 George C. Grow Jr., 1988  
 Eduardo J. Guzmán, 1972

Michel T. Halbouty, 1969  
 Dollie R. Hall, 1963  
 W. Dow Hamm, 1967  
 Marcus A. Hanna, 1962  
 Bernold M. Hanson, 1984  
 Charles J. Hares, 1959  
 G. D. Harris, 1935  
 T. S. Harrison, 1956  
 Merrill W. Haas, 1979  
 Roy T. Hazzard, 1959  
 John C. Hazzard, 1973  
 Kenneth C. Heald, 1957  
 Hollis D. Hedberg, 1967  
 Thomas A. Hendricks, 1971  
 William B. Heroy, 1957  
 William B. Heroy, Jr., 2001  
 Mason L. Hill, 1966  
 Melvin J. Hill, 1979  
 R. T. Hill, 1926  
 John M. Hills, 1980  
 William J. Hilseweck, 1969  
 Harold W. Hoots, 1974  
 Henry V. Howe, 1967  
 J. V. Howell, 1956  
 M. King Hubbert, 1974  
 J. P. D. Hull, 1951  
 George S. Hume, 1954  
 V. C. Illing, 1960  
 James R. Jackson, Jr., 1982  
 H. R. Johnson, 1953  
 Percy E. (Peter) Kent, 1976  
 John E. Kilkenny, 1972  
 Robert E. King, 1970  
 Robert E. Klazuba, 1992  
 Robert M. Kleinpell, 1973  
 Hugh Douglas Klemme, 1991  
 G. Moses Knebel, 1965  
 Samuel H. Knight, 1959  
 Edward Koester, 1971  
 Frank E. Kottlowski, 1985  
 Hans G. Kugler, 1968  
 F. H. Lahee, 1947  
 Kenneth K. Landes, 1962  
 A. C. Lawson, 1937  
 Rufus J. LeBlanc, 1981  
 M. M. Leighton, 1950  
 A. I. Levorsen, 1957  
 James O. Lewis, 1986  
 Ray C. Lewis, 1993  
 Theodore A. Link, 1962  
 E. R. Lloyd, 1950  
 John David Love, 1995  
 Charles J. Mankin, 2000  
 John A. Masters, 1996  
 Leonard F. McCollum, 1974  
 Charles J. Mankin, 2000  
 John A. Masters, 1996  
 Dean A. McGee, 1989  
 Duncan A. McNaughton, 1988  
 Robert E. Megill, 1993  
 Maurice G. Mehl, 1961  
 Fred F. Meissner, 2001  
 Lee Hillard Meltzer, 1983

\*Distinguished Achievement Awardee

W. C. Mendenhall, 1935  
 Willis G. Meyer, 1984  
 Harry A. Miller, 1985  
 Ralph LeRoy Miller, 1988  
 Marcus E. Milling, 1998  
 H. D. Miser, 1948  
 V. E. Monnett, 1955  
 Clarence L. Moody, 1956  
 Graham B. Moody, 1962  
 John D. Moody, 1972  
 Raymond C. Moore, 1957  
 Robert B. Moran, 1959  
 Frank A. Morgan, 1961  
 Harold T. Morley, 1968  
 William R. Muehlberger, 1995  
 Grover E. Murray, 1970  
 Roelof J. Murris, 1995\*  
 Jerry Bowers Newby, 1967  
 Arne R. Nielsen, 1992  
 Gordon B. Oakeshott, 1981  
 W. W. Orcutt, 1926  
 Ezequiel Ordonez, 1935  
 Edgar W. Owen, 1960  
 Ben H. Parker, 1966  
 John M. Parker, 1987  
 James A. Peterson, 1996  
 Thomas Hughes Philpott, 1993  
 Max G. Pitcher, 1994  
 Wallace E. Pratt, 1957  
 R. D. Reed, 1939  
 Eugene F. "Bud" Reid, 1991  
 John L. Rich, 1954  
 David G. Roberts, 2001  
 John W. Rold, 2006  
 John T. Rouse, 1971  
 David G. Roberts, 2001  
 John W. Rold, 2006  
 Edward C. Roy, Jr., 1993  
 Eric A. Rudd, 1992\*  
 R. Dana Russell, 1976  
 R. D. Salisbury, 1919  
 E. F. Schramm, 1956  
 Charles Schuchert, 1934  
 E. H. Sellards, 1946  
 C. L. Severy, 1958  
 Laurence L. Sloss, 1981  
 G. O. Smith, 1920  
 Robert M. Sneider, 1994  
 William C. Spooner, 1958  
 Hans Stille, 1937  
 J. A. Taff, 1934  
 Charles H. Taylor, 1961  
 John A. Taylor, 1982  
 Daniel J. Tearpock, 2013  
 W. Taylor Thom, Jr., 1958  
 Don F. Tobin, 1998  
 Arthur C. Trowbridge, 1958  
 Daniel Trumpy, 1964  
 Edd R. Turner, 1982  
 Marion O. Turner, 1984  
 W. H. Twenhofel, 1946  
 J. A. Udden, 1927  
 E. O. Ulrich, 1936

Martin Van Couvering, 1967  
 W. A. J. M. van der Gracht, 1936  
 F. M. Van Tuyl, 1949  
 Walter A. Ver Wiebe, 1955  
 H. H. von Hofer, 1924  
 William A. Waldschmidt, 1979  
 Robert F. Walters, 1987  
 Theron Wasson, 1960  
 Paul Weaver, 1956  
 Lewis George Weeks, 1967  
 Sherman A. Wengerd, 1977  
 David White, 1919  
 I. C. White, 1926  
 James E. Wilson, Jr., 1977  
 James Lee Wilson, 1987  
 W. G. Woolnough, 1941  
 W. E. Wrather, 1943  
 Peter A. Ziegler, 2009

## Norman H. Foster Outstanding Explorer Award

*The Norman H. Foster Outstanding Explorer Award (formerly the Outstanding Explorer Award 2002–2011) is given in recognition of distinguished and outstanding achievement in exploration for etroleum or mineral resources, by members who have shown a consistent pattern of exploratory success, and with an intended emphasis on recent discovery.*

2002 — Richard W. Beardsley  
 2003 — William J. Barrett  
 2004 — Clayton H. Riddell  
 2005 — John P. Lockridge  
 2006 — Richard L. "Dick" Findley  
 2007 — Dan B. Steward  
 2008 — Dudley J. Hughes  
 2009 — Michael J. Johnson  
 2010 — John Amoroso,  
           J. Denny Bartell  
           Larry Bartell  
 2011 — Douglas K. Strickland  
 2012 — Dan A. Hughes  
 2013 — William A. Zagorski  
 2014 — Orion L. Skinner

## Robert R. Berg Outstanding Research Award

2009 — Bradford E. Prather  
 2010 — Martin P. A. Jackson  
 2011 — Ole Jacob Martinsen  
 2012 — Henry W. Posamentier  
 2013 — Ronald A. Nelson  
           J. Frederick Sarg

2014 — Kevin M. Bohacs  
           Robert G. Loucks

## Michel T. Halbouty Memorial Human Needs Award

*The Michel T. Halbouty Memorial Human Needs Award was given 1972–2004 as AAPG's third highest Award to honor an individual for outstanding application of geology to the benefit of human needs and to recognize scientific excellence.*

1972 — Wallace E. Pratt  
 1973 — Hollis Dow Hedberg  
 1974 — Cecil H. Green  
 1975 — Michel T. Halbouty  
 1976 — Lewis G. Weeks  
 1977 — Martin Van Couvering  
 1978 — Vincent E. McKelvey  
 1979 — M. Gordon Frey  
 1980 — Creighton A. Burk  
 1981 — Thomas W. Dibblee, Jr.  
 1982 — David M. Evans  
 1983 — Harrison H. Schmitt  
 1984 — Dean A. McGee  
 1985 — Leonard F. McCollum  
 1986 — Eugene F. Reid  
 1987 — Richard P. Sheldon  
 1988 — Victor E. Oppenheim  
 1989 — Guillermo P. Salas Guerra  
 1990 — Hans D. Knipping  
 1991 — Roy M. Huffington  
 1992 — Donald F. Todd  
 1993 — Gordon B. Oakeshott  
 1994 — George P. Mitchell  
 1995 — Gabriel Dengo  
 1996 — Farouk El-Baz  
 1997 — Raymond A. Price  
 1998 — Robert S. Yeats  
 1999 — Philip J. Currie  
 2000 — Thomas L. Wright  
 2001 — Robert Calvin Milici  
 2002 — John A. Reinemund  
 2003 — Rex Monahan  
 2004 — Hugh Davies  
 2005 — No Recipient  
 2006 — No Recipient

## Distinguished Service Award

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

1971 — August Goldstein, Jr.  
 1972 — Howard R. Gould  
 1973 — John D. Haun  
           Leslie Bowling

\*Special Commendation Awardee

1974 — John T. Galey	Lee C. Gerhard	Roger M. Slatt
1975 — Jules Braunstein	Scott J. Lysinger	Carlos Maria Urien*
Robert J. Weimer	William H. Matthews III	1997 — Lee T. Billingsley
1976 — James R. Jackson, Jr.	1990 — James A. Helwig	Stewart Chuber
1977 — George V. Cohee	Michael E. "Mike" Hriskevich	Walter P. Grün*
Samuel P. Ellison, Jr.	Lewis S. "Stan" Pittman	Terry L. Hollrah
1978 — Robert H. Dott, Sr.	William H. Roberts III	Frank Horvath*
Frank Gouin	Edward C. Roy, Jr.	John George Kaldi*
1979 — George Copernicus Grow, Jr.	Nahum Schneidermann	Susan M. Morrice
Thomas C. Hiestand	Richard Steinmetz	Emiliano Mutti*
John C. Maher	1991 — Dudley W. Bolyard	David G. Roberts*
1980 — John E. Galley	Robbie Rice Gries	Dan L. Smith
John W. Shelton	George C. Hardin, Jr.	Anthony Tankard
1981 — Bernold M. Hanson	Jerome J. C. Ingels	1998 — Kevin T. Biddle
Frank E. Kottlowski	Edward D. Pittman	Patrick J. F. Gratton
Ralph L. Miller	Robert M. Sneider	C. Dennis Irwin, Jr.
Marion Orville Turner	Don F. Tobin	David A. L. Jenkins
1982 — Donald W. Axford	1992 — Edward A. Beaumont	Brian D. Keith
Garth W. Caylor	Steven H. Harris	Hans H. Krause
William L. Fisher	Christopher P. M. Heath	Celso Fernando Lucchesi*
Herbert G. Davis	Robert G. Lindblom	Raul Mosmann*
Robert L. Fuchs	James A. Peterson	F. Pierce Pratt
Robert J. Gutru	Phillip E. Playford*	Edward G. Purdy*
Richard F. Meyer	1993 — Paul A. Catacosinos	1999 — Abdulla H. Al-Naim*
1983 — Don R. Boyd	John C. "Jack" Dunlap	Jean Dercourt*
Fred A. Dix, Jr.	Mateu Esteban*	Richard Hardman*
James O. Lewis	Gay L. Harmann Larré	Ed W. Heath
D. Keith Murray	Hugh M. Looney	James A. Noel
George B. Pichel	Lucien Montadert*	Roy D. Nurmi
Donald L. Ziegler	Wolfgang Schlager*	Douglas Gene Patchen
1984 — Dudley Harold Cardwell	George D. Severson	Edward B. Picou, Jr.
Robert H. Dott, Jr.	Paul M. Strunk	Stephen A. Sonnenberg
John P. Lockridge	Thomas L. Wright	2000 — Edward D. Dolly
Eric A. Rudd	1994 — Charles S. Hutchison*	Peter M. Lloyd*
Grant Steele	Murray Johnstone*	J. Michael Party
1985 — Thomas D. Barber	R. Pratiatna Koesoemadinata*	Robert T. Sellars, Jr.
Norman H. Foster	Susan Longacre	Robert C. Shoup
George S. Galbraith	Edward McFarlan, Jr.	Dietrich Welte*
James A. Hartman	G. A. S. Nayoan*	Pinar Oya Yilmaz
James S. MacDonald	Khalid Ngah*	2001 — Elizabeth B. Campen
William R. Moran	James P. Rogers	Chuck Caughey
Anthony Reso	John D. Sistrunk, Jr.	Ian Derek Collins
1986 — Allan P. Bennison	Carl J. Smith	Robert L. Countryman
Louis C. Bortz	Arthur M. Van Tyne	Ben D. Hare
Charles F. Dodge III	1995 — Richard S. Bishop	Jean R. Lemmon
Myron K. Horn	Brenda K. Cunningham	Tom Mairs
Roscoe E. Shutt	Edward K. David	Wolfgang E. Schollnberger
1987 — A. T. "Toby" Carleton	Samuel Arthur Friedman	2002 — Thomas S. Ahlbrandt
James A. Gibbs	Kenneth Jinghua Hsu*	Jeffrey Aldrich
John W. Harbaugh	Susan M. Landon	Donald D. Clarke
Daniel F. Merriam	A. John Martin*	John R. Hogg
Bill St. John	Charles R. (Chuck) Noll	2003 — Norbert E. Cygan
Larry D. Woodfork	M. Ray Thomasson	Donald W. Lewis
1988 — James M. Forgotson, Jr.	Peter A. Ziegler*	Steven L. Veal
Gerald Manfred Friedman	1996 — Pablo Cruz-Helu*	Paul Weimer
Robert R. Johnston	Ashton F. Embry	2004 — Royce P. Carr
Robert R. Jordan	George Eynon	Pete G. Gray
John R. Kerns	Jeffrey C. Greenawalt	Jeanne E. Harris
Jack P. Martin	Gary E. Henry	Barry J. Katz
John A. Masters	Gustavas Warfield Hobbs IV	Lowell K. Lischer
1989 — George R. Bole	Maria Antonietta Lorente*	Deborah K. Sacrey
Martha Lou Broussard	Rafael Sanchez-Montes de Oca*	2005 — Adebaya Akinpelu
Clemont H. Bruce	Peter R. Rose	Thomas C. Chidsey, Jr.
David G. Campbell		Thomas E. Ewing

