

GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES  
AND GULF COAST SECTION SEPM

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# TRANSACTIONS

of the 50th Annual Convention

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HOUSTON, TEXAS • OCTOBER 25-27, 2000



*Remember  
the Past...  
Visualize  
the Future*



# Transactions

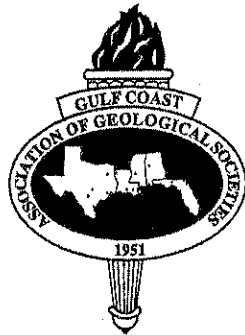
## Gulf Coast Association of Geological Societies

A Section of the American Association of Petroleum Geologists

*and the*

## Gulf Coast Section of the Society of Economic Paleontologists and Mineralogists

A Section of SEPM, The Society for Sedimentary Geology



**Volume L  
2000**

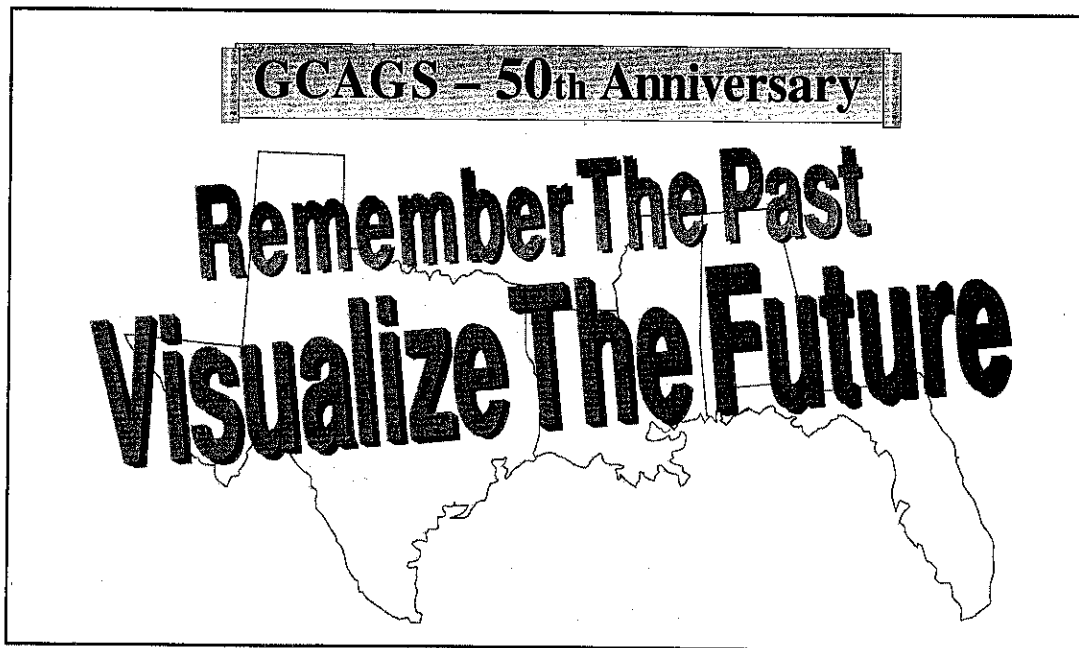
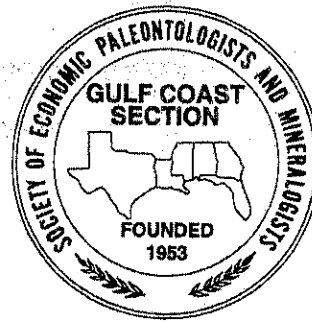
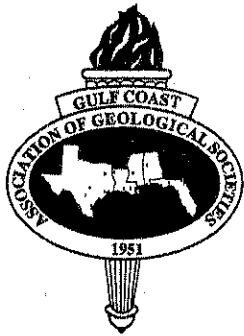


**James A. Ragsdale  
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Editor—GCSSEPM**

*Prepared for the*  
**50th Annual Convention**  
*of the*  
Gulf Coast Association of Geological Societies  
American Association of Petroleum Geologists Regional Meeting  
*and the*  
**47th Annual Convention**  
*of the*  
Gulf Coast Section of the  
Society of Economic Paleontologists and Mineralogists  
*in*  
Houston, Texas  
October 25–27, 2000

**Hosted by the Houston Geological Society**



Only those papers, abstracts, and extended abstracts that were submitted directly to the *Transactions* editors were included in this year's *Transactions*. Abstracts of all papers and posters presented at the meeting appear in the meeting Program.

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*Transactions* layout and CD ROM publishing by Gail R. Bergan, dba The Write Enterprise, Houston, Texas  
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Front Cover: We believe that this classic Apollo 11 photo typifies "Remember the Past, Visualize the Future." Photo courtesy of the National Aeronautics and Space Administration.

# Dedication *Transactions* Volume 50

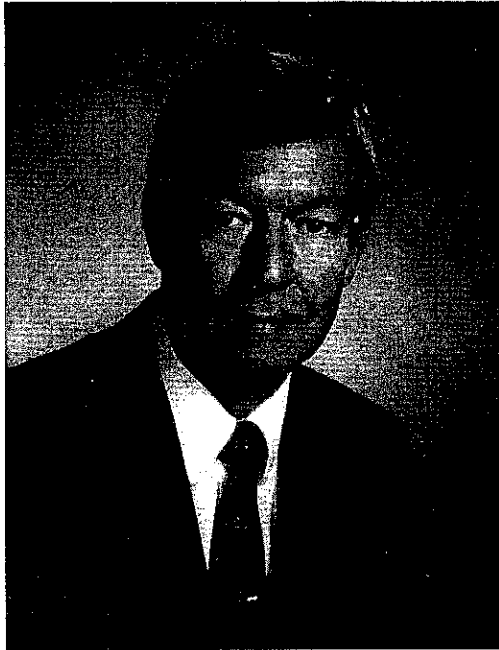
## Daniel L. Smith

The Houston Geological Society and the officers of the 2000 Gulf Coast Association of Geological Societies are proud to dedicate this volume of the *Transactions* to Daniel L. Smith, in recognition of his years of service to the geoscience profession in so many different capacities.

Dan was born and grew up in Houston, graduating from Lamar High School in 1954. Upon graduation, Dan started his college career at the University of Texas in Austin and graduated with a B.Sc. Degree in Geology in 1958.

His professional career started with the PanAmerican Petroleum Corporation (now BPAmoco) where he worked in the Houston, Corpus Christi, and New Orleans offices. In 1967, Dan joined Roberts and Whitson Petroleum Corporation as exploration manager in Houston. Over the following years, he worked for Texoil Company as a part owner, executive vice president, and exploration manager. Texoil was a prospect generating company and Dan drilled many successful wells in South Louisiana, which helped establish his reputation as a South Louisiana expert. In 1992, he started working with Texas Meridian Resources Corporation (now The Meridian Resource Corporation) as a consultant, but was soon asked to be vice president of exploration, and finally vice president, New Ventures. Dan has retired from The Meridian Resource Corporation to once again be an "independent." Dan has been a prolific oil finder throughout the Gulf Coast for over 42 years.

Dan has distinguished himself not only as a competent geologist, but also in his selfless service to many professional organizations. His untiring volunteerism to AAPG, Houston Geological Society, GCAGS and SIPES has earned him the utmost respect by his peers. Dan became an active member in AAPG in 1959 and a Certified Petroleum Geologist (#1551) in 1972. He has been involved with the House of Delegates of AAPG for 18 years, as a delegate and foreman from the Houston Geological Society (HGS), as well as many HOD committees too numerous to mention. He was chairman of the House of



Delegates and on the AAPG Executive Committee 1997-98. He has served on several AAPG standing committees including the Committee on Conventions and the Committee on Committees. At the 1995 annual convention, he was DPA Vice Chairman, DPA Program Chairman, and the recipient of the DPA Best Paper Award. In 1997, he received the AAPG Distinguished Service Award.

Dan's involvement with the HGS has spanned many years as well. Dan has served on the HGS Board as vice president, president elect, president (1987), and is currently chairman of the Memorial Scholarship Board and HGS Advisory Committee. Dan has received the Distinguished Ser-

vice Award and the Honorary Life Member Award from HGS.

Additionally, Dan has been general co-chairman of the GCAGS Annual Convention in 1991 and remains chairman of the Convention Committee for GCAGS. He has received the Honorary Membership Award and Distinguished Service Award from GCAGS. This year Dan is chairman of the Distinguished Visitors Committee and is a member of the Program Committee.

Other societies that have benefited from Dan's dedicated service include the SIPES Organization (Society of Independent Professional Earth Scientists) where he has served on the National Board as SIPES Foundation president, chairman of the National Energy Advisory Council, and the Committee on Registration and Certification. He has been the SIPES Houston chapter chairman. Dan also is a member of the American Institute of Professional Geologists (Certificate #2336), Houston Producers Forum, Onshore Exploration Independents of Houston (co-founder), Chief Geologists of Houston, and the Association of Houston Exploration Managers. He is an active member of the Heather and Thistle Society, an organization promoting Scottish heritage and activities. Dan has served as Chieftain of this organization, and has served as chairman of the Houston Highland Games Association.

Dan is the father of four wonderful children and a husband of 40 years to his wife, Laura. He also is "granddad" to four grandchildren.

In summary, Dan Smith is the epitome of service and dedication to his profession. He has carried out his duties with diligence, reserve, fairness and the highest standards

of ethics. These admirable traits have resulted in Dan's establishing a great many friends and admirers and this dedication of the *Transactions* is a small means of thanking him for all he has accomplished.

*Deborah Sacrey*

# Special Commendation Award

## Gulf Coast Association of Geological Societies

### Dr. James O. Jones

The GCAGS and many other geologic professional organizations, as well as the San Antonio educational community, lost an outstanding colleague with the death of Dr. James O. Jones, Professor of Geology at the University of Texas at San Antonio. James died October 4, 1999, of complications resulting from brain cancer.

James was born in 1935 in Electra, Texas, near Wichita Falls. He graduated from Midwestern University in 1962 with a BS in Geology, received his Masters from Baylor in 1964, and his Ph.D. from the University of Iowa in 1971. He began his teaching career at the University of Southern Mississippi and then moved to Southern Arkansas University, where he became Chairman of the Geology Department. In 1977, James moved to UTSA, and taught courses during his career there in freshman geology, paleontology, and stratigraphy; he served as Chairman of the department from 1978 to 1983. James was a Fellow of the Geological Society of America and the Texas Academy of Science. He served as president of the TAS-Geology Section, vice-president and president of the Gulf Coast Section-SEPM, and president of the South Texas Geological Society. He was a Certified Professional Geologist by both SIPES and DPA-AAPG, and a member of the AAPG's House of Delegates.

James' GCAGS activities included being chairman of the Awards Committee, editor of the 1996 Transactions and serving on the Board of Directors. Most importantly, James coordinated, as Chairman of the Field Trip Committee, field trips for both the AAPG and GCAGS each time the organizations held their annual meetings in San Antonio (as well as co-leading and preparing the guidebook for several trips of his own). This was a very time-consuming and demanding undertaking, and he did an outstanding job each time. The latest, for the AAPG's convention in 1999, was completed only six months before his untimely death.

James spent most summers as a consultant for Shell, Texaco, and others on projects dealing with oil and gas exploration in Carboniferous and Permian sediments in west Texas and New Mexico. He maintained his affiliation



with the US Army Reserve until retiring as a Lt. Colonel in 1995. He was a Boy Scout leader, a member of the American Legion, and a judge for school science fairs. He was buried with full military honors in Burkburnett Cemetery, Burkburnett, Texas, and he is survived by his wife, Marilyn Felty Jones, two sons, three sisters, and two grandchildren.

But a mere listing of James' professional accomplishments and achievements, impressive as they are, tells only part of the story of who James Jones really was. His legacy must include, in large part, his students (who still speak reverentially and affectionately of classes, advice, and time in the field with "Dr. Jones," as

most still call him even after graduating.) To his students at UTSA, Dr. Jones was mentor, councilor, friend, and "Dutch Uncle." He helped found the Student Geological Society, served as its liaison to the faculty, and saw it become a Student Chapter of AAPG. He organized the annual field trip for the Southwestern Association of Student Geological Societies (SASGAS) which UTSA hosted in 1994. Realizing their importance and value, he encouraged his students to join, and actively participate in, all professional geological organizations—particularly local societies. James' students, graduate and undergraduate, were not only well schooled in geology, but were well prepared for the professional world.

A little-known example of James' dedication to education at all levels occurred early in his tenure at UTSA. At the request of the Eagle Pass, Texas, school system, he made weekly trips to Eagle Pass (on the Mexican border) to teach geology and earth science to high school students from families of migrant workers. These students had missed several months of school while working with their parents; when they returned, they were obviously not as academically advanced as their classmates. James Jones helped close that academic gap; the fact that he had to drive over 200 miles, and didn't get back to San Antonio until 2:30 AM didn't deter him.