\*Special Commendation Awardee

- Richard G. Green  
Gerald E. Harrington  
R. Randy Ray  
Charles Alan Sternbach  
Jack C. Threet  
Scott W. Tinker
- 2006 – Martin D. Hewitt  
Neil F. Hurley  
John George Kaldi  
Larry C. Knauer  
Jeffrey W. Lund
- 2007 – Adekunle A. Adesida  
Alfredo E. Guzman  
Andrew Hurst  
John C. Lorenz  
Eric P. Mason  
Valary L. Schulz
- 2008 – Katharine Lee Avary  
John (Jack) D. Edwards  
Barry A. Goldstein  
Douglas C. Peters
- 2009 – Alistair R. Brown  
Larry L. Jones  
Mike J. Lakin  
Dalton F. Lackman  
Kenneth M. Mallon  
Randi S. Martinsen  
Robert C. Mummery  
John E. Ritter  
Stephen L. Shaw  
Jack H. West
- 2010 – Martin M. Cassidy  
Rebecca L. Dodge  
Bob A. Hardage  
Dwight "Clint" Moore  
Terence G. O'Hare  
Craig W. Reynolds  
John W. Robinson
- 2011 – Deborah E. Ajakaiye  
Herman Darman  
Rick L. Ericksen  
Gretchen M. Gillis  
Gina B. Godfrey  
Sigrunn Johnsen  
Walter C. "Rusty" Riese
- 2012 – Edith C. Allison  
Susan M. Cunningham  
David A. Dolph  
Paul F. Hoffman  
Alain-Yves Huc  
William A. Morgan  
Adedjoja R. Ojelabi  
Victor H. Vega  
Mark L. Wilson
- 2013 – Eugene L. Ames III  
Mark J. Gallagher  
Frances J. Hein  
Joseph J. Lambiase  
Stephen D. Levine  
Brian E. Lock  
Richard A. Lorentz, Jr.  
William C. Stephens  
Linda R. Sternbach  
Laura C. Zahm

- 2014 – Hussain M. Al-Otaibi  
Donna S. Anderson  
William P. Bosworth  
Peter Burri  
Michael R. Canich Jr.  
David R. Cook  
Mark Cooper  
Bret J. Fossum  
Steven M. Goolsby

## Grover E. Murray Memorial Distinguished Educator Award

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

- 1995 – James Lee Wilson  
1996 – Gerald M. Friedman  
L. L. Sloss  
Robert J. Weimer  
1997 – George B. Asquith  
Robert Louis Folk  
Harold G. Reading  
1998 – Gerard V. Middleton  
Lloyd C. Pray  
1999 – D. L. Blackstone, Jr.  
Peter R. Vail  
Roger G. Walker  
2000 – Robert R. Berg  
John D. Haun  
Ernest A. Mancini  
2001 – John W. Harbaugh  
Clyde H. Moore  
Charles R. Stelck  
2002 – Zuhair Al-Shaieb  
William R. Muehlberger  
Paul E. Potter  
2003 – Albert V. Carozzi  
Frank G. Ethridge  
2004 – Knut O. Bjorlykke  
William E. Galloway  
Andrew D. Miall  
Edward C. Roy, Jr.  
2005 – Aural T. Cross  
Fred Franke Meissner  
Paul Weimer  
2006 – G. Randy Keller  
Brian E. Lock  
Roger M. Slatt  
John Edward Warme  
2007 – Janok P. Bhattacharya  
A. Eugene Fritsche  
Stephan A. Graham  
2008 – Robert S. Gray  
S. George Pemberton

- 2009 – J. Frederick Read  
Finn Surlyk  
2010 – Wayne M. Ahr  
Eric A. Erslev  
Murray K. Gingras  
2011 – Lawrence D. Meckel  
Ronald J. Steel  
2012 – Andrew Hurst  
Howard D. Johnson  
2013 – Carlton E. Brett  
John R. Underhill  
2014 – Joseph A. Cartwright  
Gregor P. Eberli  
Charles Kerans  
Donald R. Lowe

## Harrison Schmitt Award

*The Harrison Schmitt Award recognizes individuals or organizations that, for a variety of reasons, do not qualify for other Association honors and awards. In 2011 the name of the award was changed from the Special Award to the Harrison Schmitt Award.*

- 1973 – Harrison H. "Jack" Schmitt (for lunar exploration)  
1974 – Marcel and Conrad Schlumberger (posthumously) (for development of electrical logging)  
1990 – John F. Bookout (for excellence in exploration leadership)  
1991 – Norman H. Foster and Edward A. Beaumont (for work on the Treatise of Petroleum Geology)  
1995 – James Wood Clarke (for English translation/publication of geological information from Soviet Union and Russia)  
1996 – Wesley G. Bruer (for adding Oregon to the list of producing states with the 1979 discovery of the 70 bcf Mist gas field)  
1996 – Norman D. Newell (for paleoecological studies of Permian Reef complex of W. Texas and organic evolution)  
1997 – Marsha A. Barber (for development of K-12 curricula and teacher training to improve public understanding of energy issues)  
1997 – Eugene M. Shoemaker (for transforming meteor impacts into an accepted geologic process with implications for terrestrial geology and evolution)  
1997 – Paul G. Benedum, Jr. (for leadership of the Claude Worthington Benedum Foundation)  
1997 – Robert E. Megill (for showing petroleum geologists how to express their ideas and cope with

- their science through the use of petroleum economics)
- 1998 — Fred A. Dix, Jr. (for dedicated leadership of the AAPG from 1973 to 1996)
- 1999 — Isaac J. Crumbly (for leadership in creating a technical workforce for the nation's energy industry)
- 1999 — Sarah G. Stanley (for leadership in the development of public centers for workstation training)
- 2000 — Arthur R. Green (for visionary work to develop integrated geoscience and commitment to deliver these products to the geoscience community)
- 2000 — William T. Smith (for outstanding achievement as a working petroleum geologist and oil industry executive)
- 2001 — Kenneth Dale Owen and David L. Rice (for their efforts in restoring the 19th century New Harmony scientific community in Indiana)
- 2001 — Richard Warren (for his commitment to the oil industry while facing personal affliction with fortitude)
- 2001 — J. C. "Jay" Gallagher (posthumously) (for the successful evolution of the International Pavilion)
- 2002 — Emmanuel Tamesis (for contributions to the education of geologists and for achievements in Philippine petroleum exploration)
- 2003 — Waverly Person (for contributions to the field of earthquake studies and establishment of the National Earthquake Information Center)
- 2004 — Dietrich H. Welte (for contributions in petroleum geochemistry and numerical modeling of petroleum systems)
- 2005 — John W. Gibson, Jr. (for his contribution to AAPG's legacy on ethics)
- 2006 — Jorge Ferrer (for efforts to improve international communications)  
Roy H. Gabrielsen (for leadership of academic and industrial petroleum research)
- 2007 — Richard D. Fritz (for visionary leadership and stalwart management of AAPG's scientific and business activities)  
Marcus E. Milling (posthumously) (for leading the American Geological Institute to national prominence in earth science education, public geoscience outreach and government relations.

- 2008 — Nikolai V. Lopatin (for recognizing his lifelong contribution to petroleum geochemistry and establishing some of the most important principles of petroleum maturation and migration)  
Steven L. Veal (for contributing to the AAPG over the past two decades, including service to HoD, DEG, Conventions and the Executive Committee)
- 2009 — Alexi E. Kontorovich  
Akif Ali Narimanov
- 2010 — Robert W. Allen  
George P. Mitchell
- 2011 — Anthony Doré  
Myron K. Horn
- 2012 — Jill Stevens
- 2013 — George B. Asquith  
Martin G. Lockley

## Public Service Award

*The Public Service Award is a walnut plaque bearing the recipient's name, the date, and citation. It is given to recognize contributions of members to public affairs and to encourage geologists to take a more active part in public affairs.*

- 1971 — Dewey F. Bartlett  
1972 — William T. Pecora  
1973 — Ian Campbell  
1974 — Dean A. McGee  
1975 — Lee C. Lamar  
1976 — No Recipient  
1977 — William J. Sherry  
1978 — George T. Abell  
1979 — A. V. Jones, Jr.  
1980 — G. Frederick Shepherd  
1981 — Wilson M. Laird  
1982 — Wallace W. Hagan  
Richard A. Jahns  
1983 — Daniel N. Miller, Jr.  
John B. Patton  
1984 — John Wesley Rold  
Joseph J. Simmons III  
1985 — James A. Barlow  
1986 — Robert D. Gunn  
Cliff J. Nolte  
1987 — Jack G. Elam  
Fred L. Smith, Jr.  
1988 — Charles J. Mankin  
1989 — John A. Taylor  
James W. Vanderbeek  
1990 — Cyril J. Perusek  
1991 — John David Love  
1992 — John H. Gray  
1993 — Virgil E. Barnes  
Charles W. Spencer  
1994 — William Kennon McWilliams, Jr.  
Thomas Walsh Rollins  
1995 — Norbert E. Cygan  
Gerald G. L. Henderson

- 1996 — Alan L. DeGood  
Robert G. H. Reynolds  
E. Gerald Rolf
- 1997 — Samuel T. Pees
- 1998 — Mary Elizabeth Dowse  
David G. Rensink
- 1999 — James E. Brooks  
John Robert Dewey  
Randy A. Foutch
- 2000 — John Harris Marshall, Jr.  
Alvin L. Schultz
- 2001 — Patty Holyfield  
H. Leighton Steward  
John S. Wold
- 2002 — M. Lee Allison  
Lawrence H. Skelton
- 2003 — Charles E. Brown II
- 2004 — John C. Dolson
- 2005 — John W. Hickenlooper
- 2006 — Edward C. Roy, Jr.
- 2007 — Peter T. Flawn  
Lee C. Gerhard  
Edward M. Warner
- 2008 — Ashton F. Embry  
Douglas C. Rateliff
- 2009 — Owen R. Hopkins
- 2010 — Thomas C. Bergeon  
Ahmed N. El Barkooky  
William B. Harrison, III  
Tako Koning
- 2011 — Mark J. Doelger
- 2012 — No Recipient
- 2013 — Alex S. Broun  
Jerome J. Cuzella  
Donald S. Van Nieuwenhuise
- 2014 — John B. Curtis

## Pioneer Award

*The Pioneer Award is an oak plaque bearing the recipient's name, date and place to be given, and year of membership. It is given to long-standing members who have made significant contributions to the association but have been unrecognized.*

- 1997 — Elliott H. Powers  
1999 — Elizabeth Anne Elliott  
2000 — Willam C. Gussow  
Frank P. Sonnenberg  
2001 — No Recipient  
2002 — Craig Ferris  
2003 — Rushdi Said  
Robert M. Sanford  
2004 — No Recipient  
2005 — Philip W. Choquette  
2006 — Frank Royse, Jr.  
2007 — William H. Hunt  
2008 — L. Frank Brown, Jr.  
2009 — James D. Lowell  
2010 — Thomas D. Barrow  
2011 — J. Myles Bowen  
John S. Wold  
2012 — Tim T. Schowalter

- 2013 — Robert E. Fox  
Paul R. Lamerson  
2014 — Vincent Matthews III  
Thomas L. Thompson

## Geosciences in the Media Award

*Geosciences in the Media Award (formerly Journalism Award) is given each year to a person in recognition of notable journalistic achievement in any medium which contributes to public understanding of geology, energy resources, or the technology of oil and gas exploration. The recipient need not be a member of the Association.*

- 1972 — James A. Clark  
1973 — No Recipient  
1974 — Max B. Skelton  
1975 — William D. Smith  
1976 — No Recipient  
1977 — Philip H. Abelson  
1978 — No Recipient  
1979 — No Recipient  
1980 — Walter Sullivan  
1981 — No Recipient  
1982 — John McPhee  
1983 — Ron Redfern  
1984 — James A. Michener  
1985 — No Recipient  
1986 — David Attenborough  
Richard Gore  
1987 — John McPhee  
1988 — No Recipient  
1989 — Horst Heise  
Stephen Schwochow  
1990 — William Rintoul  
1991 — Robert T. Bakker  
1992 — Richard F. "Rick" Williamson  
Daniel Yergin  
1993 — Stephen Jay Gould  
1994 — John R. Horner  
1995 — Wallace R. Hansen  
1996 — Lee C. Gerhard  
Linda Davis Harrar  
1997 — Donald L. Baars  
John Paul Pitts  
1998 — Walter Alvarez  
1999 — Sarah Andrews  
2000 — Walter Youngquist  
2001 — Mountain Press  
2002 — No Recipient  
2003 — Ron Redfern  
Simon Winchester  
2004 — Halfdan Carstens  
Halka Chronic  
2005 — Bill Bryson  
2006 — Michael Crichton  
2007 — Michael J. Economides  
2008 — Tyler Priest  
2009 — No Recipient  
2010 — No Recipient

- 2011 — Ronald C. Blakey  
Tom Zoellner  
2012 — Nick Eyles  
2013 — Kirk Johnson  
Ray Troll  
2014 — Harry Lynch  
Scott W. Tinker  
Scott D. Sampson

## Wallace E. Pratt Memorial Award

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

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

- 2005 — Hongliu Zeng  
Charles Kerans  
2006 — Keith W. Shanley  
Robert M. Cluff  
John W. Robinson  
2007 — Shankar Mitra  
Gerardo C. Figueroa  
Jesus H. Garcia  
Antonio M. Alvarado  
2008 — Graham R. Davies  
Langhorne B. Smith, Jr.  
2009 — Joe Cartwright  
Mads Huuse  
Andrew Aplin  
2010 — David R. Pyles  
2011 — William A. Ambrose  
Tucker F. Hentz  
Florence Bonnafee  
Robert G. Loucks  
L. Frank Brown, Jr.  
Fred P. Wang  
Eric C. Potter  
2012 — Robert H. Lander  
Linda M. Bonnell  
2013 — Andrew C. Aplin  
Joe H. S. Macquaker  
2014 — Sonja Spasojevic  
Michael Gurnis

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

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

- 1945 — William E. Wallace  
1946 — Horace G. Richards  
1947 — Robert F. Walters  
1948 — L. L. Sloss  
W. M. Laird  
1949 — Sherman A. Wengerd  
1950 — F. M. Swain  
Frank Reedy, Jr.  
1951 — Walter B. Spangler  
Jahn J. Peterson  
1952 — Raymond Siever  
1953 — Donald F. Towse  
1954 — Charles C. Bates  
1955 — Paul V. Smith, Jr.  
1956 — J. Law  
Robert H. Dott, Jr.  
1957 — Robert H. Parker  
1958 — John C. Ludwick  
William R. Walton  
1959 — John M. Andrichuk  
1960 — Robert L. Folk  
1961 — Richard W. Fetzner  
1962 — J. G. C. M. Fuller  
1963 — P. G. Temple  
L. J. Perry  
1964 — James M. Forgetson, Jr.

1965 — Harry V. Spooner, Jr.  
 1966 — Dietrich H. Welte  
 1967 — No Recipient  
 1968 — Ghansham D. Sharma  
 1969 — Leo F. LaPorte  
 1970 — Ernst Cloos  
 1971 — Peter Lehner  
 1972 — Hollis D. Hedberg  
 1973 — Mason L. Hill  
 1974 — Rufus J. LeBlanc  
 1975 — Ronald E. Wilcox  
 Tod P. Harding  
 Donald R. "Don" Seely  
 1976 — Daniel A. Busch  
 1977 — Edgar W. Owen  
 1978 — Tod P. Harding  
 1979 — Robert M. Mitchum, Jr.  
 Peter R. Vail  
 John B. Sangree  
 1980 — *Bulletin*  
 Brian D. Evamy  
 Jean Haremboure  
 Peter Kamerling  
 William A. Knapp  
 Felix A. Molloy  
 Paul H. Rowlands  
*Special Publication*  
 Peter A. Scholle  
 1981 — *Bulletin*  
 Michael A. Arthur  
 Seymour O. Schlanger  
*Special Publication*  
 Peter A. Scholle  
 1982 — *Special Publication*  
 Robert J. Cordell  
 William H. Roberts, III  
 1983 — Michel T. Halbouty  
 1984 — George B. Asquith  
 1985 — Albert W. Bally  
 1986 — Gerard Demaison  
 Roelof J. Murriss  
 1987 — Orville Roger Berg  
 Donald G. Woolverton  
 1988 — James A. Peterson  
 1989 — Albert W. Bally  
 1990 — Peter A. Ziegler  
 1991 — Anthony J. Tankard  
 Hugh R. Balkwill  
 1992 — John C. Van Wagoner  
 Robert M. Mitchum, Jr.  
 Kirt M. Champion  
 Victor David Rahmanian  
 1993 — Kevin Thomas Biddle  
 1994 — Roger W. Macqueen  
 Dale A. Leckie  
 1995 — Diana Morton-Thompson  
 Arnold M. Woods  
 1996 — Leslie B. Magoon  
 Wallace G. Dow  
 1997 — Anthony Tankard  
 Ramiro Suárez Soruco  
 Herman J. A. Welsink  
 1998 — Martin P. A. Jackson  
 David G. Roberts  
 Sigmund Snelson  
 1999 — Ronald C. Surdam

2000 — Ben E. Law  
 Gregory F. Ulmishek  
 Vyacheslav I. Slavin  
 2001 — John F. Jordan  
 Richard A. Schatzinger  
 2002 — Marcio R. Mello  
 Barry J. Katz  
 2003 — Marlan W. Downey  
 William A. Morgan  
 Jack C. Threet  
 2004 — Alan R. Huffman  
 Glenn L. Bowers  
 2005 — Peter A. Scholle  
 Dana S. Ulmer-Scholle  
 2006 — G. Michael Grammer  
 Gregor P. Eberli  
 Paul M. (Mitch) Harris  
 2007 — Amos Salvador  
 2008 — P. M. (Mitch) Harris  
 L. J. (Jim) Weber  
 2009 — Tor H. Nilsen  
 Roger D. Shew  
 Gary S. Steffens  
 Joseph R. J. Studlick  
 2010 — Stephen P. Cumella  
 Keith W. Shanley  
 Wayne K. Camp  
 2011 — Claudio Bartolini  
 Juan Rogelio Román Ramos  
 2012 — M. Pöppelreiter  
 C. Garcia-Carballido  
 M. A. Kraaijveld  
 2013 — K. McClay  
 J. H. Shaw  
 J. Suppe  
 2014 — John A. Breyer

1984 — Judith Totman Parrish  
 1985 — Martin P. A. Jackson  
 Steven J. Seni  
 1986 — Martha O. Withjack  
 Daryl Jill D. Pollock  
 1987 — Stephan Alan Graham  
 Loretta Ann Williams  
 1988 — Shankar Mitra  
 1989 — David W. Houseknecht  
 1990 — Richard John Hubbard  
 1991 — Donald A. Medwedeff  
 1992 — Paul Weimer  
 1993 — Bradford E. Prather  
 1994 — Bradford E. Prather  
 1995 — Robert D. Walters  
 1996 — Isabel Patricia Montañez  
 1997 — Laurel B. Alexander  
 Peter B. Flemings  
 1998 — Scott W. Tinker  
 1999 — Andrew David Hindle  
 2000 — Sebastián Galeazzi  
 2001 — Antony Reynolds  
 2002 — Lesli J. Wood  
 2003 — No recipient  
 2004 — Tobias H. D. Payenberg  
 2005 — No Recipient  
 2006 — No Recipient  
 2007 — No Recipient  
 2008 — Alejandro Escalona  
 2009 — David R. Pyles  
 2010 — David R. Pyles  
 2011 — David M. Dutton  
 Bruce D. Trudgill  
 2012 — Alexei V. Milkov  
 2013 — Peter E. K. Deveugle  
 Klaas Verwer  
 2014 — Joseph M. English

## 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

## John W. Shelton Search and Discovery Award

*The John W. Shelton Search and Discovery Award is given at the Annual Convention of the Association each year in recognition of the best contribution to the "Search and Discovery" website in the past year. It is awarded for the outstanding contribution to Search and Discovery for originality of concepts and/or techniques, applicability to, and impact on, exploration for and/or development of hydrocarbon resources and/or energy-mineral resources, clarity in presentation, and quality and added value of illustrative material. The cash award is \$500.*

2009 — Award established  
 2010 — Paul M. (Mitch) Harris  
 2011 — Dwight M. "Clint" Moore  
 Robert O. Brooks  
 2012 — Katherine Giles  
 2013 — Anne Grau  
 Robert H. Sterling

2014 — Neil K. Basu  
Gervasio J. Barzola  
Hector Bello  
Paul R. Clarke  
Oswaldo Vilorio

## George C. Matson Memorial Award

*The George C. Matson Award is made to the speaker presenting before the annual convention of the American Association of Petroleum Geologists that paper which is judged to be best. Papers are judged by the Matson Award Committee on the basis of both scientific quality of content and excellence in presentation. The name of the Matson Award winner is engraved on a large, beautiful silver cup provided by the Matson family. The recipient also receives a plaque on which an engraved miniature replica of the silver cup is displayed. Anyone named as Matson Award winner at three annual conventions is given permanent possession of the large silver trophy.*

1957 — John A. Masters  
1958 — James W. Gwinn  
1959 — Daniel A. Busch  
1960 — Harold W. Owens  
1961 — Horace D. Thomas  
1962 — Eric A. Rudd  
1963 — John Drummond Moody  
1964 — William R. Muehlberger  
1965 — Gordon I. Atwater  
1966 — Lloyd C. Pray  
1967 — Max G. Pitcher  
1968 — Charles A. Biggs, Jr.  
1969 — Arthur A. Meyerhoff  
1970 — Douglas J. Shearman  
1971 — H. O. Woodbury  
1972 — H. E. Cook  
R. P. Nixon  
1973 — Leigh C. Price  
1974 — N. A. Anstey  
1975 — Leigh C. Price  
1976 — Curtis C. Humphris, Jr.  
1977 — Stephen G. Franks  
1978 — Colin Barker  
1979 — Philip H. H. Nelson  
1980 — Robert G. Todd  
Peter R. Vail  
1981 — Roger K. McLimans  
1982 — Colin Barker  
1983 — Clemont H. Bruce  
1984 — Thomas J. Schull  
1985 — Ralph S. Kerr  
1986 — Lisa M. Pratt  
1987 — James Francis Dolan  
1988 — Jon F. Blickwede, Sr.  
1989 — Ian E. Hutcheon  
1990 — Martin P. A. Jackson  
1991 — Michael D. Lewan  
1992 — John Richard Underhill