James did many things, and did them all well. He was an outstanding credit to his profession, and his death has left a void that can't be filled. He was a very good geologist, a very good teacher, and a very good man. We miss him.

James would want any listing of his achievements to begin, and end, with the word *education*.

*E. Gerald Rolf  
William P. Wilbert*

## **Past Special Commendation Award Recipients**

Birdena Schroeder (1996)

Don Boyd (1999)

# Past Honorees of *Transactions* Dedications

## Gulf Coast Association of Geological Societies

Year	Host City	Transactions Dedication	Year	Host City	Transactions Dedication
1951	New Orleans	None	1980	Lafayette	Seven Founding
1952	Corpus Christi	None			Fathers of GCAGS †††
1953	Shreveport	None	1981	Corpus Christi	W. Armstrong Price
1954	Houston	None	1982	Houston	Rufus J. LeBlanc, Sr.
1955	Biloxi	Lloyd William Stephenson	1983	Jackson	Jules Braunstein*
1956	San Antonio	None	1984	Shreveport	J. M. Forgotson, Sr. & William M. Plaster
1957	New Orleans	Henry Van Wagenen Howe			Lyman Dorgan Toulmin*
1958	Corpus Christi	None	1985	Austin	Harold Veral Andersen
1959	Houston	Alexander Deussen*	1986	Baton Rouge	M. O. Turner
1960	Biloxi	Honored Five Geologists†	1987	San Antonio	Lee Hilliard Meltzer
1961	San Antonio	None	1988	New Orleans	William L. Fisher
1962	New Orleans	None	1989	Corpus Christi	Frank W. Harrison
1963	Shreveport	Clarence L. Moody*	1990	Lafayette	James O. Lewis
1964	Corpus Christi	None	1991	Houston	Frederic Francis Mellen*
1965	Houston	Dr. Henryk Bronislaw Stenzel	1992	Jackson	C. Lane Sartor
1966	Lafayette	Dr. Grover E. Murray	1993	Shreveport	Don R. Boyd
1967	San Antonio	John Roy Sandidge	1994	Austin	Harold N. Fisk*
1968	Jackson	GCAGS Steering Committee 1949-50††	1995	Baton Rouge	Don F. Tobin
1969	Miami	None	1996	San Antonio	Thomas H. Philpott
1970	Shreveport	Dr. C. O. "Clay" Durham	1997	New Orleans	Paul M. Strunk
1971	New Orleans	Jules Braunstein	1998	Corpus Christi	Peter G. Gray
1972	Corpus Christi	Michel T. Halbouty	1999	Lafayette	
1973	Houston	Edward H. "Rainey" Rainwater*			*Deceased at time dedication was made.
1974	Lafayette	William R. Paine			†Paul Livingston Applin, Mrs. Esther Richards Applin, William Clifford Morse, Herman Gunter, and William Blanpied
1975	Jackson	William Maurice Ewing*			††Leslie Bowling (New Orleans), R.W. Eaton (East Texas), Thomas H. Philpott (Shreveport), E.R. Earl (Houston), R.D. Sprague (Mississippi), W.R. Farley (South Louisiana), and W. H. Wallace (Corpus Christi)
1976	Shreveport	Claude N. Valerius			††† Phillip R. Allin, Leslie Bowling, A.P. Claudet, W.B. Neal, Thomas Philpott, Francis Stein, and D.D. Utterback
1977	Austin	David Edward Frazier*			
1978	New Orleans	M. Gordon Frey & Leslie W. Bowling*			
1979	San Antonio	Peter T. Flawn			



# Industry Sponsors

The following companies have graciously supported the 50th Annual Convention. This year, sponsors are divided into two groups: Major (over \$2500) and Regular (less than \$2500). No matter the amount, the support of all has permitted us to present a full program of technical sessions, to publish the *Transactions* volume, present short courses, conduct field trips, hold sporting events, and for other essential items for the convention.

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# Report of the President

## Gulf Coast Association of Geological Societies

Jeff Lund

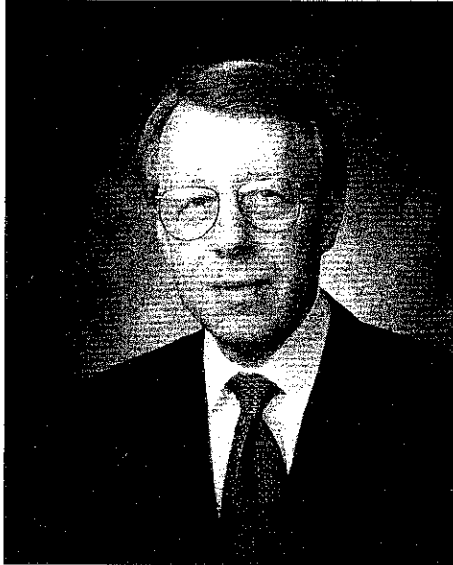
It is my pleasure to welcome you to Houston to participate in the 50<sup>th</sup> Anniversary Celebration of GCAGS and attend our joint meeting with GCSEPM!

General Chairman Larry Bartell, his vice-chairs Marvin Smith, Jim Allen, Tim Brown, and Mike Nault, along with their tireless committee chairs and members have assembled an excellent technical and social program to celebrate and inform our members.

Our gratitude to the officers and members of the Houston Geological Society (HGS) and the HGS Auxiliary cannot be overstated. The many talented and experienced HGS members, veterans of many conventions have pulled through again. The GCSSEPM has contributed many volunteers to help organize and support this 50<sup>th</sup> convention. Our thanks to all of you!

The convention's theme, "*Remember the Past, Visualize the Future*" is intended to mark the significance of having achieved half a century of remarkable service as well as marking the dawn of the new millennium! All of us see the incredible change around us in our society and professions. "Visualize the Future" is a call to look forward as we utilize the incredible technology now revolutionizing our professional lives.

It is no small factor to note that our professional societies keep the past and the fundamental teachings of earth

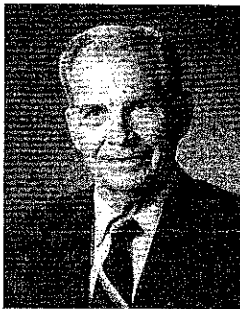


science visible to our members. Our convention is unique in its mission of taking us throughout the Gulf Coast Region to hear the most recent geological thinking of our members and experience the unique perspective each local society contributes.

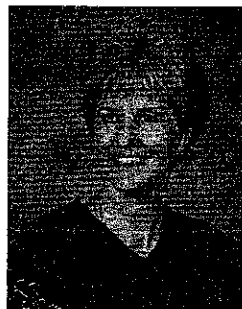
And the world does change! When preliminary plans for this convention were being discussed the price of crude was \$12 and declining. As I write this, the price is \$28 and increasing! Our profession continues to survive and usually thrives despite thick and thin. Our greatest defense against the volatility is an active, vital professional network and idea exchange such as that provided by GCAGS and GCSSEPM. I

doubt the Wall Street analysts and investment bankers ever experience a spirit of professional fraternity like that of the geoscience community!

On the pages of the 50<sup>th</sup> Anniversary Transactions you will read about distinguished honorees and members of GCAGS and GCSSEPM we are citing for their contributions to our society's activities and programs. We are excited about the opportunity this convention offers to students and young professionals. Our Outstanding Educator Award is our continuing effort to acknowledge the committed professionals training the next generation of earth scientists.



O.R. Berg  
Vice President



Denice M. Stone  
Secretary



Deborah Sacrey  
Treasurer

The 2000 Convention Transactions are dedicated to Dan Smith. Dan has been a consistent and invaluable contributor to GCAGS for many years. Most notably he served as co-general chairman (with Chuck Noll) for the 1991 Houston Convention. He has chaired the extremely important GCAGS Convention Committee. His work has provided a strong framework to the Association's mission allowing for an "organizational memory" to evolve to the mutual benefit of our member societies. Dan continues his long tradition of service to the HGS, GCAGS, AAPG, and SIPES.

Finally, no GCAGS President in recent memory can close a report without giving special acknowledgement to our Executive Secretary, Birdena Schroeder. Birdena con-

tinues to be the mainstay of GCAGS, organizing our meetings remembering our history and in general an indispensable advisor to the President. Thank you from all of us, Birdena!

It has been my honor and privilege to serve as GCAGS President in this exciting year. The Board of Directors, which includes GCAGS officers, the presidents of each of the member societies and committee chairmen, are a fine, dedicated team. Our Association is now entering its second half century of service to the profession and I am confident GCAGS will remain a key resource to the members and local societies as all of us "*Remember the Past, Visualize the Future*" of petroleum geology.

# Report of the President

## Gulf Coast Section SEPM

Michael J. Styzen

Welcome to Houston and the 50<sup>th</sup> annual GCAGS and 47<sup>th</sup> Annual GCS-SEPM convention. As usual, the local committees for the convention have organized an excellent technical program supported by exhibits and social activities to provide an enjoyable meeting. The GCSSEPM committee includes Mike Nault as GCSSEPM Vice Chairman, Sheila Barnette, Program Chairman, Norm Rosen, Editor, and Rashel Rosen, Judging and Awards Chairman. These folks, along with their GCAGS counterparts have donated their time and effort to assure that the program presented at this meeting is up to the traditional high standards. On behalf of the members of the Section I would like to use this opportunity to express my gratitude to these folks for their hard work.

Membership in our section remains strong, but is down somewhat from historical highs and now stands at approximately 320. I think this reflects the new leaner geologic staffs at the major oil companies, particularly among our traditional mainstay the biostratigraphers. Our focus has always been broadly based in stratigraphic geology, particularly in the themes of our Research Conferences and in our involvement in the Annual GCAGS/GCSSEPM meeting. Our treasurer reports that membership renewals have been arriving steadily. I think that this reflects a general strength in the Section itself. I hope that the wide appeal of the Conferences we have planned for the next few years together with our stronger bonds with GCAGS help us get

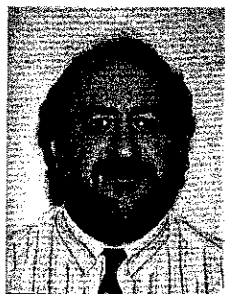


our membership back to where it was in the boom years.

The GCSSEPM Foundation Bob F. Perkins Research Conference series gets better every year. This year's 20<sup>th</sup> annual meeting, *Deep-Water Reservoirs of the World*, promises to be the best yet. Paul Weimer and his committee have put together a fine program featuring approximately 60 presentations. The theme promises an early sell out, so if you have not reserved a place, do so soon, or you might miss out! The

Conference will be December 3-6 at the Adam's Mark Hotel in Houston.

As Section President, it has been my honor to work with a group of dedicated volunteers who have developed and carried out the GCSSEPM program. Section officers are: Ron Waszczak, President Elect; Tony D'Agostino, Vice President; Ilene Corbo, Secretary; Rashel Rosen, Treasurer; and Rick Major, Past President. Foundation Trustees are Mike Nault, Nancy Engelhardt-Moore, Ed Picou, and John Armentrout. Foundation Executive Director is Norm Rosen. This team, along with supporting members of the section, continues the tradition of technically excellent programs and publications that assures the continued vigor of GCSSEPM. As I transfer leadership of the Section to Ron Waszczak I look forward to continued participation in section programs. These programs promise to continue the leading role that GCSSEPM plays in supporting the exploration and exploitation of resources in the Gulf Coast region and around the world. Thanks to all of you.



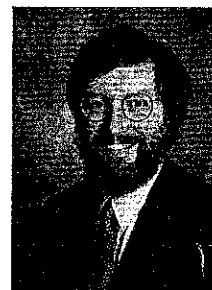
Tony D'Agostino  
Vice President



Ilene R. Corbo  
Secretary



Rashel N. Rosen  
Treasurer



Rick P. Major  
Past President

# Report of the General Chairman

## Gulf Coast Association of Geological Societies

Larry Bartell

The Houston Geological Society (HGS) is pleased to be the host of the 50<sup>th</sup> Annual GCAGS Convention and the 47<sup>th</sup> Annual Meeting of the GCS-SEPM. For Houston to be celebrating this milestone occasion just further enhances this honor. This convention is both precedent setting and historically significant as we enter a new millennium and observe our golden anniversary. Our industry has progressed greatly in the last 100 years from Spindletop to the deep waters of the Gulf of Mexico. The GCAGS has been witness to the last 50 years of that progress. What will our industry be like 50 years from now?

With these questions and thoughts in mind our theme is "Remember the Past, Visualize the Future." We want to celebrate the accomplishments of this fine organization, its history, and the developments of the petroleum industry over these past 50 years and try to imagine what the emerging technology will mean to the development in the new century.

In the early planning stages, I charged each of the committee chairmen to think of the responsibility we have in hosting the 50<sup>th</sup> convention; to be creative and not necessarily repeat the format of their predecessors. I wanted them to think of other ways to accomplish their tasks without reinventing the wheel. I believe we have done this in a number of areas, and have an event of which everyone can be proud. Not all of the suggestions were attainable while others, such as the *Transactions* on compact disc, and PowerPoint presentations are relatively new to the GCAGS. Perhaps some of these changes will become the norm for the future. In any case, I'm proud of the effort that has been made by all of the Committee Chairmen and my Vice-Chairmen, Marvin Smith, Tim Brown, Jim Allen, and Mike Nault. It's our mark and we are all proud to be associated with this.

Perhaps the most notable precedent being set this year involves the *Transactions*. As our world becomes more computer-oriented and keeping our theme in mind, the *Transactions* will be on compact disk and distributed to the attendees in this form. Should an individual also desire



the *Transactions* in the traditional printed form, they may purchase one on their registration form at the convention or from Earth Enterprises in Austin, Texas. There are two reasons for this change in the format: 1) the CD costs less to produce; therefore, the savings is passed on to the attendee in lower registration fee, and 2) to further our theme by using today's new technologies.

Last year, at the Lafayette convention, we saw how the Tobin Theater evolved into a PC-based lab for software companies to provide one-on-one tutorials and demonstrate their new software. This was well received and we are going to expand on this

innovative idea with more company presentations.

The goal of the General Chairman, Technical Chairmen, and the various Technical Session Chairmen, is to anticipate what the industry wants to discuss and to promote meaningful discussions among the participants. This year is no exception as we have compiled an excellent Technical Program with sessions ranging from the geology of Old Mexico to the Eastern Gulf of Mexico. There will be Pemex geologists giving oral and poster presentations on the various geological basins along the Gulf Coast of Mexico. Also a session is scheduled on the geology and governmental restrictions covering the upcoming sale in the eastern Gulf of Mexico including Block 181.

Other sessions that are noteworthy include the visualization of seismic and the advances in seismology. We believe these two topics will become even more important in the role of the geologist in the future. But the technology isn't meaningful without an understanding of the basics of geology, so we have sessions pertaining to trend studies as well as the usual excellent selection of papers from the GCSSEPM. There will be total of 89 oral presentations, 35 posters in 10 sessions.

The Technical Committee has also been active in developing 11 short courses and 10 field trips in order to provide interesting and educational opportunities to enhance the oral presentations.

All the exhibitors will be on the third floor, where once again they will encompass a broad spectrum of exploration and geological software, hardware and essential industry services for today's work place.

The Thursday evening entertainment will be a special celebration of the Golden Anniversary of the GCAGS, to be held in the recently renovated Rice Hotel's Grand Ballroom. This was the site for many HGS special meetings during the 50s and 60s. The party will feature one of Houston's most popular bands for your dancing pleasure as well as several surprise entertainers for your further enjoyment. What better way to celebrate, renew old acquaintances and make new ones than in one of Houston's historical landmarks.

It goes without saying that a convention of this magnitude could not have occurred without the whole-hearted assistance of numerous individuals. Houston is blessed with a large group of volunteers with a "can-do" attitude eager to help. Without their efforts none of this would have been possible. *Thanks to you all!* Take a minute to look

over the list of chairmen and their committee members and if you know one, tell them you appreciate their contribution of time and energy toward the success of the convention. Some of the chairmen have been performing their tasks for the past 18 months.

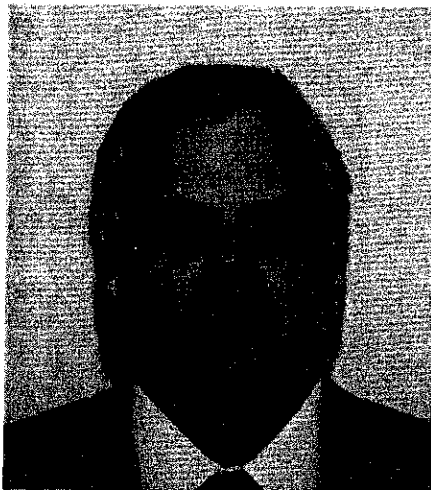
Also, it should be remembered that the low registration fee for this convention does not come close to covering the cost of the event. The many companies that have generously donated money and in-kind contributions to insure the success of this meeting make all of this possible. The list of Sponsors, Exhibitors and Advertisers are included in the *Transactions*. Without their support the cost would be much higher and the quality of the program would suffer. Please take time to thank them and patronize them when possible.

We believe this convention has something to offer everyone and our ultimate goal is that you will have fond memories of the 50<sup>th</sup> GCAGS meeting.

# Report of the Technical Program Chairmen

## Gulf Coast Association of Geological Societies

### Tim Brown



Tim Brown  
*Technical Program Chairman*

Our theme of this year's 50<sup>th</sup> anniversary convention "Remember the Past, Visualize the Future" is befitting of the large field of papers, posters, and short courses that this year's convention presents for the benefit of all attendees. Our committee has solicited and received a large number of papers and posters sessions across a broad range of topics. We are grateful for the hard work of all our authors, especially in the current business environment. Without them, the convention would be impossible.

We are especially proud of the special category of paper and poster presentations on the "Geology of Old Mexico." Our Mexican national geological brothers and sisters are to be commended for their enthusiasm and hard work. Pemex is to be complimented for their encouragement in permitting the overall publication. We, in



Jim Allen  
*Technical Program Chairman*

Houston, especially thank you for this new venue for our 50-year-old society.

The technical program committee has also worked hard in soliciting an exciting and informative series of short courses that encompass both general educational as well as more specific hands on "how to" courses. Many of these courses have not been given before. The support of many corporations in this arena is gratefully acknowledged.

Lastly and most importantly, I wish to extend a heartfelt THANK YOU to my co-chair, Jim Allen, and all of the many committee members who have worked so unselfishly and tirelessly to bring forth the best possible 50th anniversary GCAGS convention. All attendees need to personally thank as many committee members as possible for their commitment to this convention.



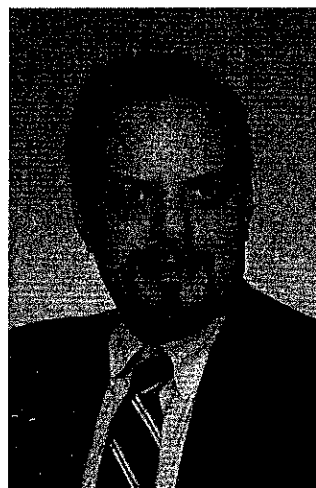
# Report of the Editors

## GCAGS *Transactions* Volume 50, 2000

Norman C. Rosen



James A. Ragsdale  
*Technical Editor, GCAGS*



Norman C. Rosen  
*Technical Editor, GCSSEPM*

"May you live in interesting times," so the saying goes, and indeed we do. This year has been most interesting not only because we have started to move to a new medium for the *Transactions*, but also because we are starting to reorganize how we do things for the convention. What Jim and I discovered is that the procedures of the past need to be revised considerably for the future. There has been some confusion among the authors regarding which editor should get which paper; for this we are both sorry for the confusion. However, some people have felt our wrath because they did not read or follow the detailed instructions sent to authors; to them, no apology is offered. And for those who do not like computers or think CD's belong in a bank, this CD is all my fault and I offer no apology for it, either. This *Transactions* only indicates partially what can be done on a CD, despite heroic (and I do mean heroic) efforts by Gail Bergan to make this issue a work of art. Gail, Jim and I both thank you for your patience with us, especially in answering questions as to why or why not something could (or should not) be done.

It is probably appropriate to offer some words as to why going to a CD was deemed a good idea. If nothing else, a CD is about two-thirds cheaper than hard copy publication. This means that costs (and charges) in the future can be held in check. In a CD, there are no color charges. In addition, if the figures are prepared carefully, they can be enlarged significantly without loss of detail; it is even possible to include plotter-sized illustrations. Word

searches (either subject or author) are now possible. You can print out only those articles you really want. Finally, we no longer have to carry around a telephone-book of papers nor do we have to find bookshelf space for another oversized publication.

To those who think this is a another surrender to those who grew up watching television and did not learn how to read properly, think again! I grew up with radio, books, and television, and I still enjoy reading. This is not a high tech gimmick. This CD is designed to be read and appreciated. And we hope you will read it and appreciate what it represents.

I have indicated in the past why I have done this editorship and I will not bore you again with the same words. I will say that I am extremely grateful for the full and complete cooperation I have had with James Ragsdale, my GCAGS counterpart. In addition, Larry Bartell and Tim Brown have been kind and helpful in many ways albeit not always promptly! Besides the associate editors, special thanks goes to Deborah Bradshaw, who has had the task of trying to keep track of all papers and posters.

No *Transactions* would be possible if it were not for a staff of people who helped edit the papers. Our assistant editors included Blake Blackwelder, Judy Mooney, Linda Sternbach, Sarah Stanley, and Dick Jacobs. Nominated for the "Glutton For Punishment" Award are Linda Jacobs and James Norris.

# Distinguished Service Award

## Gulf Coast Association of Geological Societies

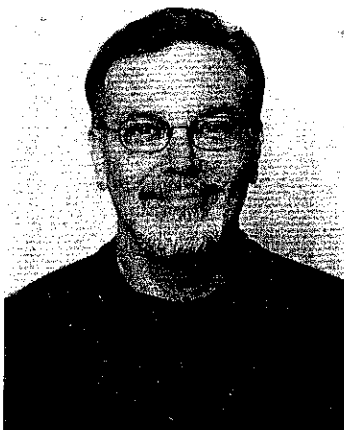
### Robert C. Hulse

Mr. Robert C. "Bob" Hulse was born in Glasgow, Kentucky. He received his primary and secondary education in Murray, Kentucky. Bob was awarded his BS in Geology from Murray State University in 1971 and his MS from the University of South Carolina in 1973. While at the University of South Carolina, Bob studied under the tutelage of John Fern.

After graduation Bob went to work for Arco in Dallas. The following year, he was placed in rotating assignments in Lafayette, Bakersfield, and Denver. While in Denver, Bob met his wife, then Deborah Baker. Hoping to see the world, in 1975 Bob went to work for Ashland in Lagos, Nigeria, where he worked as an exploitation geologist. While in Nigeria, Bob and Deborah took the opportunity to travel throughout Africa. In 1976, Bob joined Ashland's Mineral Division in Denver.

Desiring to return to Africa, in 1977 Bob accepted a position with Occidental in Libya as a development geologist. Bob and Deborah enjoyed the fellowship of the expatriate community in Libya. He and these friends still meet for reunions. In 1979, Bob was transferred to Occidental's headquarters in Bakersfield.

In 1980, Bob joined Texas Oil and Gas (TXO) in Fort Smith, Arkansas to work the Arkoma Basin. In 1982, TXO transferred Bob to Tyler, Texas. In 1985, Bob began the life of an independent geologist. Eventually, Bob and a partner, Scott Line, bought Map Production Company. Together they have built it into a successful operating company working Texas Railroad Districts 5 and 6. Currently, they operate 35 wells and are constantly searching



for new prospects and production opportunities.

Bob is a member of the ETGS, RMAG, SPE, IAS, SEPM, and the AAPG. Bob is very involved with the AAPG, working with the Core Preservation Committee, the House of Delegates and serves as one of the two AAPG representatives to the Petroleum Technology Transfer Council (PTTC). Bob has been a tremendous influence on the East Texas Geological Society (ETGS). In recent years, the business downturn has hurt society membership and activities. Bob and a small group of volunteers have helped revitalize the society through

building a functional board, which is accountable for society activities. This board has succeeded in having a twelve-month meeting schedule, continuing education courses, social functions, a prospect expo, a web site and also now plays a more active role in the GCAGS. In the last year, membership has increased from 150 to 250 members and the number of volunteers has significantly increased. Because of Bob's leadership the ETGS has emerged as a more successful society.

Bob Hulse is a well-respected geologist and has been a major influence on the ETGS. He and his wife Deborah are active in numerous community activities. Deborah is a Business Professor at the University of Texas at Tyler. They live near Tyler in a rural area, where both enjoy gardening and community activities. Bob Hulse is most deserving of this award.

*Mark J. Gallagher*

# Distinguished Service Award

## Gulf Coast Association of Geological Societies

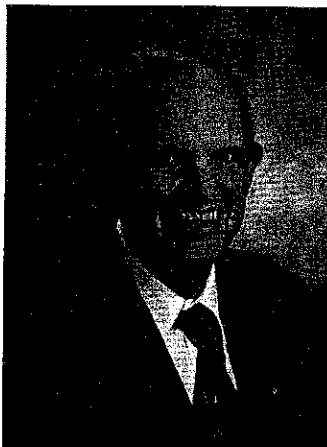
### Jack Shirley

Jack W. Shirley is being honored this year for his long and dedicated service to the Gulf Coast Association of Geological Societies and to the geological profession. The Distinguished Service Award recognizing him is most fitting since Jack's trademark has been service to others in both his professional and personal life.

His dedication to the geological profession began when he joined the Lafayette Geological Society in the early fifties. He later became involved with GCAGS activities and served as Transaction Assistant Editor in 1966 and Editor in 1974. He served as GCAGS Treasurer in 1980-1981 and on the GCAGS Liaison Committee in 1980. He again was Assistant Editor of the GCAGS Transaction in 1990 and most recently chaired the Poster Committee at the 1999 GCAGS Committee in Lafayette. I had the pleasure of working with Jack on all of the GCAGS Conventions in Lafayette and know personally the long hour and tireless effort that he contributed to make the Convention a success.