1993 — P. Joe Hamilton  
1994 — Steven G. Henry  
1995 — Kenneth J. Thies  
1996 — James P. DiSiena  
1997 — Mark B. Allen  
1998 — Joachim E. Amthor  
1999 — Martha Oliver Withjack  
2000 — Wafik Beydoun  
2002 — Henry W. Posamentier  
2003 — Mark Cooper  
Richard G. Harris  
2004 — Frank J. Peel  
2005 — Marian J. Warren  
2006 — Michael R. Hudec  
2007 — Steven H. Brachman  
2008 — Cathy L. Farmer  
2009 — Mark Knackstedt  
2010 — Barbara J. Tilley  
2011 — Santinder Chopra  
2012 — Lars Wensaas  
2013 — Jonathan Allen  
2014 — Stephen Holtkamp

### George C. Matson Memorial Award Top 10 Oral Presenters at the 2013 Annual Meeting in Pittsburgh, PA

**Stephen Holtkamp**  
Brian Currie  
Michael R. Brudzinski

**Jim Hnat**  
Andrea Reynolds  
William Langin  
Joel Le Calvez  
Jeff Tan

**Yunhui Tan**  
Rongmao Zhou  
Terry Engelder  
Shawn Maxwell  
Mike Mueller  
Michael P. Thornton

**Michael Zeller**  
Samuel B. Reid  
Gregor Eberli

**Ted Urbancic**  
Adam Baig  
Ken Kocon  
Krystal Tremblay

**Kevin Bohacs**  
Remus Lazar  
Jeff Ottmann  
Ken Potma  
Timothy Demko

### Caroline M. Burberry

**Ted Playton**  
David Katz  
Kelly Hillbun  
Eric Tohver  
Roger Hocking  
Peter Haines  
Kate Trinajstic

Paul Montgomery  
Jeroen Hansma  
Sergei Pisarevsky  
Joseph Kirschvink  
Maodu Yan  
Ken Ratcliffe

**Harry Mei**  
Daniel Hitzman  
Dongrun Guo  
Bowen Mei

**John Paul Brandenburg**  
Miguel Mora-Glukstad  
Steve Naruk

## 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 Gerandt  
Miguel Giraut  
Bruce H. Nickelsen  
1986 — John R. Suter  
Henry R. Berryhill  
1987 — Alan Ronald Daly  
Janell Diane Edman  
1988 — John C. Lorenz  
Sharon J. Finley  
David I. Norman  
1989 — Alan C. Kendall  
Gill M. Harwood  
1990 — L. M. "Mike" Grace  
Paul Edwin Potter  
R. Gordon Pirie  
1991 — Kate S. Weissenburger  
1992 — Erik R. Lundin  
1993 — Jesús Maguregui Solaguren  
1994 — Rob B. Leslie  
1995 — John R. Sutter  
Kevin M. Bohacs  
1996 — Cynthia L. Blankenship  
Douglas A. Stauber  
David S. Epps  
Chuck Guderjahn  
John D. Oldroyd  
1997 — James C. Niemann  
1998 — Hege Mait Nordgård Bølas  
Christian Hermanrud  
Eirik Vik  
Britta Paasch  
1999 — Eloise Doherty  
Stephen E. Laubach

- 2000 — Brad E. Prather  
Joseph R. Straccia
- 2002 — Martin K. Dubois  
Alan P. Byrnes  
W. Lynn Watney
- 2003 — Vitor Dos Santos Abreu  
Thomas David De Brock  
Kendall Meyers  
Dag Nummedal  
Steven L. Pierce  
William A. Spears
- 2004 — Alan P. Byrnes  
Martin K. Dubois  
Evan K. Franseen  
W. Lynn Watney
- 2005 — Mark Allen  
Eric J-P. Blanc  
Clare Davies  
Adrian Heafford  
Robert A. Scott  
Stephen J. Vincent
- 2006 — Hege Marit Nordgård Bolås  
Christian Hermanrud  
Gunn Mari Grimsmo Teige
- 2007 — George W. Shurr  
Thomas N. Hagggar  
Sarah A. Chadima
- 2008 — Jose I. Guzman  
Rod Sloan  
Shengyu Wu  
Shaoqing Sun
- 2009 — Tim Dooley  
Michael Hudec  
Martin Jackson
- 2010 — Nikki Hemmesch  
Nicholas B. Harris
- 2011 — Eddy Lee  
R. Craig Shipp  
Willem Hack  
J. Larry Gibson  
Fa Dawn
- 2012 — Roger M. Slatt  
Younane Aboulseiman
- 2013 — Simon Campbell  
Stanislaw Mazur  
Nicola Henshaw  
Ahmed Salem  
Adriano Sebastiao  
Jane Saweka  
Artur Oliveira
- 2014 — Satinder Chopra  
Ritesh Sharma

**Jules Braunstein Memorial Award Top 10  
Poster Presentations at the 2013 Annual  
Meeting in Pittsburgh, PA**

Satinder Chopra  
Ritesh Sharma

Van S. Mount  
Ronald E. Harris  
Hector A. Casillas

Kevin J. Smart  
Goodluck I. Ofoegbu

Alan P. Morris  
David A. Ferrill  
Ronald N. McGinnis

Benyamin Sapiie  
Meli Hadiana  
Ade Kurniawan

Jose Delgado  
Farid Djettou  
Benourkhau Noureddine  
Houari Hachelaf  
Zohra Kerboub

Assonman D. Degny  
Brenda L. Kirkland  
Darrel W. Schmitz

Jesal Hirani  
Hilary Corlett  
Anja Eker  
Rob Gawthorpe  
David Hodgetts  
Cathy Hollis  
Atle Rotevatn

Joss Smith  
Rob Gawthorpe  
Simon H. Brocklehurst  
Emma Finch

Amanda Z. Calle  
Brian K. Horton

Xintao Zhang  
Qinglong Xia  
Lixin Tian  
Xinhuai Zhou  
Chengmin Nin

## **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**
- 2001 — **James A. Drahovzal**  
Lawrence H. Wickstrom  
Timothy R. Carr  
John A. Rupp  
Beverly Seyler  
Scott W. White
- 2002 — **Albert S. Wylie, Jr.**
- 2003 — **Langhorne B. (Taury) Smith**  
Richard Nyahay
- 2004 — **Langhorne B. (Taury) Smith**  
Richard Nyahay
- 2005 — **J. Fred Read**
- 2006 — **Frank R. Etensohn**
- 2007 — **Frank R. Etensohn**
- 2008 — **Langhorne B. (Taury) Smith**

- 2009 – **Stephen T. Whitaker**  
Bruce Schonert  
Jon Brenizer  
Bryan Clayton
- 2010 – **Christopher D. Laughrey**  
Herman Lemmens  
Tim Ruble  
Alan R. Butcher  
Greg Walker  
Jaime Kostelnik  
Wayne Knowles
- 2011 – **Anne Oudinot**  
Karine Schepers  
Nino Ripepi
- 2013 – **Hannes Leetaru**  
Robert J. Finley

#### Gulf Coast Section

- 1966 – **B. J. Sloane, Jr.**  
1967 – **Hunter Yarborough, Jr.**  
1968 – **John D. Myers**  
1969 – **James K. Rogers**  
1970 – **John J. Amoruso**  
1971 – **Hunter Yarborough, Jr.**  
1972 – **Robert R. Berg**  
1973 – **James M. Coleman**  
L. D. Wright
- 1974 – **Donald H. Kupfer**  
1975 – **John D. Myers**  
1976 – **Arthur R. Troell**  
J. D. Robinson
- 1977 – **David K. Davies**  
William R. Almon
- 1978 – **Charles T. Siemers**  
1979 – **Robert R. Berg**  
1980 – **Ernest A. Mancini**  
1981 – **Edward C. Roy, Jr.**  
Mark Eidelbach  
Nancy Trumbly
- 1982 – **Thomas E. Ewing**  
S. Christopher Caran
- 1983 – **John W. Cagle**  
M. Ali Khan
- 1984 – **Gary L. Kinsland**  
1985 – **William E. Galloway**  
1986 – **Shirley P. Dutton**  
1987 – **Shirley P. Dutton**  
Robert J. Finley  
Karen L. Herrington
- 1988 – **Ian Lerche**  
John J. O'Brien
- 1989 – **Peter J. Hutchinson**  
1990 – **Michael P. Prescott**  
1991 – **Andrew J. Davidoff**  
1992 – **Harry H. Roberts**  
Douglas J. Cook  
Mark K. Sheedlo
- 1993 – **Wayne Carew**  
Glenn L. Krum  
Paul F. Ostendorf
- 1994 – **John A. Rhodes**  
1995 – **Mary J. Broussard**  
Brian E. Lock
- 1996 – **David J. Hall**  
1997 – **Brad A. Robison**  
Roco Detomo, Jr.

- R. David Garner  
Arie Speksnijder  
Michael J. Styzen
- 1998 – **Thomas E. Ewing**  
1999 – **William C. Dawson**  
William R. Almon
- 2000 – **Fuping Zhu**  
Richard L. Gibson, Jr.  
Joel S. Watkins  
Sung H. Yuh
- 2001 – **Kevin B. Hill**  
2002 – **Steven T. Knapp**  
2003 – **William A. Ambrose**  
Juan Alvarado  
Mario Aranda  
L. F. Brown, Jr.  
J. C. Flores  
Khaled Fouad  
Edgar Guevara  
Ulises Hernandez  
David C. Jenette  
Gerardo Lopez  
Eduardo Macias  
Shinichi Sakurai  
F. Sanchez  
Daniel Velez  
Tim Wawrzyniec
- 2004 – **Roger A. Young**  
Robert D. LoPiccolo
- 2005 – No Recipient  
2006 – **Mary L. Barrett**  
John P. Goodson, Jr.
- 2007 – **Angela McDonnell**  
Mike Hudec  
Martin P. A. Jackson
- 2009 – **John B. Wagner**  
2010 – **Robert Loucks**  
Robert Reed  
Stephen Ruppel  
Ursula Hammes
- 2011 – No Recipient (meeting canceled)  
2012 – **Michael R. Hudec**  
2013 – **Jonathan P. Parker**  
Claudia Montoya  
Richard Uden  
Oleg Yakovlev  
Michael Murat

#### Mid-Continent Section (Biennial Meetings)

- 1967 – **Philip C. Withrow**  
1969 – **Thomas R. Cambridge**  
1971 – **Terrence J. Donovan**  
1973 – **Thomas W. Amsden**  
1975 – **W. J. Ebanks, Jr.**  
1977 – **D. W. Stearns**  
1979 – **Donald C. Swanson**  
1981 – **David W. Houseknecht**  
Anthony T. Iannacchione  
Mark A. Kuhn  
Albert P. Matteo  
David J. Steyaert  
John F. Zaengle
- 1983 – **David Gagliardo**  
1985 – **J. Reed Lyday**  
1987 – **David W. Houseknecht**  
Lori A. Hathon

- 1989 – **Edward D. Pittman**  
Laura L. Wray
- 1991 – **William A. Miller**  
Gregory L. Brown  
Emily M. Hundley-Goff  
Steven L. Veal
- 1993 – **Robert J. Weimer**  
1995 – **R. Nowell Donovan**  
1997 – **Jerry G. McCaskill, Jr.**  
1999 – **Kenneth S. Johnson**  
2001 – **Michael Bruemmer**  
Monica Turner-Williams  
Wan Yang
- 2003 – **Allen K. Chamberlain**  
2005 – **Raymond P. Sorenson**  
2007 – **Timothy R. Carr**  
D. F. Merriam
- 2009 – **Shane Matson**  
2011 – **Shane E. Matson**  
Charles W. Wickstrom  
Gregory B. Flournoy  
Steve W. Tilley