Jack has also been very active in AAPG activities. In 1981-84, he was a member of the AAPG Boy Scout Committee. He was on the AAPG Committee that revised the Boy Scout Geology Merit Badge Handbook. He also served as Chairman of the AAPG Boy Scout Committee in 1988, the AAPG Youth Committee in 1988-1989, and served on the Industry Liaison Committee from 1988-89. While serving on the AAPG Boy Scout Committee, he was instrumental in expanding this committee mission to increase the education of youth in the geosciences and this committee later became the Youth Activity Committee.

Jack Shirley is a genuine "Okie"! He was born May 4, 1929, in Oklahoma City and graduated from Central High in 1947. He went to the University of Oklahoma and received a B.S. Degree in Geology. Jack continues to be active in alumni affairs. He has served as chairman of both the Alumni Advisory Committee and the Curriculum Committee for the school of Geology and Geophysics of the University of Oklahoma. Before beginning a distinguished career in the Gulf Coast as a Petroleum Geologist, Jack served in the U.S. Army as an Explosive Ordinance Disposal Officer from 1951 to 1953. In 1954 Conoco became the training ground for Jack's outstanding tenure in the industry. Later in 1957 he joined the Marr Company and led their suc-



cessful effort in south and north Louisiana as district geologist, later as exploration manager and exploration senior executive. The consulting world called him in 1984, and he has been an independent consultant from 1984 to the present in Lafayette, LA. During his career with Conoco, Marr, and as a consultant, Jack has made significant economic contributions by participating in the discoveries and development of Rayne, South Rayne, Bayou St. Vincent, Grand Bayou, Lake Verret, Point Pleasant, N.W. Larose, W. Flank of Lake Barre, and Sea Breeze Pass fields in South Louisiana.

Jack Shirley has led an exemplary life in Lafayette and Louisiana in his personal, business and civic endeavors. Deeply religious, he has been active in the Presbyterian Church as an Ordained Elder, church school superintendent and Lay Minister. He has chaired the political action committee for the Lafayette Chamber and has been the council commission, chairman of the troop committee, and cub and scout master of the Boy Scouts of America in Lafayette, Louisiana.

One of Jack's most outstanding achievements has been his activities in the Rotary Club of Lafayette as well as world wide Rotary. Rotary is Jack's passion and it has resulted in his serving as president of the Lafayette Rotary Club, District 6200 governor, and as the Rotary presidents' international representative on four occasions. As a result of his Rotary service, Jack has received the Outstanding Rotarian Award from the Lafayette Rotary Club and District 6200. Internationally, he has been honored with the Rotary's highest awards of Meritorious Service Award and Distinguished Service Award.

Although Jack has given unstintly to the profession, he and his lovely and gracious wife, Amy A. Shirley, have always put their family uppermost. She has been a constant companion and supporter of Jack in both his business and private life. They have been blessed with four wonderful children: Mark, Scott, Steven, and Susan.

Jack Shirley is a man who maintains the highest moral and ethical standards in his profession as well as his personal life. His character and long time service to the GCAGS from 1966 to the present imminently qualify him for the GCAGS Distinguished Service Award.

*Frank W. Harrison, Jr.*

# Past Recipients— Distinguished Service Awards

## Gulf Coast Association of Geological Societies

R. E. Boyer (1982)  
P. B. Souders (1982)  
B. C. Tucker (1982)  
none awarded (1983)  
A. T. Green, Jr. (1984)  
Dewitt C. Van Sicken (1984)  
C. E. Harrison (1985)  
Raymond W. Stephens (1985)  
none awarded (1986)  
none awarded (1987)  
none awarded (1988)  
H. G. Collier, Jr. (1989)  
R. B. Seigert (1989)  
C. J. Corona (1990)  
R. W. Sabaté (1990)  
C. C. Baker (1991)  
G. A. "Jerry" Cooley (1991)  
S. Chuber (1991)  
C. R. Noll (1992)  
J. H. Hefner (1992)

J. G. Samuels (1992)  
T. E. Ewing (1993)  
W. R. Payne (1993)  
E. G. Wermund (1993)  
D. L. Smith (1993)  
D. E. Pope (1994)  
Duncan Goldthwaite (1995)  
Howard W. Kiatta (1995)  
Carlo C. Christina (1996)  
M. R. Douglas (1997)  
John C. Langford (1997)  
Lee T. Billingsley (1998)  
Richard W. Boebel (1998)  
Walter Coppinger (1998)  
Richard N. Hargis (1998)  
George E. Smith, III (1999)  
Gloria D. Sprague (1999)  
Don R. Boyd (1999)  
Jack Shirley (2000)  
Bob Hulse (2000)

# Past Recipients— Distinguished Service Awards

## Gulf Coast Section SEPM

Michael J. Nault (1988)  
Richard P. Zingula (1988)  
Thomas H. Fett (1989)  
Dennis Joseph Greig (1989)  
Bob F. Perkins (1991)  
Sheila C. Barnette (1992)  
C. Clarence Albers (1993)

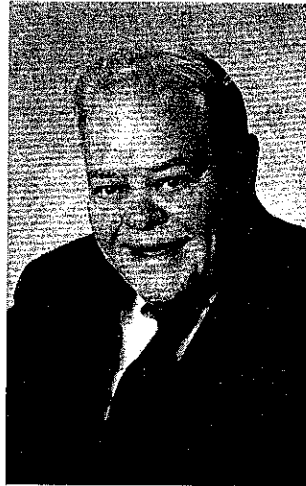
David T. Dockery III (1993)  
Nolan G. Shaw (1994)  
Arthur S. Waterman (1995)  
Denise M. Butler-Ford (1996)  
Edward B. Picou, Jr. (1997)  
Bonnie R. Weise (1997)  
Norman C. Rosen (1998)  
Rashel N. Rosen (1999)

# Honorary Membership

## Gulf Coast Association of Geological Societies

### H. Grady Collier

Grady Collier is one of the most respected, successful and well-liked geologists in the Gulf Coast. He has enjoyed success as a company geologist, exploration manager and as an independent geologist, yet has found time to work in the affairs of every geological organization to which he has belonged. Grady was born on July 22, 1926, in Wichita Falls, Texas. He entered the University of Texas in 1943, and after a two plus year interruption to serve in the U. S. Merchant Marine Cadet Corps and the Army Air Corps in the Pacific Theater, he returned in 1947 and received his B. S. in Geology in 1949.



Grady began his career in the petroleum industry in 1949 with Petty Geophysical Company as a seismic computer (for the youngsters, this was a seismic assistant). He joined British American Oil Producing Company in Shreveport in 1950 as an oil scout. At the time of his resignation in 1966, he had become Division Manager for the Ark-La-Tex, southeastern states, and south Louisiana, onshore and offshore areas. From 1966-68 he was manager of Exploration and Production for Franks-Grigsby, Inc. in New Orleans. During the period 1968-70 he was with King Resources Company as Division Exploration and Production Manager. In 1970 he became an independent consulting geologist, where he continues to work in semi-retirement.

Upon arriving in New Orleans in 1958 Grady immediately became active in the New Orleans Geological Society. He contributed to the publications, *Salt Domes of South Louisiana, Volume 1* and *Volume 2*. He was Chairman of the Technical Projects Committee, which generated the first volume in the Society's series, *Oil and Gas Fields of South Louisiana*. Grady also contributed to other technical publications, both in Shreveport and in New Orleans. He served as President of the New Orleans Geological Society in 1966-67 and was elected a Director in 1968 and again in 1978 for three year terms. Grady always was interested in the relationship of the geologist to the oil and gas industry, to the public, and to government. This interest was shown in his chairmanship of two

NOGS committees, the Employment Counseling Committee from 1977 to 1982 and the Geological Registration Committee from 1981 to 1987. He was awarded Honorary Life Membership by the New Orleans Geological Society in 1985.

Grady has been an active member of AAPG since 1949 and has served the Association in many capacities, including: Convention Coordinating Committee (1965)- Information Committee; Membership Committee (1966-67); Business Committee (1968-70); House of Delegates (1989-92); Division of Professional Affairs (Vice President 1991-92), when he was responsible for the first edition of *The Correlator*.

He served on the DPA Advisory Board where he was Vice Chairman (1990-91) of the Gulf Coast Section. He is a Certified Petroleum Geologist, (#2219), and a registered Professional Geologist in Arkansas, (#300).

Grady has served on several committees with GCAGS in various capacities. In 1989, in recognition of his many contributions to the industry he was awarded the Distinguished Service Award from GCAGS.

Grady has been very active in the Society of Independent Professional Earth Scientists, serving as Chairman, Vice-Chairman and Director of the New Orleans Chapter. He received the Chapter's award for outstanding service in 1984 and 1988. He has also served as Director, Secretary, and Vice President of the national organization, and President, Vice President, Secretary and Director of the National SIPES Foundation.

Grady Collier has held memberships and offices in several other organizations within the oil industry, as well as many historical, religious and community organizations. His many friends recognize him for his abilities as an explorationist and for his willingness to help others. He is a gentleman truly worthy of Honorary Membership in the Gulf Coast Association of Geological Societies.

Carlo C. Christina

# Honorary Membership

## Gulf Coast Association of Geological Societies

### Howard Kiatta

Howard W. Kiatta is being honored in 2000 by GCAGS with its Honorary Membership Award for his contributions and years of service to the profession of geology and GCASG. Howard is a native Houstonian. He received his B.Sc. degree in geology from the University of Texas at Austin in 1958 and his M.Sc. degree in geology from Texas Tech in 1960.

Howard's first professional position was with Texaco from 1960 to 1967. With Texaco, he worked in New Orleans, Houma, and Lafayette, first as a development geologist then as an exploration geologist. In 1967, Howard joined George Mitchell & Associates in Houston as an exploration geologist. The next ten years were very rewarding for both Howard and his employer. Howard rose to Vice President and Exploration Manager responsible for the Texas and Louisiana Gulf Coast including offshore and West Texas, and George Mitchell & Associates went public as Mitchell Energy & Development.

In 1977, Howard opted to become an independent. Since then, he has actively and successfully originated, assembled, and sold oil and gas prospects along the Gulf Coast. Howard is probably best known for his in-depth knowledge of Galveston Bay and surrounding areas, from the Miocene through the Vicksburg. It is an area in which he has had considerable success.

Howard has always taken an active role in the profession's societies. Among other GCAGS positions, he has chaired the DPA Program and Entertainment Committee for the GCAGS Convention in 1982. From 1990 to 1991 he served as secretary, and upon the incapacitation of Clyde Harrison, he became acting president. He has been chairman of the finance committee since 1994. In 1995, GCAGS honored Howard with its Distinguished Service Award. Most recently, Howard was the project chairman for *3-D Seismic Case Histories From the Gulf Coast Basin*, published by GCAGS in 1998.

Since joining HGS in 1967, he has served on the entertainment committee from 1968 to 1970, and as chairman of the entertainment committee from 1978 to 1980. He was chairman and editor of the *Stratigraphic Cross Sections of Southeast Texas* published in 1979 and was field selection chairman of *Typical Oil and Gas Fields of South-*



*east Texas* published in 1987, personally contributing the work on five of the fields. In 1988, HGS honored him with its Honorary Life Membership Award.

Howard has been a member of AAPG since 1959 and has represented HGS in the House of Delegates. He was a member of AAPG Advisory Council from 1992 to 1995 as GCAGS' representative. Howard is a member of TIPRO and SIPES and has served as a speaker at several SIPES seminars on the subject of being an independent.

It is also necessary to note a more personal service Howard has provided. He has become recognized and sought out as a willing and sound career counselor and mentor to other members of his profession. This has especially been the case during the volatility of the last 15 years. His counsel has been especially helpful to the younger members, but many of his contemporaries have also sought and benefited from his advice.

By his intention, Howard's contributions to GCAGS and HGS go well beyond the work he has done over the finite term of the offices or positions he has held. Howard wants to leave tracks. He relishes in organizing and seeing to completion tangible work products that will be available for others to use for years; e.g., *Stratigraphic Cross Sections of Southeast Texas*, *Typical Oil and Gas Fields of Southeast Texas* and the most recent effort, *3-D Seismic Case Histories From the Gulf Coast Basin*.

Like all who have had the opportunity of working with Howard, the editors of *3-D Seismic Case Histories From the Gulf Coast Basin* developed such an appreciation of his efforts and dedication that they closed the acknowledgements to that volume with the following paragraph. It is extremely apt and bears repeating.