#### Pacific Section

- 1968 – **David W. Scholl**  
David M. Hopkins  
H. Gary Greene  
Edwin E. Buffington
- 1969 – **Robert F. Dill**  
1970 – **John W. Harbaugh**  
1971 – No Recipient  
1972 – **M. Keith Scribner**  
Stanford Eschner
- 1973 – No Recipient  
1974 – **John A. Minch**  
1975 – **David R. Butler**  
1976 – **D. L. Ziegler**  
John H. Spotts
- 1977 – **David W. Scholl**  
Alan K. Cooper
- 1978 – **William R. Dickinson**  
Alan K. Cooper
- 1978 – **William R. Dickinson**  
Raymond V. Ingersoll
- 1979 – **C. Elizabeth Koch**  
1980 – **Lee F. Krystinik**  
1981 – No Recipient  
1982 – **Margaret A. Keller**  
1983 – **Richard P. Thomas**  
1984 – **John N. Thomson**  
Richard G. Blake  
Richard W. Boyd
- 1985 – **Ronald C. Crane**  
1986 – **R. E. Chamberlain**  
Victor M. Madrid
- 1987 – No Recipient  
1988 – **James C. Ingle, Jr.**  
1989 – **Donald D. Miller**  
Thomas E. Covington  
John G. McPherson
- 1990 – No Recipient  
1991 – **John M. Lohmar**  
Scott R. Morgan
- 1992 – **Donald A. Medwedeff**  
Joseph T. C. Lin

Timothy R. Carr  
John M. Stafford  
1993 – **Robert A. Horton, Jr.**  
1994 – **Michael D. Campbell**  
Walter E. Reed  
1995 – **Ronald C. Crane**  
1996 – No Recipient  
1997 – **Joseph A. Nahama**  
Rod Nahama  
1998 – **Michael F. Ponek**  
A. G. Mathews  
1999 – **Brian J. Casey**  
2000 – **Dalton F. Lockman**  
Philip Cerveney  
Dana Coffield  
Russell Davies  
Graham Dudley  
Richard Fox  
Rop Knipe  
Robert Krantz  
Stephen Lewis  
2001 – **Michael J. Richey**  
2002 – **H. W. Swan**  
2003 – **Morgan D. Sullivan**  
2004 – **Michael S. Clarke**  
Dale Julander  
Tom Zalan  
2005 – **Jacob A. Covault**  
Stephen A. Graham  
William R. Normack  
2006 – No Recipient  
2007 – No Recipient  
2008 – **Scott T. Hector**  
Mike Johns  
Brian Cunningham  
2009 – **Timothy R. McHargue**  
Julian Clark  
Andrea Fildani  
Marjorie Levy  
Brian Romans  
Jacob Covault  
Morgan Sullivan  
Michael Pycz  
Henry Posamentier  
2010 – **Grant Garven**  
Byeongju Jung  
James R. Boles  
2011 – **David W. Houseknecht**  
Ken J. Bird  
2012 – No Recipient  
2013 – **Todd J. Green**  
**Rocky Mountain Section**  
1966 – **Lloyd C. Pray**  
Philip W. Choquette  
1967 – **Frank A. Exum**  
John C. Harms  
1968 – No Recipient  
1969 – **James E. Fassett**  
1970 – No Recipient  
1971 – **Richard W. Volk**  
1972 – **Robert J. Weimer**  
1973 – **Esther R. Jamieson Magathan**  
**Lyle A. Hale**

1974 – **Fred Meissner**  
1975 – **Donald E. Owen**  
1976 – **John P. Lockridge**  
1977 – **William E. Galloway**  
1978 – **Randi S. Martinsen**  
R. W. Tillman  
1979 – **Henry W. Roehler**  
1980 – Norman H. Foster  
Edward D. Dolly  
1981 – **Charles W. Spencer**  
Ben E. Law  
1982 – **Mark W. Longman**  
Thomas G. Fertal  
James S. Glennie  
1983 – **James R. Steidtmann**  
Linda C. McGee  
Larry Middleton  
1984 – **Gary C. Mitchell**  
1985 – **Robbie R. Gries**  
1986 – **Thomas A. Ryer**  
Edmund R. Gustason  
Sarah K. Odland  
1987 – **Alan K. Chamberlain**  
1988 – **Jerry L. Clayton**  
J. David King  
Joel S. Leventhal  
Carlos M. Lubeck  
Ted A. Daws  
1989 – **Edmund R. Gustason**  
1990 – **John C. Lorenz**  
1991 – **Michael L. Hendricks**  
1992 – **Arnold Wood**  
1993 – **Eric H. Johnson**  
1994 – No Recipient  
1995 – **Thomas A. Ryer**  
Paul B. Anderson  
1996 – **Michael L. Hendricks**  
1997 – **Lawrence A. McPeck**  
George E. Newman  
M. Ray Thomasson  
1998 – **No Recipient**  
1999 – **Kurt N. Constenius**  
2000 – **Laird B. Thompson**  
Peter H. Hennings  
2001 – No Recipient  
2002 – **David R. Pyles**  
2003 – No Recipient  
2004 – **Robert A. Lamarre**  
Stephen K. Ruhl  
2005 – **Glenn Ulrich**  
Roland De Bruyn  
Mark Finkelstein  
2006 – **Geoff D. Thyne**  
2007 – **Vincent G. Rigatti**  
Tony LeFevre  
Richard Newhort  
Kimberly Kaiser  
Scott Goodwin  
Robert Parney  
2008 – **Rex D. Cole**  
Matthew J. Pranter  
2009 – **No Recipient**  
2010 – **Charles E. Bartberger**  
Ira Pasternack

2011 – **John C. Lorenz**  
Scott P. Cooper  
2012 – **Timothy Nesheim**  
Stephan Nordeng  
**Southwest Section**  
1968 – **Donald C. Swanson**  
1969 – **Karl W. Klement**  
1970 – **Edward R. Tegland**  
1971 – **Daniel A. Busch**  
1972 – **Orville L. Bandy**  
1973 – **John J. Amoruso**  
1974 – **Ralph L. Horak**  
1975 – No Recipient  
1976 – **Robert R. Berg**  
M. H. Mitchell  
1977 – **Clayton S. Valder, Jr.**  
1978 – **Stephen E. Collings**  
1979 – **James O. Lewis**  
1980 – **David Austin Jones**  
Jack H. Kelsey  
1981 – **Naresh Kumar**  
Jack Dolph Foster  
1982 – **Craig D. Caldwell**  
John P. Hobson, Jr.  
Donald F. Toomey  
1983 – **S. J. Mazzullo**  
1984 – **Dean C. Hamilton**  
1985 – **Robert Berg**  
John T. Leethem  
1986 – **S. J. Mazzullo**  
Alastair M. Reid, II  
Sue Tomlinson Reid  
1987 – **Edwin Pinero**  
Ronald D. Kreisa  
1988 – **Terence L. Britt**  
1989 – **John L. Thoma**  
1990 – **Louis J. Mazzullo**  
1991 – **Arthur W. Cleaves**  
1992 – **J. F. "Rick" Sarg**  
1993 – **David Childers**  
Mark W. Shuster  
1994 – **Salvatore J. Mazzullo**  
1995 – **John M. Armentrout**  
1996 – **George B. Asquith**  
1997 – **Donald C. Swanson**  
1998 – **Greg A. Norman**  
1999 – **Louis J. Mazzullo**  
2000 – **Shirley P. Dutton**  
Mark D. Barton  
William A. Flanders  
Helena H. Zirczy  
2001 – **Bob A. Hardage**  
2002 – **Ron F. Broadhead**  
2003 – **Russel K. Davies**  
Jimmy D. Thomas  
2004 – **Eugene Rankey**  
2005 – **Daniel M. Jarvie**  
Ronald J. Hill  
Richard M. Pollastro  
2006 – **Robert G. Loucks**  
Stephen C. Ruppel  
2007 – **Alton A. Brown**  
2008 – **Rick Turner**  
2009 – **Lyn Canter**

- 2010 — **Martin Selznick**  
 2011 — **Paul H. Pausé**  
 2012 — **Joel D. Walls**  
 Brian Driskill  
 Steven W. Sinclair  
 2013 — **Thomas Ewing**

## Gabriel Dengo Memorial Award

*The Gabriel Dengo Memorial Award (formerly the Best International Paper Award) is given to the speaker presenting, before the AAPG International Conference, the paper judged to be the best, as determined by a judging committee, based on both scientific quality of content and excellence in presentation.*

- 1991 — Frank J. Picha  
 1992 — P. Joe Hamilton  
 1993 — Chris Clayton  
 1994 — John Van Wagoner  
 1995 — Martin Schoell  
 1996 — John O'Leary  
 1997 — Peter R. Rose  
 1998 — Kevin M. Bohacs  
 1999 — Rob J. Knipe  
 2000 — Alfredo E. Prelat  
 2001 — No Recipient  
 2002 — Robert F. Marten  
 James A. Keggins  
 2003 — Roy C. Davies  
 Ron Boyd  
 John Howell  
 2004 — José Alejandro Luquez  
 2005 — Marek Kacewicz  
 2006 — Dale A. Leckie  
 2007 — No Conference  
 2008 — Charles Kerans  
 2009 — Pedro V. Zalán  
 Maria do Carmo G. Severino  
 João Alberto B. Oliveira  
 Luciano P. Magnavita  
 Webster U. Mohriak  
 Rogério C. Gontijo  
 Adriano R. Viana  
 Peter Szatmari  
 2010 — Jennifer Scott  
 John Guthrie  
 Steve Crews  
 Graeme Gordon  
 Benn Hansen  
 Niall McCormack  
 Dean Griffin  
 Laura Lawton  
 Rod Graham  
 Tim Grow  
 Andy Pepper  
 Caroline Burke  
 2011 — Jonny Hesthammer  
 2012 — John Tinnen  
 2013 — Irene Arango

## Ziad Beydoun Memorial Award

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

- 1991 — A. Ewan Campbell  
 Jan Staffleu  
 1992 — John M. Armentrout  
 Lei-KuangLeu  
 Jorge J. Faz  
 1993 — Richard Wrigley  
 1994 — Zainuddin Yusoff  
 1995 — Claude Guyot  
 Andre Coajou  
 A. Ribeiro  
 1996 — Leon J. Aden  
 Robert E. Bierley  
 1997 — Rémi Eschard  
 Olivier Lerat  
 Didier Granjeon  
 Brigitte Doligez  
 Guy Desaubliaux  
 François Lafont  
 1998 — Stanley T. Paxton  
 Gary C. Stone  
 Barbara L. Faulkner  
 1999 — Joseph M. Finneran  
 Yatindranath Keith Bally  
 2000 — Richard Hillis  
 2001 — No Recipient  
 2002 — Philip D. Heppard  
 Daniel Ebrom  
 Michael Mueller  
 Leon Thomsen  
 Toby Harrold  
 2003 — Tore M. Loseth  
 Ole J. Martinsen  
 Jan C. Rivenaes  
 Kristian Soegaard  
 John Thurmond  
 2004 — Richard H. Fillon  
 Harry H. Roberts  
 2005 — Denis Marchal  
 Jean-Marc Daniel  
 Misael Alvear  
 2006 — Jonny Wu  
 Ken McClay  
 Paul Whitehouse  
 2008 — George Pemberton  
 Murrays Gingras  
 James MacEachern  
 2009 — Paul Markwick  
 Mohamed Raddadi  
 Lauren Raynham  
 Steve Tomlinson  
 Emma Edgecombe  
 Dennis Rowland  
 Robert Bailiff  
 Amanda Galsworthy  
 Neil Wrobel  
 2010 — Kathryn Hoffmeister  
 Diane Kamola

- 2011 — Stan Abele  
 Rocky Roden  
 2012 — Bodo Katz  
 David Sibley  
 Adam J. Vonk  
 2013 — Jamie O. Castillo  
 Victor Castro  
 Alfredo Ramirez  
 Carlos Mora  
 Johana Paola Blanco Martinez  
 Claudia Ceballos

## AAPG House of Delegates Awards

### Honorary Member of the House

Edward Wyman Heath

### Distinguished Member of the House

Paul W. Britt

Margaret Anne Rogers

### House Long Service Award

Royce P. Carr

Terry Hollrah

### Recognition of Service Award

Lawrence H. Wickstrom, HoD Chair

Dan A. Billman, HoD Secretary/Editor

### Delegates Receiving the 15-Year Certificate of Service HoD

Steven H. Brachman

John G. Kaldi

### Delegates Receiving the Nine-Year Certificate of Service HoD

Peter W. Baillie

Kathleen "Kara" C. Bennet

John R. V. Brooks

Mary E. Dowse

L. G. Joe Eubanks

Steven M. Goolsby

Michael B. Hauck

Chengzao Jia

Gopal Lahiri

Michael McWalter

Scott W. Tinker

John T. Williams

## Foundation Weeks Medal Award

*The L. Austin Weeks Memorial Medal is given in recognition for extraordinary philanthropy and service directed to advance the mission of the AAPG Foundation. The Foundation award honors the late L. Austin Weeks, whose philanthropic legacy set an exemplary standard.*