*"Ultimately, though, the credit for getting this volume together goes to Howard Kiatta, General Chairman for this volume and Finance Chairman for GCAGS. This book was Howard's idea, and it got an enthusiastic response from the Board of Directors of GCAGS. He drafted or sweet-talked the other three editors into volunteering. Howard found many of these papers and many of the volunteers from the member societies. Howard alter-*

*nately encouraged, urged, chided, cajoled, flattered, and coaxed the editors to complete their jobs timely. He kept us moving. The ultimate compliment is that this book would have been finished if any one of the volunteers had dropped out, except Mr. Kiatta. Without him, it would not have been done. We editors are responsible for the direction and style of this book and the authors for their*

*papers, but Howard is responsible for its existence. For that we thank him and the GCAGS thanks him."*

Howard Kiatta has more than earned and fully deserves being honored with the Honorary Membership Award by GCAGS.

*Tom Purcell*

# Honorary Membership

## Gulf Coast Section SEPM

### Robert M. Mitchum

If Peter Vail is the father of sequence stratigraphy, Robert M. "Bob" Mitchum is the doctor who made the delivery. A key member of the seismic stratigraphy research team at Exxon Production Research, Bob completed many geological and geophysical studies that lead to the development of the new stratigraphy. He also had the onerous task of defining much of the terminology and writing many of the basic articles in AAPG Memoir 26, which kicked off the widespread use of seismic stratigraphy and sequence stratigraphy. In the following years, Bob became the sequence stratigraphy guru at Exxon, conducting studies of many basins worldwide, which were used both for prospect development and to train young explorers. Many of these people now hold senior management and technical positions in Exxon and elsewhere. He is author or co-author of over forty papers in classical stratigraphy, seismic stratigraphy and sequence stratigraphy.

Bob joined Exxon Research in Tulsa in 1954. For two years he studied fracture porosity development in regional joints and in fractures on compressional folds in the Big Horn Basin, Wyoming, and in the Appalachians of Maryland and Pennsylvania. From 1956 to 1969, he was involved in carbonate facies research including studies in the Paradox Basin and the Devonian reefs of western Canada. In Canada he studied the Swan Hills limestone and prepared a 43-sheet folio on all the Devonian reefs, including original outcrop studies in the Northwest Territories. He also made a two-year study of the Ellenburger carbonate of West Texas in Midland. He helped develop and led carbonate schools in the Bahamas, Florida, and the Guadalupe Mountains, and helped develop the Exxon carbonate classification.

A study of carbonates of the West Florida slope in the Gulf of Mexico combined analysis of high-frequency sparker data with classical sedimentology. This introduced him to seismic stratigraphic interpretation. In 1969 he joined Peter Vail's seismic stratigraphic section. His first regional study was offshore Morocco, using Exxon's overseas affiliate's data. Following that, a major study of the North Sea Paleocene deepwater sandstones came at a time



when many of the basic seismic stratigraphic concepts were being tested and documented. Long service jobs in the Gulf of Alaska, circum-Caribbean, and southern Atlantic USA offshore established him in his role of principal stratigraphic trouble-shooter for the Exxon affiliate companies.

During this period, most of his time was spent on loan to overseas affiliates. He worked with the Europe-Africa Division on offshore Ivory Coast, then was assigned to the Beaufort Basin in northern Canada. A long study of interior rift basins in Africa included those of Chad and Niger. In 1980 he was

involved in a study of Argentine basins, including the Neuquen, Malvinas, Magallanes, and San Jorge basins. Several research reports and outside publications resulted from these studies. A Gulf of Mexico regional study resulted in a long-term abiding love of the varied geology there; "something for everybody." A South Atlantic salt basin study introduced him to the geology of eastern South America and west Africa. Other areas include Yemen, offshore China, Gippsland basin, Australia, and offshore western Australia. All of these widespread service projects resulted in research spin-offs, with company research reports and outside publications, especially involving concepts of sequence stratigraphy and eustatic cycles, as well as deepwater fans and turbidites.

Bob retired from Exxon Research in 1988 after 34 years and began several new careers as an explorationist, teacher, and consultant. He joined John Sangree and Robert Sneider and worked with nearly all of the major oil companies. In the years after 1988, Bob consulted and explored in the Gulf of Mexico, Australia, Norway, Great Britain, Indonesia, Malaysia, Mexico, Canada, Venezuela, Argentina, Chile, and others. The list is too long to finish here. Indeed he still works full time at 71. Characteristically, he has tackled the interpretation of one of the most challenging and important new exploration areas and he is writing "just one more" paper that we ignore at our peril.

Bob was born in Nashville, Tennessee, worked and periodically lived on a farm, and was surrounded by the pleasures and prejudices of the rural South. He obtained his BA and MS at Vanderbilt University and went on for a



PhD at Northwestern University, with the team of Krumbain, Dapples and Sloss, who discarded the old shibboleths of geology and taught an exciting new open-minded stratigraphy and sedimentology. There he met Peter Vail and the author and we began a long and fruitful friendship.

Today Bob is a distinguished white-haired southern gentleman in the best and most modern sense of that term. His wife Naomi is an inspirational author, poet, and playwright and a truly wonderful support and companion.

Mitchum is a member of the American Association of Petroleum Geologists, and was a co-recipient of the AAPG President's award with P. R. Vail and J. B. Sangree for papers on seismic stratigraphy in the 1977 AAPG Memoir 26. He also received the Robert H. Dott Sr. Award with J. C. Van Wagoner and other co-authors for the AAPG spe-

cial publication *Methods in Exploration* Number 7 in 1992. He has had membership in the Society of Economic Geophysicists and belongs to the SEPM, the Houston Geological Society, and has been awarded an honorary membership in the Geophysical Society of Houston. He has been recognized for his editorial work for the AAPG. He has much to be proud of, but the many geologists that regard him as a father figure will attest that his primary goal is still to help others to benefit from his wealth of experience through teaching and example. Bob's election to Honorary Membership in the Gulf Coast Section SEPM is fitting tribute for his many contributions to the science of geology.

*John B. Sangree*

# Honorary Membership

## Gulf Coast Section SEPM

### John B. Sangree

John Sangree's Honorary Membership Award in the Gulf Coast Section SEPM is fitting tribute to a career that has forwarded the science of geology and influenced the patterns of hydrocarbon exploration. Although he has explored and managed exploration worldwide, his greatest contribution has been related to the development and teaching of sequence stratigraphy. He was a colleague of Peter Vail, Bob Mitchum, and others on the seismic stratigraphy team at Exxon. He also played a key role in nurturing the growing concepts of sequence stratigraphy as a manager in Exxon's overseas organizations, and later as a consultant to over forty national and multi-national companies worldwide. They say that Vail visualized sequence stratigraphy, Mitchum wrote it down, and Sangree sold it.

John's abilities as a teacher became obvious early in his career when he taught company schools at Exxon Production Research Company. These skills have been honed to a sharp edge in his later years of teaching hands-on workshops as a consultant. He has the knack of making sequence stratigraphy come alive with his colorful presentations. His vivid descriptions of the accommodation model or of the orbital eccentricities that produce Milankovitch cycles keep listeners at rapt attention. In his passion to be exploration-oriented, he fills his lectures with hydrocarbon-producing examples from his wide experience and the literature. His seismic and well-log interpretations are always progressive and stimulating.

When Sangree retired from Exxon in 1986, he feared that his management years might have dulled his sequence-stratigraphic skills, so, in typical fashion, he decided the best way to "retread" was to write a book on what he planned to teach. The result was the 500-page manual he uses in his courses on sequence stratigraphy. Updated versions of this book are still being used.

John started out at Rensselaer Polytechnic Institute and Rutgers University, getting his B.S. in 1951. He attended Northwestern University from 1951 to 1956 and got his PhD there in 1959. He married his wife Joan in 1951 ("the best thing that ever happened to me"), and together they raised a family during the graduate years and early company days, which was no easy task. They have six wonderful children, four girls and two boys, and, at last



count, thirteen grandchildren. Joan has been a lovely wife and mother, office manager, and companion for all these years. It has been a pleasure for my wife and me to know her.

Sangree joined Exxon in 1956 for a 30-year career. For approximately two-thirds of his career he was in research, with interests ranging widely from reservoir exploitation and petrophysics to basin analysis and seismic interpretation. He rose through the ranks and ended up as a division manager in

1975. He studied reservoirs in Iran, Kuwait, Saudi Arabia, the Los Angeles Basin, Sacramento Basin, Michigan Basin, the Nesson Anticline, Sumatra, Venezuela, Libya, and other countries. His studies of fracture porosity in folded carbonates of Iran in 1961 involved field work that led to adventures with bandits and other local characters.

In 1975 he transferred to exploration, and occupied managerial and operational assignments worldwide. He served as geophysical manager in the J.S. Gulf Coast, Europe-Africa, and the Far East, and traveled to some of the most remote parts of Africa and China while acquiring geophysical data. When he retired he was Chief Geophysicist and Geophysical Manager for Esso Exploration, Inc., the overseas affiliate for Exxon. During these years he developed his passion for collecting art objects such as African tribal masks and pottery.

John retired from Exxon in 1986 to form a partnership with Joe Richardson and Bob Sneider. He and Sneider helped form Greenhill Petroleum Corporation for exploration in the Gulf Coast. He resigned from this in 1990 and concentrated on teaching and consulting in partnership with me. Together we have taught short courses and consulted with most major multinational and national oil companies. In his career, John has worked in or visited over forty countries in his exploration activities, and has been involved in discoveries in Chad, Niger, Ivory Coast, offshore China, Thailand, and the North Sea.

Between consulting assignments, John has taken up a new interest, that of water color painting. Building on a natural talent for art and drawing, he pursues this latest passion with all the diligence and thoroughness with which he undertakes any of his many interests. The landscapes and coastal beauty of his new home on North Padre

Island afford ample subjects for his new hobby.

John Sangree is a member of the AAPG, the Society of Economic Geophysicists, Houston Geological Society, Geophysical Society of Houston, and the Corpus Christi Geological Society. He was associate editor of *Geophysics* in 1992. He was a co-recipient of the AAPG President's award with P. R. Vail and R. M. Mitchum for papers on seismic Stratigraphy in the 1977 AAPG Memoir 26.

My association with John began in graduate school at Northwestern, where we were students with Peter Vail,

absorbing Dr. Larry Sloss' ideas on continent-wide unconformities and the progressive ideas of Krumbein and Dapples on regional mapping. We worked and hunted together for many years at the Carter, Jersey, and Exxon Research Centers, and have kept up our partnership and friendship in our consultant years "after Exxon." It is a great privilege to be John's biographer for his Honorary Membership Award from the Gulf Coast Section of SEPM.

*Robert M. Mitchum*

## Past Recipients— Honorary Membership Gulf Coast Association of Geological Societies

D. R. Boyd (1982)  
J. Braunstein (1982)  
M. T. Halbouty (1982)  
F. W. Harrison, Jr. (1982)  
H. N. Hickey (1982)  
L. H. Meltzer (1982)  
S. J. Lysinger (1983)  
J. O. Lewis (1983)  
E. C. Roy, Jr. (1983)  
F. L. Smith, Jr. (1983)  
P. M. Strunk (1983)  
R. J. LeBlanc, Sr. (1984)  
W. R. Paine (1984)  
M. O. Turner (1984)  
W. L. Fisher (1986)  
C. L. Sartor (1986)  
J. J. Amoruso (1987)  
W. L. Stapp (1988)  
J. A. Gilreath (1989)  
R. E. Boyer (1990)  
J. A. Hartman (1990)  
T. H. Philpott (1990)

none awarded (1991)  
none awarded (1992)  
G. A. Cooley (1993)  
M. G. Frey (1993)  
P. G. Gray (1993)  
J. T. Palmer (1993)  
T. D. Barber (1994)  
D. F. Tobin (1994)  
Edward B. Picou, Jr. (1995)  
George D. Severson (1996)  
Arnold H. Bouma (1997)  
Carlo C. Christina (1997)  
David Pope (1997)  
Dan Smith (1997)  
Stewart Chuber (1998)  
John C. Langford (1998)  
Raymond W. Stephens (1998)  
James Lee Wilson (1998)  
E. G. Wermund, Jr. (1999)  
Robert A. Anderson (1999)  
H. Grady Collier (2000)  
Howard W. Kiatta (2000)

# Past Recipient— Distinguished Honorary Membership Gulf Coast Section SEPM

Charles G. Ventress (1989)

# Past Recipients— Honorary Membership Gulf Coast Section SEPM

Ester Applin (1964)  
Alva C. Ellisor (1964)  
Marcus A. Hanna (1964)  
Henry V. Howe (1964)  
Hedwig T. Kniker (1964)  
Winnie McGamery (1964)  
John R. Sandidge (1964)  
J. B. Garrett, Jr. (1965)  
E. H. Rainwater (1966)  
Henry Bronislaw Stenzel (1971)  
Jules Braunstein (1973)  
Grover E. Murray (1973)  
Harold V. Anderson (1975)  
Lyman D. Toulmin (1975)  
Doris M. Curtis (1977)  
Stuart A. Levinson (1978)  
Fred L. Smith, Jr. (1978)  
Charles W. Stuckey (1978)  
William R. Paine (1980)  
Frank E. Lozo, Jr. (1981)  
Gene B. Martin (1984)

Bob F. Perkins (1984)  
Edward B. Picou, Jr. (1984)  
Claude M. Quigley, Jr. (1986)  
William P. S. Ventress (1986)  
Don G. Bebout (1987)  
David E. Pope (1987)  
Emmett Ray Adams (1989)  
Jack O. Colle (1989)  
John B. Dunlap (1989)  
C. Clarence Albers (1990)  
Ben J. Petruske (1990)  
Ernest A. Mancini (1991)  
James M. Coleman (1992)  
Edward McFarlan, Jr. (1994)  
Arnold H. Bouma (1995)  
Harry H. Roberts (1996)  
Joel S. Watkins (1998)  
John M. Armentrout (1999)  
Robert M. Mitchum (2000)  
John M. Sangree (2000)

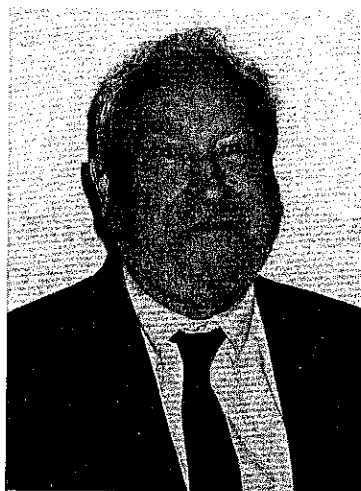
# Outstanding Educator

## Gulf Coast Association of Geological Societies

### Robert E. Sheriff

According to the GCAGS requirements, the Outstanding Educators Award is "... designed to honor those educators in academia who have made a major impact in the lives of Gulf Coast geologists." If this were taken literally, the Society would be bestowing a multitude of Outstanding Educators Awards on Dr. Robert E. Sheriff; his contributions to the literature, education and training of geoscientists are legionary. It is difficult to find a Gulf Coast geoscientist who has not been "exposed" to the zealous devotion that Bob has for education. Bob has long delighted us – from the eager young students to seasoned explorationists – with his lucid and enthusiastic lectures.

It is impossible to summarize Bob's career and the influence he had on the oil industry in this short citation. Before he graduated from Ohio State (Ph.D. 1950), he worked at Oak Ridge on the secret WWII Manhattan Project. For the next 25 years he held various positions in Chevron including tours in Trinidad and Perth, Australia. It was during the Chevron tenure, that Bob co-organized the industry-academia seminars for university professors to discuss industry technology... the "education of the educators." After taking early retirement from Chevron, Bob became senior vice-president for Seiscom Delta in Houston and began his close association with the University of Houston as an Adjunct Professor. Five years later, Bob accepted a professorship in the Geoscience Department of the University of Houston. This career path led the SEG to bestow the Special Commendation Award on Bob for "...his devotion to teaching that have inspired his many students who hold him in the highest regard." Until recently, Bob was also acting Director of the Allied Geophysics Lab at the University of Houston, an industry-sponsored consortium. Additional highlights of Bob's career can be found in the April, 1991, and September, 1995, issues of *The Leading Edge*.



Few geoscientists worldwide would fail to recognize Bob in a crowd; at the very least his name is familiar to geoscientists the world over. SEG's Kauffman Gold Medal (1969), Distinguished Lecturer (1977), Honorary Member (1979), Special Commendation (1996), U of H Alumni Association Quest for Excellence Award (1997), and SEG's highest-honor Maurice Ewing Medal (1998). But, first and foremost, Bob's name has come to be linked consistently to the *Encyclopedic Dictionary of Exploration Geophysics*, SEG's standard for terms since its first edition. Is it still up-to-date? I lost track... is it the fourth or fifth edition soon to be released? Let's add to this list another six geoscience books, several are in their 2<sup>nd</sup> or 3<sup>rd</sup> editions.

No reference to Bob would be complete – or, perhaps, even recognizable – without including his family. During their 50-plus years of marriage, Bob's lecture tours have let the Sheriffs explore parts of the world even unknown to the seasoned travelers. This strong family tie was part of the reason that Bob and his wife, Margaret, have special provisions for the Faculty Chair that they have endowed at U of H; travel expenses for the family are included.

Few in the geoscience profession have been more ecumenical than Bob Sheriff in their contributions to the geoscience education. He has taught not only with his considerable knowledge and facility but also with his example. It is geoscientists like him who blaze the path toward the integration and internationalism of the geoscience profession and education. We are proud and honored to have Bob Sheriff as a recipient of the GCAGS Outstanding Educators Award for 2000.

*Fred Hilterman*

# Outstanding Educator

## Gulf Coast Association of Geological Societies

### Emily Hoskins Vokes

Emily Hoskins Vokes was born in Monroe, LA, on May 21, 1930. She received from Tulane University a B.Sc. and M.Sc. in geology, and, in 1967, a Ph.D. in paleontology. She was profoundly influenced by the late Professor Harold E. Vokes, whom she later married. They became a popular and widely known research team specializing in Tertiary molluscs.

Throughout her 25 year teaching career at Tulane, Dr. Vokes directed innumerable students into advanced degrees and professional careers because of her broad knowledge, her infectious enthusiasm, and most importantly, her great generosity. No one ever found Emily too busy to help them with any denial of scholarship or even personal matters - it is not for nothing that she is fondly remembered as "Auntie Em." Her course material, always fascinating, was made even more colorful by a huge collection of photographic slides garnered during the Vokes' annual trips to all corners of the world.

In 1975, Emily was honored with the John Dyer Award for excellence in teaching, as well as the University Student Council Award. A busy professional career, which produced three books and some 150 articles, did not prevent Emily from spending 27 years (1970-1997) polishing the writings of other scientists as associate editor and editor of the *Tulane Studies in Geology and Paleontology*. The *Studies'* classic articles in fields from micropaleontology to vertebrate paleontology have long been used as basic references by petroleum industry researchers and academia. A further literary talent of Em's has been her



delightful annual Geology Department newsletters filled with tidbits about alumns.

Besides serving as chairman of the Department of Earth Sciences from 1975-1982 and acting dean of Newcomb College (1987-1988), Emily also served as president and treasurer of the Tulane chapter of Sigma Xi from 1983 to 1997. She was a visiting professor of malacology at the Universidade do Rio Grande do Sul in Brazil (1971) and a visiting curator at the Australian Museum in Sydney (1980). Emily recently received a presidential citation from the Paleontology Society in October, 1999, for

"recognition of a career of outstanding contributions to Cenozoic Paleontology."

Through her collecting trips from the Chipola River to Tierra del Fuego and beyond, Emily and Harold amassed for Tulane one of the world's premier fossil mollusc collections. Upon her retirement in 1996, the Tulane collection was divided among the U.S. National Museum (Washington, D.C.), the Paleontologic Research Institute (Ithica, NY), and the Florida Museum of Natural History (Gainesville, FL).

Since retiring from Tulane, Emily has begun another career as proprietress of an antique shop in Ponchatoula, LA. She continues to read, travel, and keep in touch with the colleagues, students, and friends who consider her so uniquely deserving of this award.

*Barry Kohl*

# Past Recipients— Outstanding Educator Award

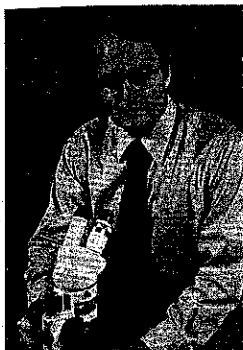
## Gulf Coast Association of Geological Societies

Robert R. "Bob" Berg (1991)  
James M. Coleman (1991)  
Brian E. Lock (1991)  
Edward E. Roy, Jr. (1991)  
Arnold H. Bouma (1992)  
Clyde H. Moore (1992)  
Carl E. Norman (1992)  
Alfred E. Weidie, Jr. (1992)  
William E. Galloway (1993)  
William W. Craig (1994)  
Harry H. Roberts (1995)

William R. Bryant (1996)  
Jeffrey S. Hanor (1997)  
Donald H. Kupfer (1997)  
William C. Ward (1997)  
Ernest A. Mancini (1998)  
M. Gordon Frey (1999)  
Nolan G. Shaw (1999)  
William R. Dupre (2000)  
Robert E. Sheriff (2000)  
Emily Vokes (2000)

# 1999 A.I. Levorsen Memorial Award

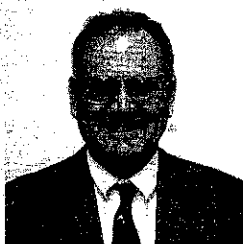
## William C. Dawson and William R. Almon



employed by Fossil Petroleum Corporation in Dallas, TX,

William C. Dawson is a senior research associate in the Basin Evaluation Group of Texaco Upstream Technology, Houston, TX. He received a B.Sc. in geology from the University of Illinois, a M.Sc. in geology from the University of Texas at Arlington, and a Ph.D. in geology from the University of Illinois. Prior to joining Texaco in 1984, Dr. Dawson was

and Eason Oil Company in Oklahoma City, OK. Much of his work at Texaco has involved the application of sedimentology and diagenesis to reservoir characterization studies for both domestic and international projects. His expertise also includes sedimentary petrography, seal analysis, sequence stratigraphy, and petroleum system analysis. He has extensive experience in southeastern Asian and west African rift basins. Dr. Dawson is a former associate editor of the AAPG Bulletin. He has also co-authored 45 research papers and 30 presentations at professional society meetings. He is a member of AAPG, SEPM, and is an active participant in the AAPG Visiting Geologists program.



William R. Almon is a senior research consultant and Texaco Fellow, Upstream Technology Department, Texaco Group Inc., Houston, TX. Bill Almon received his Ph.D. in Geology from the University of Missouri in 1974 and joined Cities Service Oil Company. He subsequently

worked as an independent consultant and for Anadarko Petroleum before joining Texaco in 1990. He has worked and published extensively in the areas of reservoir characterization, application of siliciclastic diagenesis to reservoir management, and seal/flow barrier characterization. Bill is a former AAPG Distinguished Lecturer and Petroleum Exploration Society of Australia Overseas Distinguished Lecturer.



# 1999 Excellence of Presentation Awards

## Gulf Coast Association of Geological Societies

### First Place Excellence of Presentation Award

**William C. Dawson**

*Top Seal Character and Sequence Stratigraphy of Selected Marine Shales in Gulf Coast Style Basins*

(by William C. Dawson and William R. Almon)



William C. Dawson is a senior research associate in the Basin Evaluation Group of Texaco Upstream Technology, Houston, TX. He received a B.Sc. in geology from the University of Illinois, a M.Sc. in geology from the University of Texas at Arlington, and a Ph.D. in geology from the University of Illinois. Prior to joining Texaco in 1984, Dr. Dawson was employed by Fossil Petroleum Corporation in Dallas, TX,

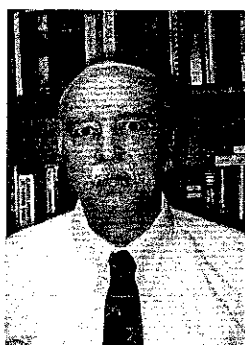
and Eason Oil Company in Oklahoma City, OK. Much of his work at Texaco has involved the application of sedimentology and diagenesis to reservoir characterization studies for both domestic and international projects. His expertise also includes sedimentary petrography, seal analysis, sequence stratigraphy, and petroleum system analysis. He has extensive experience in southeastern Asian and west African rift basins. Dr. Dawson is a former associate editor of the AAPG Bulletin. He has also co-authored 45 research papers and 30 presentations at professional society meetings. He is a member of AAPG, SEPM, and is an active participant in the AAPG Visiting Geologists program.

### Second Place Excellence of Presentation Award

**Roger Sassen**

*Geology and Geochemistry of Gas Hydrates, Central Gulf of Mexico Continental Slope*

(by Sassen, R., S.T. Sweet, D.A. Defreitas, A.V. Milkov, G. Salata, and E.W. McDade)



Roger Sassen received a B.A. in chemistry from Hunter College in 1968, and began graduate school at Lehigh University. Following service as a Military Intelligence officer 1969-1972, he obtained the M.S. in 1973 and then the Ph.D. in Geological Sciences from Lehigh University in 1975. He joined Texaco's Bellaire Research Laboratory in

1975, was supervisor of geochemistry for Getty 1978-1984, and after the merger was supervisor of geochemical research for Texaco. In 1985, Roger Sassen became director of the Basin Research Institute at Louisiana State University. From 1989 to 1992, he was manager of geochemistry for BP Exploration. Since 1992, Sassen has been at Texas A&M University. He is Deputy Director of Resource Geosciences at the Geochemical and Environmental Research Group (GERG), an adjunct Professor in the Department of Geology and Geophysics, and Research Scientist in the Department of Oceanography.