2008 — Marta S. Weeks

2009 — Boone Pickens

2010 — Lawrence W. Funkhouser

2011 — Jack C. Threet

2012 — William J. Barrett

2013 — Robert Gunn

2014 — James A. Hartman

## Foundation Chairman's Award

*The AAPG Foundation Chairman's Award is given to recognize persons who have made extraordinary contributions (monetary or service) to the AAPG Foundation, and also to call attention to the role and value of the Foundation.*

1999 — Michel T. Halbouty  
2000 — L. Austin Weeks  
2001 — James E. Wilson  
2002 — Merrill W. Haas  
2003 — Hugh Looney  
2004 — Lawrence W. Funkhouser  
2005 — Fred A. Dix, Jr.  
2006 — Robert W. Esser  
2007 — Eugene F. Reid  
2008 — Jack C. Threet  
2009 — John W. Shelton  
2010 — David Scott Holland  
2011 — William E. Crain  
2012 — Herbert G. Davis  
2013 — Richard Baile  
2014 — Charles Weiner

## Teacher of the Year Award

*The Teacher of the Year Award is given to a K–12 teacher for "Excellence in the Teaching of Natural Resources in the Earth Sciences." Nominations are submitted by AAPG Affiliated Societies and Sections, with the final selection made by a subcommittee of the AAPG Youth Education Activities Committee. Funded by the AAPG Foundation, the winning teacher's school is given \$2,500 for the teacher's use in the classroom, and the teacher also receives \$2,500 cash, plus an expense paid trip to the next AAPG Annual Meeting to receive the award.*

1996 — Jane Justus Frazier  
1997 — No Recipient  
1998 — No Recipient  
1999 — Herbert L. Turner  
2000 — Peggy Lubchenco  
2001 — John McKinney  
2002 — Kevin Leineweber  
2003 — Amy J. John  
2004 — Michael Fillipow  
2005 — Marilyn Bachman  
2006 — James G. Schulz  
2007 — Ryan Henry  
2008 — Mary Fitts

2009 — Ty Robinson  
2010 — L. Stef Paramoure  
2011 — Sharon Milito  
2012 — Jonna Gentry  
2013 — Chris Bolhuis  
2014 — Heather McArdle

## AAPG Division of Professional Affairs

### Life Member

Thomas Ewing

### Distinguished Service

Dan A. Billman  
Michael R. Canich

### Heritage Award

Bud Brigham  
Jim Bob Moffett  
Clay Riddell

### DPA Past President's Award

Charles Sternbach

### Certificates of Merit

Mark Gallagher  
John Williams  
Bob Trevail

### Recognition of Distinction

Robert C. Shoup

### DPA Best Paper — AAPG ICE 2013

Flavio Feijo

## AAPG Energy Minerals Division (EMD)

### EMD Honorary Membership

William A. Ambrose

### EMD Distinguished Service Award

Arthur H. Johnson

### EMD Distinguished Service Award

Douglas G. Patchen

### EMD Past President's Award

Andrea A. Reynolds

### EMD Certificate of Merit

Douglas G. Patchen

Thomas Mroz

Scott McColloch

Junior Jenkins

James Wigal

Nancy J. "Anne" Fix

Paul Basinski

Neil Fishman

### Frank Kottowski Memorial Award (Best Paper 2013)

Steven G. Crews, John M. Guthrie,  
Khurram Ahmed, and John A. Vines

### President's Certificate for Excellence in Presentation (Oral Presentation 2013)

David K. Baskin, Mark McCaffrey, and Alan Kornacki

Camron Miller, Erik Rylander, Rick Lewis, Steve Sinclair, Tianmin Jiang, Barry Dean, and Helena Gamero

### Loyd Carlson Memorial Award (Best Poster 2013)

Eric Hart and Jeffrey Nunn

### President's Certificate for Excellence in Presentation (Poster Presentation 2013)

William A. Ambrose, Bruce L. Cutright, and Dieter Beike

## AAPG Division of Environmental Geosciences (DEG)

### DEG Honorary Award

Douglas C. Peters

### Public Outreach

Charlotte Sullivan

### Certificates of Merit

Katherine W. Schmid

William Murray

Danielle Deemer

Kristin Carter

Tom Jordan

Sergio Sarmiento

### DEG Corporate Award for Excellence in Environmental Stewardship

Shell Appalachia Development Team  
Shell Exploration & Production Co.

### Bernold M. "Bruno" Hanson DEG Excellence of Presentation Award

Tip Merkel, Nathan Bangs, Ramon Trevino

### Best Poster Presentation (2013)

Mark Engle, Carleton R. Bern, Adam Boehlke, Nicholas John Geboy, Karl Schroder, John W. Zupancic

### Best Poster #2

Marlo R. Gaway, Toti Larson, Katherine Romanak, Susan Hovorka, Tommy J. Phelps

### Past President's Award

Tom Temples Division of Environmental Geosciences President 2012–2013

# AAPG Executive Committees

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

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

\*Deceased

Term	President	Vice President	President-Elect	Secretary
1972–73	James E. Wilson, Jr.*	Samuel P. Ellison, Jr.*	Daniel A. Busch*	Ted L. Bear*
1973–74	Daniel A. Busch*	August Goldstein, Jr.*	Merrill W. Haas*	Bernold M. "Bruno" Hanson*
1974–75	Merrill W. Haas*	Duncan A. McNaughton*	John E. Kilkenny*	Bernold M. "Bruno" Hanson
1975–76	John E. Kilkenny*	Frank C. Crawford*	John D. Moody*	Robey H. Clark*
1976–77	John D. Moody*	Ralph L. Miller*	Edd R. Turner*	Robey H. Clark
1977–78	Edd R. Turner*	Edwin P. Kerr*	Robert D. Gunn	John J. Amoruso
1978–79	Robert D. Gunn	Thomas D. Barber*	John D. Haun	John J. Amoruso
1979–80	John D. Haun	D. Keith Murray	Robey H. Clark*	Donald R. Boyd*
1980–81	Robey H. Clark*	Eugene F. Reid*	Frank W. Harrison, Jr.	Donald R. Boyd
1981–82	Frank W. Harrison, Jr.	John L. Severson*	John M. Parker*	James A. Hartman
1982–83	John M. Parker*	John P. Lockridge	John J. Amoruso	James A. Hartman
1983–84	John J. Amoruso	Robert D. Cowdery	Ted L. Bear*	James A. Gibbs
1984–85	Ted L. Bear*	Gerald M. Friedman*	William L. Fisher	James A. Gibbs
1985–86	William L. Fisher	Clemont H. Bruce*	Bernold M. "Bruno" Hanson*	Richard R. Bloomer*
1986–87	Bernold M. "Bruno" Hanson*	James M. Forgotsen, Jr.	Lawrence W. Funkhouser	Richard R. Bloomer
1987–88	Lawrence W. Funkhouser	Jerome J. C. Ingels	Norman H. Foster*	Michael E. Hriskevich*
1988–89	Norman H. Foster*	John W. Shelton	James O. Lewis, Jr.*	Michael E. Hriskevich
1989–90	James O. Lewis, Jr.*	John W. Harbaugh	James A. Gibbs	Arthur M. Van Tyne
1990–91	James A. Gibbs	David G. Campbell	Robert J. Weimer	Arthur M. Van Tyne
1991–92	Robert J. Weimer	Donald W. Axford*	Harrison L. Townes	Richard S. Bishop
1992–93	Harrison L. Townes	Donald L. Ziegler	Don F. Tobin*	Richard S. Bishop
1993–94	Don F. Tobin*	Robert G. Lindblom	A. T. "Toby" Carleton	G. Warfield Hobbs
1994–95	A. T. "Toby" Carleton	Stewart Chuber	Eugene F. "Bud" Reid*	G. Warfield Hobbs
1995–96	E. F. "Bud" Reid*	Stephen A. Sonnenberg	Robert D. Cowdery	Robbie Gries
1996–97	Robert D. Cowdery	David A. L. Jenkins	Edward K. David	Robbie Gries
1997–98	Edward K. David	Roy D. Nurmi	Richard S. Bishop	Elizabeth B. Campen
1998–99	Richard S. Bishop	Martha Lou Broussard	M. Ray Thomasson	Elizabeth B. Campen
1999–00	M. Ray Thomasson	Carl J. Smith	Marlan W. Downey	Charles R. Noll
2000–01	Marlan W. Downey	Ronald A. Nelson	Robbie Rice Gries	Charles R. Noll
2001–02	Robbie R. Gries	Donald W. Lewis	Daniel L. Smith	Charles J. Mankin*
2002–03	Dan L. Smith	Peter M. Lloyd	Stephen A. Sonnenberg	Charles J. Mankin
2003–04	Stephen A. Sonnenberg	Erik P. Mason*	Patrick J. F. Gratton	Robert L. Countryman
2004–05	Patrick J. F. Gratton	Neil F. Hurley	Peter R. Rose	Robert L. Countryman
2005–06	Peter R. Rose	Steven L. Veal	Lee T. Billingsley	J. Michael Party
2006–07	Lee T. Billingsley	John C. Dolson	Willard R. Green	J. Michael Party

Term	President	Sections Vice President	Regions Vice President	President-Elect
2007–08	Willard "Will" R. Green	John M. Armentrout	John R. Hogg	Scott W. Tinker
2008–09	Scott W. Tinker	W. C. "Rusty" Riese	John R. Hogg	John C. Lorenz
2009–10	John C. Lorenz	W. C. "Rusty" Riese	Alfred E. Guzmán	David G. Rensink
2010–11	David G. Rensink	Marvin D. Brittenham	Alfred E. Guzmán	Paul Weimer
2011–12	Paul Weimer	Marvin D. Brittenham	Stuart D. Harker	Edward A. Beaumont
2012–13	Edward A. Beaumont	Thomas E. Ewing	Stuart D. Harker	Lee Krystinik
2013–14	Lee Krystinik	Thomas E. Ewing	John Kaldi	Randi Martinsen
2014–15	Randi Martinsen	Steve Brachman	John Kaldi	John Hogg

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

\*Deceased

<b>Term</b>	<b>Treasurer</b>	<b>Editor</b>	<b>Chairman, House of Delegates</b>
1985–86	John R. Kerns	James A. Helwig	Larry D. Woodfork
1986–87	Anthony Reso	James A. Helwig	John L. Stout
1987–88	Anthony Reso	James A. Helwig	Martha Lou Broussard
1988–89	Paul M. Strunk	James A. Helwig	George A. Hillis
1989–90	Paul M. Strunk	Susan A. Longacre	Brenda K. Cunningham
1990–91	Edward K. David	Susan A. Longacre	John C. Osmond
1991–92	Edward K. David	Susan A. Longacre	Willard R. Green
1992–93	Susan M. Landon	Susan A. Longacre	Kenneth O. Seewald*
1993–94	Susan M. Landon	Kevin T. Biddle	Gerald A. Cooley*
1994–95	Lee T. Billingsley	Kevin T. Biddle	Ed W. Heath
1995–96	Lee T. Billingsley	Kevin T. Biddle	Thomas Ahlbrandt
1996–97	Steven L. Veal	Kevin T. Biddle	Patrick J. F. Gratton
1997–98	Steven L. Veal	Neil F. Hurley	Daniel L. Smith
1998–99	Terry L. Hollrah	Neil F. Hurley	Tom Mairs*
1999–00	Terry L. Hollrah	Neil F. Hurley	John R. Hogg
2000–01	Edward B. Picou, Jr.	Neil F. Hurley	Lowell K. Lischer
2001–02	Edward B. Picou, Jr.	John C. Lorenz	Edward D. Dolly
2002–03	Paul Weimer	John C. Lorenz	Terry L. Hollrah
2003–04	Paul Weimer	John C. Lorenz	George Eynon
2004–05	Dwight "Clint" Moore	Ernest A. Mancini	Valary L. Schulz
2005–06	Dwight "Clint" Moore	Ernest A. Mancini	Don D. Clarke
2006–07	Randi S. Martinsen	Ernest A. Mancini	Larry L. Jones

<b>Term</b>	<b>Secretary</b>	<b>Treasurer</b>	<b>Editor</b>	<b>Chairman, House of Delegates</b>
2007–08	Edward "Ted" A. Beaumont	Randi S. Martinsen	Gretchen M. Gillis	Martin D. Hewitt
2008–09	Edward "Ted" A. Beaumont	Kay L. Pitts	Gretchen M. Gillis	George R. Bole
2009–10	William S. Houston	Kay L. Pitts	Gretchen M. Gillis	Stephen A. Sonnenberg
2010–11	William S. Houston	James S. McGhay	Stephen E. Laubach	David H. Hawk
2011–12	Denise M. Cox	James S. McGhay	Stephen E. Laubach	Jeffrey W. Lund
2012–13	Denise M. Cox	Deborah K. Sacrey	Stephen E. Laubach	R. Randy Ray
2013–14	Richard W. Ball	Deborah K. Sacrey	Michael Sweet	Lawrence H. Wickstrom
2014–15	Richard W. Ball	Jim Tucker	Michael Sweet	David A. Dolph

## Energy Minerals Division Executive Committees

<b>Term</b>	<b>President</b>	<b>Vice President</b>	<b>Secretary-Treasurer</b>
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

<b>Term</b>	<b>President</b>	<b>Vice President</b>	<b>Secretary</b>	<b>Treasurer</b>
1997–98	Margaret Anne Rogers	Lawrence L. Brady	Samuel A. Friedman	Carroll F. Knutson

<b>Term</b>	<b>President</b>	<b>Vice President</b>	<b>President-Elect</b>	<b>Secretary</b>	<b>Treasurer</b>
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

Term	President	Vice President	President-Elect	Secretary	Treasurer
2001-02	Andrew R. Scott	Chacko J. John	Rebecca L. Dodge	Alexander R. Papp	Michael A. Wiley
2002-03	Rebecca L. Dodge	Alexander R. Papp	Chacko J. John	Walter B. Ayers, Jr.	Michael A. Wiley
2003-04	Chacko J. John	Peter D. Warwick	Brian J. Cardott	Elizabeth B. Campen	Michael A. Wiley
2004-05	Brian J. Cardott	Elizabeth B. Campen	Peter Warwick	Samuel H. Limerick	Michael A. Wiley
2005-06	Peter Warwick	Creties Jenkins	William A. Ambrose	Samuel H. Limerick	K. David Newell
2006-07	William A. Ambrose	Jack C. Pashin	Douglas G. Patchen	Elizabeth B. Campen	K. David Newell
2007-08	Douglas G. Patchen	Larry M. Knox	Creties Jenkins	Elizabeth B. Campen	Neil S. Fishman
2008-09	Creties D. Jenkins	Andrea A. Reynolds	Frank E. Walles	Amy E. Sullivan	Neil S. Fishman
2009-10	Frank E. Walles	Fran Hein	Michael D. Campbell	Amy E. Sullivan	Kent A. Bowker
2010-11	Michael D. Campbell	Genevieve B. Young	Stephen M. Testa	Frances J. Hein	Kent A. Bowker
2011-12	Stephen M. Testa	Dale A. Fritz	Andrea Reynolds	Frances J. Hein	David E. Tabet
2012-13	Andrea Reynolds	Robert A. Trevail	Jeremy Boak	Bruce Handley	David E. Tabet
2013-14	Jeremy Boak	James G. Clough	Frances J. Hein	Bruce Handley	Charles Morris Boyer II
2014-15	Frances J. Hein	Anne C. Draucker	Robert A. Trevail	Bruce T. Mitchell	Charles Morris Boyer II

## Division of Professional Affairs Executive Committees

Term	President	Vice President	Secretary -Treasurer
1968-69	W. Dow Hamm*	Frank B. Conselman*	Willis G. Meyer*
1969-70	George R. Gibson*	John T. Rouse*	Ted L. Bear*
1970-71	James O. Lewis, Jr.*	John D. Sistrunk, Jr.	Bernold M. Hanson*
1971-72	James O. Lewis, Jr.	John D. Sistrunk, Jr.	Bernold M. Hanson*
1972-73	Ray C. Lewis*	George C. Grow, Jr.*	Karl E. Becker*
1973-74	Ray C. Lewis	George C. Grow, Jr.	Karl E. Becker
1974-75	Don E. Lawson*	Karl E. Becker*	Frank C. Crawford
1975-76	Don E. Lawson	Karl E. Becker	Frank C. Crawford
1976-77	Lee H. Meltzer*	Frank L. Constant	Arthur H. Trowbridge
1977-78	Lee H. Meltzer	Frank L. Constant	Arthur H. Trowbridge
1978-79	Herbert G. Davis	Richard D. House	Donald R. Hembre
1979-80	Herbert G. Davis	Richard D. House	Donald R. Hembre
1980-81	Jerome J. C. Ingels	Charles A. Brinkley	George R. Bole
1981-82	Jerome J. C. Ingels	Charles A. Brinkley	George R. Bole
1982-83	Harry A. Miller, Jr.*	Dougald H. Thamer*	J. Miller Goodger
1983-84	Harry A. Miller, Jr.	Dougald H. Thamer	J. Miller Goodger

Term	President	Vice President	President-Elect	Secretary	Treasurer
1984-85	Dougald R. Thamer*	Scott J. Lysinger	George R. Bole	Harry Ptasynski	John T. Isberg*
1985-86	George R. Bole	William R. Speer*	Scott J. Lysinger	John F. Partridge*	John T. Isberg
1986-87	Scott J. Lysinger	James P. Rogers	Jack P. Martin	John F. Partridge	John E. Burke
1987-88	Jack P. Martin	Robert D. Cowdery	Harrison L. Townes	Owen C. Brown	John E. Burke
1988-89	Harrison L. Townes	Harold W. Hanke	Patrick J. F. Gratton	Owen C. Brown	Cecil R. Rives
1989-90	Patrick J. F. Gratton	J. Robert Wynne	James P. Rogers	W. Paul Buckthal	Cecil R. Rives
1990-91	James P. Rogers	Steven A. Sonnenberg	Robert D. Cowdery	W. Paul Buckthal	G. L. Jack Richards*
1991-92	Robert D. Cowdery	H. Grady Collier, Jr.*	Charles R. Noll, Jr.	Royce P. Carr	G. L. Jack Richards
1992-93	Charles R. Noll, Jr.	Lowell K. Lischer	Peter G. Gray	Royce P. Carr	William E. Diggs*
1993-94	Peter G. Gray	Terry L. Hollrah	Willard R. Green	Michael R. Canich	William E. Diggs
1994-95	Willard R. Green	Robert T. Sellars, Jr.	Terry L. Hollrah	Michael R. Canich	Thomas E. Ewing
1995-96	Terry L. Hollrah	Royce P. Carr	Peter R. Rose	Jack H. West	Thomas E. Ewing
1996-97	Peter R. Rose	Thomas E. Davis	Robert T. Sellars, Jr.	Jack H. West	Richard D. Fritz

Term	President	Vice President	President-Elect	Secretary	Treasurer	Past President
1997-98	Robert T. Sellars, Jr.	Thomas E. Ewing	Stephen A. Sonnenberg	Charles E. (Gene) Mear*	Richard D. Fritz	Peter R. Rose
1998-99	Stephen A. Sonnenberg	Richard G. Green	Robert W. Sabaté*	Charles E. (Gene) Mear	Debra Rutan	Robert T. Sellars, Jr.
1999-00	Robert W. Sabaté*	Robert C. Shoup	G. W. "Skip" Hobbs IV	Lee T. Billingsley	Debra Rutan	Stephen A. Sonnenberg
2000-01	G. W. "Skip" Hobbs IV	J. Michael Party	Royce P. Carr	Lee T. Billingsley	Suzanne Cluff	Robert W. Sabaté*
2001-02	Royce P. Carr	Deborah K. Sacrey	Tom Mairs*	Brenda K. Cunningham	Suzanne Cluff	G. W. "Skip" Hobbs IV
2002-03	Tom Mairs*	Lee C. Gerhard	Bob Shoup	Deborah K. Sacrey	Dan J. Tearpock*	Royce P. Carr
2003-04	Robert C. Shoup	Rick L. Ericksen	J. Michael Party	Casey F. Clawson	Dan J. Tearpock	Tom Mairs
2004-05	J. Michael Party	Dan J. Tearpock	Deborah K. Sacrey	Casey F. Clawson	Jeffery C. Greenawalt	Robert C. Shoup
2005-06	Deborah K. Sacrey	Debra Rutan	Richard G. Green	Craig W. Reynolds	Jeffery C. Greenawalt	J. Michael Party
2006-07	Richard G. Green	Suzanne Cluff	Thomas E. Ewing	Craig W. Reynolds	Michael R. Canich, Jr.	Deborah K. Sacrey
2007-08	Thomas E. Ewing	Valary L. Schulz	Rick L. Ericksen	Debra Rutan	Michael R. Canich, Jr.	Richard G. Green
2008-09	Rick L. Ericksen	Daniel M. Reynolds	Paul W. Britt	Debra Rutan	Michael A. Fogarty	Thomas E. Ewing

\*Deceased

<b>Term</b>	<b>President</b>	<b>Vice President</b>	<b>President-Elect</b>	<b>Secretary</b>	<b>Treasurer</b>	<b>Past President</b>
2009–10	Paul W. Britt	Michael Canich	Daniel J. Tearpock	Paul H. Pausé	Michael A. Fogarty	Rick L. Ericksen
2010–11	Daniel J. Tearpock	William T. Goff	Martin D. Hewitt	Paul H. Pausé	Daniel A. Billman	Paul Britt
2011–12	Martin D. Hewitt	Richard L. Nagy	Charles A. Sternbach	Mark J. Gallagher	Daniel A. Billman	Daniel J. Tearpock
2012–13	Charles A. Sternbach	Paul H. Pausé	Valary L. Schulz	Mark J. Gallagher	Debra P. Osborne	Martin D. Hewitt
2013–14	Valary L. Schulz	Mark J. Gallagher	Richard D. Fritz	Terence G. O'Hare	Debra P. Osborne	Charles A. Sternbach
2014–15	Richard D. Fritz	Gregory F. Hebertson	Michael R. Canich	Terence G. O'Hare	Connie L. Mongold	Valary L. Schulz