## Third Place Excellence of Presentation Award

### Daniel J. Tearpock

*Growth Analysis: ( $\Delta d/d$ ): Case Histories of the Resolution of Correlation Problems as Encountered While Mapping Around Salt*

(by R.E. Bischke, W. Finley, and D.J. Tearpock)



Dan serves as chairman of the board of Subsurface Consultants & Associates LLC (SCA), an upstream petroleum consultancy and training company. He began his career just over 30 years ago after receiving his B.A. degree in geology from Bloomsburg University. He has enjoyed a varied career in both domestic and international oil and gas exploration and production. In addition,

he has been very active in the development and implementation of proven methods and techniques for finding and developing oil and gas resources. He has co-authored two textbooks, *Applied Subsurface Geological Mapping* and *Quick Look Techniques for Prospect Evaluation*, which have become an important reference and text book in the petroleum industry for exploration and development prospecting and evaluation methods. In 1988, he founded Subsurface Consultants & Associates based on the belief that petroleum companies want high technical standards in upstream exploration and development from outside service providers.

# 1999 Best Poster Awards

## Gulf Coast Association of Geological Societies

### First Place Best Poster Award

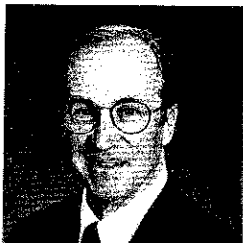
**Amanda Nikiel Veazey and Jeffrey S. Hanor**

*Spatial Variations in Formation Water Salinities, South Pelto and South Timbalier Areas, Eastern Louisiana Continental Shelf*



Amanda Nikiel Veazey is a geologist with Marathon Oil Company in Lafayette, LA. Ms. Veazey received a BA degree in Geology from Smith College in 1996 and an MS degree in Geology from Louisiana State University in 1998. In 1998, Amanda began working as a development geologist in the

Gulf Coast Region office of Marathon Oil Company in Lafayette, LA. She is a member of the American Association of Petroleum Geologists.



Jeffrey S. Hanor holds the rank of LSU Alumni Professor in the Department of Geology and Geophysics at Louisiana State University. Hanor received his B.S. in Geology from Carleton College and his M.S. and Ph.D in geology from Harvard University. He was an NSF

Postdoctoral Fellow and Assistant Research Oceanographer at the Scripps Institution of Oceanography before joining the faculty at LSU in 1970, where he has served as the Chairman of the Department of Geology and the Director of the School of Geoscience.

Jeff and his students have published widely on topics related to the geochemistry of sediments and natural waters and the regional hydrogeology of sedimentary basins. Several of these papers have won GCAGS best paper and poster awards. Hanor served as the 1998 Bird-sall-Dreiss Distinguished Lecturer of the Hydrogeology Division of the Geological Society of America and visited over 30 universities and national laboratories speaking about his work on the origin and migration of saline fluids in sedimentary basins. Jeff has also won several teaching awards, including the 1997 GCAGS Outstanding Educator Award and the 2000 Teaching Award of the AAPG Division of Environmental Geosciences.

## Second Place Best Poster Award

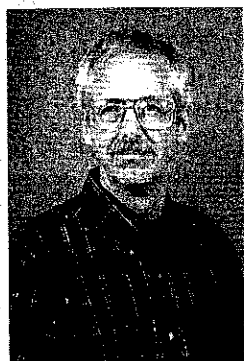
**Guohai Jin, Richard H. Groshong, Jr., and Jack C. Pashin**

*Relationship Between Drag Fold Geometry and Fracture Production in the Selma Chalk, Gilbertown Oil Field, Southwest Alabama*



Guohai Jin is currently finishing his Ph.D. in geology at the University of Alabama. He graduated from Zhejiang University in China with a B.A. degree in geology in 1986. He received his M.S. degree in structural geology from Zhejiang University in 1989. In the fall of 1989, he joined Zhejiang University as a lecturer at the Department of Earth Sciences. From 1989 to

1996, he focused his research on plate tectonics, paleo-continent reconstruction, and Paleozoic to Mesozoic magneto-stratigraphy in major oil-bearing basins in China. He received a number of awards from Chinese Educational Committee for excellence of research. Since the fall of 1996, he has been working with Dr. Groshong on DOE and DOE EPSCoR projects covering the interpretation of 3-D extensional structures from subsurface mapping, fracture identification from well log using neural networks, to hydrocarbon production analysis. He is currently focusing on developing kinematic models.



University in 1971. He taught for 3 years at Syracuse

Richard H. Groshong, Jr. is a professor of structural geology at the University of Alabama in Tuscaloosa. He is also an instructor for Oil and Gas Consultants International (OGCI) for which he teaches courses on 3-D subsurface map interpretation. Rick received his B.S. degree from Bucknell University in 1965, his M.A. from the University of Texas at Austin in 1967, and his Ph.D. from Brown University in 1971. He

University, then joined Cities Service Oil Company as a research geologist in their Tulsa laboratory. In his ten years with Cities Service he rose from research geologist to manager of structural research and finally to senior research associate. He joined the University of Alabama in 1983. He was an AAPG Distinguished Lecturer in 1989-1990 and was elected chairman of the Geological Society of America's Structure and Tectonics Division in 1994. He has published over 74 papers and 86 abstracts, and a recent book titled *3D Structural Geology*. The book, published by Springer, is a practical guide to subsurface and surface map construction and interpretation for professional geologists.



Jack C. Pashin is head of the Energy and Minerals Section at the Geological Survey of Alabama. Jack received a B.S. degree in geology from Bradley University in 1982 and M.S. and Ph.D. degrees in geology from the University of Kentucky in 1985 and 1990, respectively. Over the past decade, Jack has published numerous papers and

has won awards for his research on the stratigraphy and structural geology of coalbed methane and fractured chalk reservoirs. Dr. Pashin is active in several professional societies and currently serves as Coal Committee Chair of the Energy and Minerals Division of AAPG.

## Third Place Best Poster Award

**Salah El-Din Mahmoud, Emile A Pessagno, Jr. and Janok P. Bhattacharya**

*Sequence Stratigraphic Analysis of the Upper Cretaceous Deposits, Rio Grande Embayment, Using Well Logs, Cores, and Outcrops*



Salah E. Mahmoud received his Bachelor of Science in Geology from Cairo University in 1988. He received a graduate diploma in applied geophysics in 1990, and his MS in stratigraphy and paleontology in 1995 from Cairo University. He is to receive his PhD degree in integrated sequence stratigraphy, using seismic tools (2D and 3D), sedimentology and biostratigraphy from well and outcrop data, from the University of Texas at Dallas

within few months. He is giving special interest to reservoir characterization methods, including the use of applied geostatistics in facies modeling, fracture modeling, well planning, and flow simulation. He conducted work for a British geo-consulting company "COREX" from 1990 to 1996 for major oil companies. He joined the Egyptian operator of AGIP oil-company "PETROBEL" as a sedimentologist in 1997, conducting a regional project on integrated sequence stratigraphy of the Nile Delta. He left PETROBEL for his PhD at the University of Texas at Dallas in the fall of 1997. He innovated a new quantitative technique in sequence biostratigraphy, which may have a positive effect on future reservoir characterization studies.



Janok P. Bhattacharya is an Associate Professor in geology at the University of Texas at Dallas. His research interests include deltaic sequence stratigraphy, the local control of structure on stratigraphy, and reservoir architecture of clastic depositional systems. He received his B.Sc. in 1981 from Memorial University of New-

foundland, Canada, and Ph.D. in 1989 from McMaster University, Hamilton, Ontario, Canada. Following a Natural Sciences and Engineering Research Council post-doc at the Alberta Geological Survey in Edmonton, Janok worked for the Bureau of Economic Geology at Austin and ARCO before joining UTD.

# Past Recipients— Excellence of Presentation and A. I. Levorsen Memorial Awards

## Gulf Coast Association of Geological Societies

	First Award	Second Award	Third Award	A. I. Levorsen Award*
1959	J. E. Walters	R. L. Oakes	H. A. Bernard C. F. Major, Jr. B. S. Parrott	
1960	D. J. Hughes†	D. I. Andrews†	E. H. Rainwater†	
1961	R. D. Ocamb	D. I. Andrews J. C. Stipe	R. P. Fietz K. R. Scott W. E. Hayes	
1962	D. R. Tucker	R. J. Granberry R. C. Wilshusen	G. C. Glaser (tie)‡ W. R. Walton (tie)‡	
1963	E. H. Rainwater	V. Peppard	S. L. Blanton, Jr.	
1964	E. H. Rainwater	D. R. Boyd B. F. Dyer	J. L. Arps	
1965	C. R. Kolb	G. R. Kellough	Not awarded	
1966	J. R. van Lopik B. J. Sloan, Jr.	W. R. Paine	R. E. Gernant R. V. Kesling J. Ewing (tie)	B. J. Sloan, Jr.
1967	H. Yarborough, Jr.	W. A. Price	J. C. Meyers (tie) D. J. Hughes	H. Yarborough, Jr.
1968	J. D. Myers	E. H. Rainwater	D. F. McNamee (tie)	J. D. Myers
1969	P. O. Roehl	J. K. Rogers	L. F. Brown (tie) J. F. Harris	J. K. Rogers
1970	J. J. Amoruso	R. R. Berg	Not awarded	J. J. Amoruso
1971	H. Yarborough, Jr.	D. A. Reel (tie) G. M. Griffin B. J. Sloan (tie) J. A. Hartman (tie)		H. Yarborough, Jr.
1972	R. R. Berg	M. T. Halbouty	J. J. Amoruso	R. R. Berg
1973	R. D. Woods J. W. Addington	R. D. Ottman P. L. Keyes M. A. Ziegler	R. R. Berg F. L. Findley	J. M. Coleman L. D. Wright
1974	D. H. Kupfer	J. M. Coleman L. D. Wright J. N. Schyda T. Whelan	C. A. Parker	D. H. Kupfer
1975	W. L. Seal J. A. Gilreath	J. D. Myers	B. P. Baganz J. C. Horne J. C. Fern	J. D. Myers
1976	J. D. Robinson A. R. Troell	J. W. Becher C. H. Moore A. R. Troell	N. Neel	J. D. Robinson
1977	D. K. Davies W. R. Almon	J. O. Lewis	J. O. Snowden W. B. Simmons E. B. Troughber R. W. Stephens	D. K. Davies W. R. Almon

	<b>First Award</b>	<b>Second Award</b>	<b>Third Award</b>	<b>A. I. Levorsen Award*</b>
1978	C. T. Siemers	J. W. Lund J. S. King R. E. Berlitz J. A. Gilreath	E. F. McBride	C. T. Siemers
1979	C. D. Winker	R. R. Berg	C. C. Christina K. G. Martin	R. R. Berg
1980	E. A. Mancini D. J. Benson	F. W. Harrison, Jr.	G. N. Gatenby	E. A. Mancini D. J. Benson
1981	E. C. Roy, Jr. M. Eidelbach N. Trumbly	J. L. Coleman, Jr. C. J. Coleman	G. J. Grabowski, Jr.	E. C. Roy, Jr. M. Eidelbach N. Trumbly
1982	T. E. Ewing S. C. Caran	D. J. Benson E. A. Mancini	R. R. Berg M. F. Habeck	T. E. Ewing S. C. Caran
1983	J. W. Cagle M. A. Khan	W. M. Ahr H. B. Hull, Jr.	T. E. Ewing (tie) C. H. Moore (tie)	J. W. Cagle M. A. Khan
1984	G. Kinsland	S. K. Stewart	C. L. Sartor S. R. Howard	G. Kinsland
1985	C. C. Walters M. R. Cassa	E. A. Mancini R. M. Mink B. L. Bearden	A. L. Workman J. S. Hanor	W. E. Galloway
1986	S. P. Dutton	A. H. Saller B. R. Moore	J. M. Coleman D. P. Prior H. H. Roberts	S. P. Dutton
1987	S. P. Dutton R. Finley K. Herrington	R. Evans	C. Black R. Berg	S. P. Dutton R. Finley K. Herrington
1988	M. P. Prescott	J. J. O'Brien I. Lerche	D. F. Williams I. Lerche	J. J. O'Brien I. Lerche
1989	Peter Hutchinson	N. M. Kuich	William Wade Jeffery Hanor Roger Sassen	Peter Hutchinson
1990	Michael P. Prescott	Philip L. Cook, Jr. John D. Bush John C. Marble Robert D. Schneeflock	Daniel Tearpock Harvey Pousson	Michael P. Prescott
1991	Andrew J. Davidoff	H. S. Sumner	Tom Ewing Grant Fergeson	Andrew J. Davidoff
1992	K. T. Barrow George B. Asquith Gary L. Causey	Raymond A. Levey Mark A. Sippel Robert J. Finley Richard R. Langford	J. Ulises Ricoy Joseph S. Yeh R. P. Major	Harry H. Roberts Douglas J. Cook Mark K. Sheedlo
1993	Wayne Carew Paul F. Ostendorf Glenn L. Krum	William A. Ambrose Raymond A. Levey Jose M. Vidal Mark A. Sippel James R. Ballard David M. Coover, Jr. Walter E. Bloxsom	William D. DeMis Jeffrey V. Milliken	Wayne Carew Paul F. Ostendorf Glenn L. Krum
1994	John A. Rhodes	Barry E. Bradshaw Joel S. Watkins	Roger J. Barnaby R. Ramamoorthy Mark H. Holtz	John A. Rhodes

	<b>First Award</b>	<b>Second Award</b>	<b>Third Award</b>	<b>A. I. Levorsen Award*</b>
1995	Robbie R. Zenero David L. Seng Mark R. Byrnes Randolph A. McBride	Ezat Heydari William J. Wade Laurie C. Anderson	Arnold H. Bouma Henry deV. Wickens James M. Coleman	Mary J. Broussard Brian E. Lock
1996	J. C. Fiduk B. D. Trudgill M. G. Rowan P. Weimer P. E. Gale B. E. Korn R. L. Phair W. T. Gafford G. R. Roberts S. W. Dobbs C. K. Guu	C. Story	D. J. Hall	D. J. Hall
1997	Sharie M. Sartain B. E. See	Joseph C. Fiduk P. Weimer B. D. Trudgill M. G. Rowan P. E. Gale B. E. Korn R. L. Phair G. R. Roberts W. T. Gafford C. K. Guu R. Lowe	William J. Doyle R. G. Wonish T. Schroeder	Brad A. Robison R. Detomo, Jr. R. D. Gardner A. Speksnijder M. J. Styzen
1998	Gary L. Kinsland	Thomas E. Ewing	Chip Story	Thomas E. Ewing
1999				William C. Dawson William R. Almon

\* This award is given by the AAPG to the paper that best exemplifies creative ideas in oil and gas exploration (first award, 1966).