## Division of Environmental Geosciences Executive Committees

<b>Term</b>	<b>President</b>	<b>Vice President</b>	<b>Committee Member</b>	<b>Secretary-Treasurer</b>	<b>Editor</b>
1992–93	Bernold M. Hanson*	Susan C. Kiser	Thomas W. Rollins	William G. Murray	Richard F. Meyer
<b>Term</b>	<b>President</b>	<b>Vice President</b>	<b>President-Elect</b>	<b>Secretary-Treasurer</b>	<b>Editor</b>
1993–94	Bernold M. Hanson*	Bonnie B. Robinson	Lee C. Gerhard	James M. Waldron	Richard F. Meyer
1994–95	Lee C. Gerhard	Steven L. Veal	James L. Baer	James M. Waldron	Robert J. Menzie, Jr.
1995–96	James L. Baer	Stanley C. Grant	Larry D. Woodfork	M. Kathleen Vail	Robert J. Menzie, Jr.
1996–97	Larry P. Woodfork	Don Warner	Susan C. Kiser	M. Kathleen Vail	Robert J. Menzie, Jr.
1997–98	Susan C. Kiser	Michael "Doc" Weathers	Wm. G. Murray	Wm. E. Harrison	Robert J. Menzie, Jr.
1998–99	William G. Murray	Rima Petrossian	Steven L. Veal	Wm. E. Harrison	Stephen M. Testa
1999–00	Steven L. Veal	Peter J. Hutchinson	Michael "Doc" Weathers	Kenneth D. Vogel	Stephen M. Testa
2000–01	Michael "Doc" Weathers	Jane S. McColloch	William E. Harrison	Kenneth D. Vogel	Stephen M. Testa
2001–02	William E. Harrison	John A. Lopez	Robert J. Menzie	William Sarni	Stephen M. Testa
2002–03	Robert J. Menzie	Steven P. Tischer	Rima Petrossian	William Sarni	Gerald R. Baum
2003–04	Rima Petrossian	Kenneth G. Johnson	Kenneth D. Vogel	Mary L. Barrett	Gerald R. Baum
2004–05	Kenneth D. Vogel	Charles Chris Steincamp	Steven P. Tischer	Mary L. Barrett	Gerald R. Baum
2005–06	Steven P. Tischer	Craig Dingler	Jane S. McColloch	Nancy S. Dorsey	Gerald R. Baum
2006–07	Jane S. McColloch	Michael A. Jacobs	Charles G. Groat	Nancy S. Dorsey	Gerald R. Baum
2007–08	Charles G. Groat	Hannes E. Leetaru	Rebecca Dodge	Nancy J. Fix	Gerald R. Baum
2008–09	Rebecca Dodge	Mary K. Harris	Michael A. Jacobs	N. J. (Anne) Fix	James W. Castle
2009–10	Michael A. Jacobs	Jeffrey G. Paine	Mary K. Harris	Douglas Carlson	James W. Castle
2010–11	Mary K. Harris	Robert Marie	Douglas C. Peters	Douglas Carlson	Kristin Carter
2011–12	Douglas C. Peters	Nancy J. (Anne) Fix	Tom J. Temples	M. Jane Ellis-McNaboe	Kristin Carter
2012–13	Tom J. Temples	Michael S. Hagan	Douglas E. Wyatt, Jr.	M. Jane Ellis-McNaboe	Kristin Carter
2013–14	Douglas Wyatt, Jr.	M. Jane Ellis-McNaboe	Jeffrey G. Paine	Steven P. Tischer	Kristen Carter
2014–15	Jeffrey G. Paine	Dirk A. Nieuwland	Jeffrey B. Aldrich	Steven P. Tischer	Kristen Carter

\*Deceased

# Annual Convention Locations and General Chairmen

Year	City	General Chairman	Year	City	General Chairman
1916	Norman, Oklahoma	Charles H. Taylor	1965	New Orleans, Louisiana	Gordon I. Atwater
1917	Tulsa, Oklahoma	F. R. Rees	1966	St. Louis, Missouri	Clarence E. Brehm
1918	Oklahoma City, Oklahoma	—	1967	Los Angeles, California	John E. Kilkenny
1919	Dallas, Texas	—	1968	Oklahoma City, Oklahoma	Edwin P. Kerr, Jr.
1920	Dallas, Texas	—	1969	Dallas, Texas	William J. Hilseweck
1921	Tulsa, Oklahoma	M. M. Valerius	1970	Calgary, Canada	John M. Browning
1922	Oklahoma City, Oklahoma	—	1971	Houston, Texas	Edd R. Turner, Jr.
1923	Shreveport, Louisiana	Ben K. Stroud	1972	Denver, Colorado	Robert J. Weimer
1924	Houston, Texas	Alexander Deussen	1973	Anaheim, California	Arthur R. Weller
1925	Wichita, Kansas	Marvin Lee	1974	San Antonio, Texas	M. O. Turner
1926	Dallas, Texas	R. B. Whitehead	1975	Dallas, Texas	Robert J. Cordell
1927	Tulsa, Oklahoma	M. M. Valerius	1976	New Orleans, Louisiana	M. Gordon Frey
1928	San Francisco, California	E. G. Gaylord	1977	Washington, D.C.	Richard F. Meyer
1929	Fort Worth, Texas	J. Elmer Thomas	1978	Oklahoma City, Oklahoma	Lee R. Riley
1930	New Orleans, Louisiana	W. W. Grimm	1979	Houston, Texas	Anthony Reso
1931	San Antonio, Texas	D. R. Semmes	1980	Denver, Colorado	John P. Lockridge
1932	Oklahoma City, Oklahoma	Irving Perrine	1981	San Francisco, California	Donald L. Ziegler
1933	Houston, Texas	Alexander Deussen	1982	Calgary, Canada	James MacDonald
1934	Dallas, Texas	Clyde M. Bennett	1983	Dallas, Texas	Lewis S. (Stan) Pittman
1935	Wichita, Kansas	E. C. Moncrief	1984	San Antonio, Texas	Edward C. Roy, Jr.
1936	Tulsa, Oklahoma	Frank Rinker Clark	1985	New Orleans, Louisiana	George D. Severson
1937	Los Angeles, California	Frank A. Morgan	1986	Atlanta, Georgia	Howard R. Cramer
1938	New Orleans, Louisiana	R. A. Steinmayer	1987	Los Angeles, California	Eugene F. (Bud) Reid
1939	Oklahoma City, Oklahoma	R. W. Laughlin	1988	Houston, Texas	Richard S. Bishop
1940	Chicago, Illinois	Verner Jones	1989	San Antonio, Texas	Don F. Tobin
1941	Houston, Texas	Alexander Deussen	1990	San Francisco, California	James R. Baroffio
1942	Denver, Colorado	C. E. Dobbin	1991	Dallas, Texas	Charles F. Dodge
1943	Fort Worth, Texas	Karl A. Mygdal	1992	Calgary, Canada	George Eynon
1944	Dallas, Texas	Joseph M. Wilson	1993	New Orleans, Louisiana	Bob Sabaté
1945	Tulsa, Oklahoma	Business meeting only held	1994	Denver, Colorado	Robbie R. Gries
1946	Chicago, Illinois	Theron Wasson	1995	Houston, Texas	James O. Lewis, Jr.
1947	Los Angeles, California	Harold W. Hoots	1996	San Diego, California	John A. Minch
1948	Denver, Colorado	Thomas S. Harrison	1997	Dallas, Texas	Tom Mairs
1949	St. Louis, Missouri	W. B. Wilson	1998	Salt Lake City, Utah	M. Lee Allison
1950	Chicago, Illinois	Lynn K. Lee	1999	San Antonio, Texas	Edward C. Roy, Jr.
1951	St. Louis, Missouri	Walter H. Spears	2000	New Orleans, Louisiana	Eric P. Mason
1952	Los Angeles, California	Howard C. Pyle	2001	Denver, Colorado	Stephen A. Sonnenberg
1953	Houston, Texas	Carleton D. Speed, Jr.	2002	Houston, Texas	Jeffrey W. Lund
1954	St. Louis, Missouri	Graham B. Moody	2003	Salt Lake City, Utah	Thomas C. Chidsey, Jr.
1955	New York, New York	G. Moses Knebel	2004	Dallas, Texas	Terence G. O'Hare
1956	Chicago, Illinois	Morris M. Leighton	2005	Calgary, Canada	John Hogg
1957	St. Louis, Missouri	Harold T. Morley	2006	Houston, Texas	Charles A. Sternbach
1958	Los Angeles, California	Leo R. Newfarmer	2007	Long Beach, California	Dalton F. Lockman
1959	Dallas, Texas	W. Dow Hamm	2008	San Antonio	Gene Ames III
1960	Atlantic City, New Jersey	Harry S. Ladd	2009	Denver, Colorado	R. Randy Ray
1961	Denver, Colorado	Laurence Brundall	2010	New Orleans, Louisiana	Tom Hudson
1962	San Francisco, California	Gordon B. Oakeshott	2011	Houston, Texas	Stephen Levine
1963	Houston, Texas	William A. Thomas	2012	Long Beach, California	Kay Pitts
1964	Toronto, Canada	William A. Roliff	2013	Pittsburgh, Pennsylvania	Michael Canich
			2014	Houston, Texas	Steve Brachman

## International Conference Locations and General Chairmen

Year	City	General Chairman	Year	City	General Chairman
1984	Geneva, Switzerland	P.W.J. Wood	2002	Cairo, Egypt	Mostafa El Ayouty
1988	Nice, France	James A. Helwig	2003	Barcelona, Spain	Jorge Ferrer Modolell
1991	London, England	A. J. Martin	2004	Cancun, Mexico	Alfredo E. Guzmán
1992	Sydney, Australia	Murray H. Johnstone	2005	Paris, France	Jean-Marie Masset
1993	Caracas, Venezuela	Juan Chacin	2006	Perth, Australia	Agu Kantsler
	The Hague, Netherlands	Roelof J. Murriss	2007	Athens, Greece	Geir Lunde (Joint Regional)
1994	Kuala Lumpur, Malaysia	Khalid Ngah	2008	Cape Town, South Africa	Sipho Mkhize
1995	Nice, France	Lucien Montadert	2009	Rio de Janeiro, Brazil	Heraldo Lima
1996	Caracas, Venezuela	José P. Dominguez	2010	Calgary, Canada	John Hogg
1997	Vienna, Austria	Walter P. Grün			David Dolph
1998	Rio de Janeiro, Brazil	Joel Mendes Rennó	2011	Milan, Italy	Jonathan Craig
1999	Birmingham, England	R. F. P. Hardman	2012	Singapore	Richard Lorentz
2000	Bali, Indonesia	Gatot K. Wiroyudo	2013	Cartagena de Indias, Colombia	Victor Vega
			2014	Istanbul, Turkey	Volkan Ş. Ediger

## 2014 Fifty-Year Members

List is not comprehensive. It includes only those who attained 50-year membership in 2014.

Efraim Aharoni  
 Frank J. Banar  
 Stanford Ronald Bardsley  
 Donald Wayne Beardsley  
 Harold Wyman Bertholf  
 Thomas Boleantu  
 Gilbert H. Boyd  
 William E. Bradford  
 William Lewis Bright  
 Gerald Lynn Bross  
 Gerald Gene Burkett  
 Wayne Francis Canis  
 Barry Albin Carlson  
 Paul David Cate  
 Milton Orville Childers  
 James Malcolm Coleman  
 Ronald Clinton Crane  
 Pietro E. Dainelli  
 Terrence John Donovan  
 Wallace G. Dow  
 Dan Earl Duggan  
 Gerald Keith Ebanks  
 Donald Allen Ehman  
 William L. Fisher  
 Peter Fleischer  
 James G. Floyd  
 Don Wesley Frazier  
 James P. Freeman  
 Denny Paul Furst

Arthur Randolph Green  
 Cyril Joseph Hadley  
 Eugene R. Hering, III  
 Gary Walker Horton  
 Wayne C. Horton  
 John William Jewell  
 Kenneth S. Johnson  
 Luther Lee Kincade, Jr.  
 Ira Victor King, Jr.  
 George William Krumme  
 Stephen S. Lange  
 Thomas Stanzel Laudon  
 Carl Frederick Lohrengel, II  
 Ludano J. Lucarelli  
 John Ernest Lucken  
 Jose Antonio Machado  
 Douglas Iain L. Maclachlan  
 George M. Markey, Jr.  
 Curtis Ray Mayo  
 Robert J. McCall  
 Edward George Mickel  
 Robert Calvin Milici  
 Keith Lavern Mohl  
 William Allen Monroe  
 Jack D. Nations  
 Rex Woodrow Nelson, Jr.  
 Mitchell Frederic Nielsen  
 Larry J. Nutter  
 Emil Onuschak, Jr.  
 Edgar Byron O'Quinn  
 Merton M. Osborne  
 H. W. Peace, II

Ernest William Peikert  
 Ronald Thyer Peirce  
 Ronald D. Perkins  
 Carroll Dale Pitzer  
 Harald S. Poelchau  
 Herman Walter Praetorius  
 John Radisi  
 Jaser Nicola Rafidi  
 William Harold Read  
 Gary Richard Reagan  
 Tom W. Redin  
 Dale Owen Reese  
 Eugene Robert Reider  
 David Schaefer  
 David William Scholl  
 Edwin Clarence Schuett, Jr.  
 Robert William Scott  
 Ormon Earl Shewmaker  
 James Alexander Stone, Sr.  
 James Rudolph Strawn  
 Alfred William Stude  
 Robert Bidwell Suydam  
 Don A. Urbanec  
 Robert David Valerius  
 Bram Visser  
 John Robert Ward  
 John Edward Warme  
 Calvin Ernest Watson  
 Robert Gerald Welch  
 Cliff Merrell West, Jr.  
 Jeremy Crosby Wire  
 Arthur Caldwell Youse