\*\*Prior to 1999 the awards were presented as "Best Paper Awards."

† 1985 through 1990 *Transactions* erroneously shown as not awarded.

‡ Glaser and Walton received First Place in the Paleontology Division for their 1962 paper.



# Past Recipients— Best Poster Awards

## Gulf Coast Association of Geological Societies

	First Place	Second Place	Third Place
1988	Glenn M. Pense Austin A. Sartin	John A. Adamick James Coleman	Harry Roberts
1989	Frank G. Cornish	R. D. McPhearson	Not awarded
1990	Thomas H. Fett	R. Brent Bray Jeffrey S. Hanor	Not awarded
1991	Michael J. DiMarco R. Craig Shipp	Jose Ulises Ricoy	Not awarded
1992	Thomas P. Bulling Al J. Kregji	William C. Dawson Donald F. Reaser	Not awarded
1993	Arnold H. Bouma Donald A. Goddard	Wayne Carew Paul F. Ostendorf Glenn L. Krum	Not awarded
1994	Timothy H. Brown Lawrence Bruno Mike Green	Abu N. Chowdhury Donald L. Risch Andrew E. Hannan, Sr.	Not awarded
1995	Mervin Kontrovitz Jerry Marie Slack	Raymond Sturdivant, Jr. (tie) Gary A. Fulton, Jr. Frank E. Bains Joel K. Jordan (tie)	Not awarded
1996	Hank DeWitt (tie) Mike Globe Ray Sorenson Harry D. Roberts (tie)	Ali M. Al-Ghamdi Joel S. Watkins	Hughbert A. Collier Jorge O. Parra
1997	Richard H. Fillon Paul N. Lawless Rome G. Litton, III	Roger Tyler R. P. Major H. Scott Hamlin Mark H. Holtz Mark Vining	Frank R. Sheppard, III David N. Wright Patrick L. McGrievy
1998	T. F. Hentz B. J. Bascle L. D. Nixon R. H. Peterson C. J. John	J. C. Fiduk P. Weimer B. D. Trudgill M. G. Rown B. C. McBride	R. R. Pressler D. B. Walker

NOTE: Poster sessions and judging began in 1988.

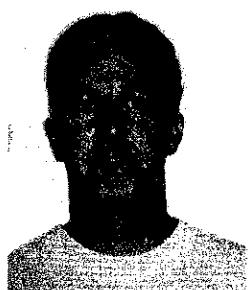
# 1999 Best Paper Awards

## Gulf Coast Section SEPM

### First Place Best Paper Award: Excellence in Presentation

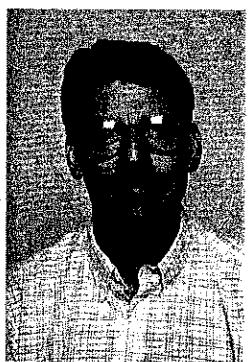
**Ciaran J. O'Byrne, Joydeep K. Halder, Arthur E. Berman,  
Richard Klecker, John Martinez**

*Dynamic Response of Deepwater Depositional Systems to Growth of the  
Mississippi Fan Fold Belt, Gulf of Mexico*



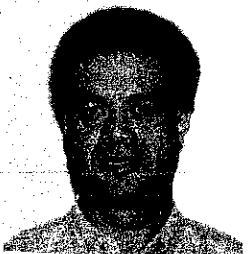
Ciaran O'Byrne completed a Ph.D in 1990 on deepwater clastics at University College, Dublin, Ireland. This was followed by a Post-Doctoral study with the Reservoir Modeling Group at Shell Research, The Netherlands and Liverpool University, U.K., on sequence stratigraphic analysis of near-shore marine and fluvial sediments in the Book Cliffs Utah and its application to reservoir modeling. He subsequently joined the Stratigraphic Prediction Group at Shell's Bellaire Research Center in Houston, USA involved in domestic and international exploration/production

projects and training courses. Ciaran resigned from Shell in 1993 and joined Amoco Production Co.'s Worldwide Exploration Business Group providing technical support to the WEBG risk and exploration teams. Working primarily in Tertiary basin clastics he was involved in various exploration plays in the S. China Sea, S. America, West Africa, USA and Mexico. Currently he is a member of BPAmoco's Gulf of Mexico Deepwater Exploration business unit and is actively involved in various internal and external sedimentology and stratigraphy networks. In addition, Ciaran continues to provide training classes in clastic sedimentology and stratigraphy at BPAmoco. He is an active member of the AAPG, SEPM, IAS, Houston Geophysical and Geological Societies.



Richard Klecker began his geological career with Amoco's Denver office in 1980 after receiving his M.S. degree in geology from Oregon State University. During his stay in Denver he worked on exploration projects in western Montana, Colorado's D-J Basin, and the San Joaquin Basin in California. He also gained

exploitation experience in the DJ Basin and the Arkoma Basin. Since transferring to Houston in 1992, Rich has held exploration assignments in the Polish Carpathians and most recently in the deepwater Gulf of Mexico. He is currently a Senior Geologist with BP Amoco's Deepwater Gulf of Mexico group responsible for exploration prospect generation. Rich's professional interests include deep marine depositional processes, the interaction of salt tectonics and depositional facies distribution, and seismic facies interpretation. Rich is a member of the AAPG.



John Martinez began his career with Amoco in 1966 starting as a sample washer in the Denver Regional office. Shortly thereafter, he became an exploration technologist. He worked with geophysicists on seismic data acquisition and seismic processing projects throughout the

Rocky Mountain area and Alaska. In 1979, after having earned his B.S. degree in math and geology from Metropolitan State College, John was promoted to geophysicist. From 1979 to 1992, he worked on some of Amoco's highest profile exploration projects in the Denver Region as a seismic interpreter. These assignments allowed John to develop his expertise in seismic interpretation and prospect generation while incorporating his seismic processing experience.

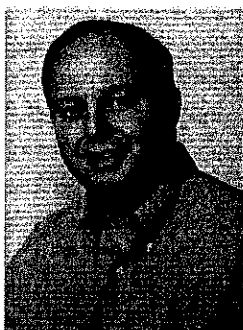
In 1992, John transferred to Houston to work in Amoco's Worldwide Exploration Business group as a senior seismic interpreter working in San Joaquin Basin project in California. In 1994, he was transferred into the Gulf of Mexico Shelf team and soon after became a member of Amoco's Gulf of Mexico Deepwater team assigned

to do regional mapping, acreage evaluation and prospect generation. John has been involved with workstation interpretation of 2D and 3D seismic data in numerous area of the Gulf of Mexico. Currently, John is a member of BP Amoco's Gulf of Mexico Deepwater Exploration Team.

## Second Place Best Paper Award

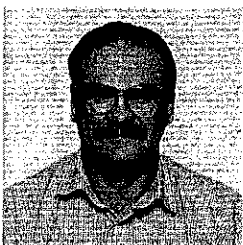
**David S. Fugitt, Charles E. Stelting, William J. Schweller, James E. Florstedt,  
Gary J. Herricks, Michael R. Wise**

*Production Characteristics of Sheet and Channelized Turbidite Reservoirs,  
Garden Banks 191, Gulf of Mexico, USA*



David Fugitt is currently a staff geologist with Chevron in Lafayette, Louisiana. He joined Chevron in New Orleans in 1978 where worked both exploration and geophysical assignments in the Gulf Coast. In 1985 he moved to Lafayette where he has worked in field development and near field exploration. His cur-

rent work involves building integrated subsurface and reservoir models for field development. David received a B.S. in geology from the Ohio State University in 1976, and an M.S. in geology from Texas A&M University in 1978. He is a member of the AAPG, the Lafayette Geological Society, the New Orleans Geological Society, and the SPWLA.



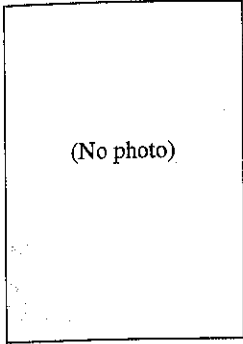
Charles E. Stelting is a research geologist in the Reservoir Geology team at Chevron Petroleum Technology Company (New Orleans, LA). He received his B.S. in geology from Texas A&M University - Kingsville in 1980 and his M.S. in geology from University of California -

Riverside in 1989. He worked as a technician and as a geologist at the U. S. Geological Survey - Office of Marine Geology (Corpus Christi, TX) from 1976 to 1982. He worked as a research geologist at Gulf Research & Development Company (Hamarville, PA and Houston, TX) from 1982 to 1985 and at Chevron Oil Field Research Company (La Habra, CA) from 1985 to 1990. From 1990 to 1998, he mainly worked as a regional stratigrapher at Chevron North America Exploration and Production Company (New Orleans, LA) in Gulf of Mexico deepwater and shelf properties, but he also began working on international

stratigraphic projects in 1994. In 1998, Charles resumed working as a research geologist at Chevron Petroleum Technology Company and has provided stratigraphic expertise on both domestic and international stratigraphic projects. He began teaching several of Chevron's deepwater and fluvial-dominated delta stratigraphy courses in 1991.

Chuck participated as a sedimentologist on Deep Sea Drilling Project (DSDP) Leg 96 on the Mississippi Fan in 1983. He has co-authored one volume: Fine-Grained Turbidite Systems (AAPG-SEPM); and has co-led several professional society field trips: modern coastal systems (GCAGS), deepwater reservoirs (AAPG), and fluvial to deepwater reservoir stratigraphy (New Orleans Geological Society). He has co-authored more than 40 papers.

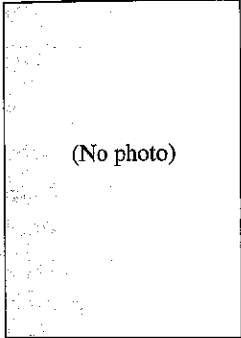
Chuck's research interests are concentrated on deepwater depositional systems and include transportation-depositional processes, reservoir characterization, and applied sequence stratigraphy.



William J. Schweller is a senior staff research scientist at Chevron Petroleum Technology Company in San Ramon, California. Will received his B.S. in geology from Pennsylvania State University in 1973, his M.S. in geologic oceanography from Oregon State University, and his Ph.D. from Cornell University in 1982. He began studying turbidites for his M.S. and continued this research

at Oregon State University as a postgraduate researcher from 1976 to 1978. He worked as a research geologist at Gulf Research & Development Company (Hamarville, PA and Houston, TX) from 1982 to 1985, at Chevron Oil Field Research Company (La Habra, CA) from 1985 to

1991, and at Chevron Petroleum Technology Company (La Habra, CA and San Ramon, CA) from 1991 to present. In addition to studies of turbidite systems around the world, Will has also worked on marine source rock systems and shallow marine clastic reservoirs in several regions. He has taught courses for Chevron in seismic stratigraphy, turbidite reservoirs, core and borehole image interpretation, and related topics, and has led numerous field trips and field-related workshops. Will was an instructor in the AAPG Sedimentation and Tectonics School for several years and was a visiting research scientist at the Massachusetts Institute of Technology during 1998. He has co-authored more than 30 published papers. His current research interests are in turbidite depositional systems, the dynamics of different types of sediment gravity flows, and in predicting the reservoir architecture and production performance of deepwater clastic reservoirs.

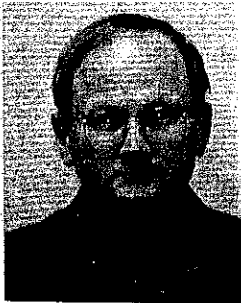


Jim Florstedt worked for 30 years as a geologist for Exxon, Tenneco, and Chevron. He is now retired and living in Lafayette.

Gary Herricks has worked predominantly in the area of reservoir engineering during his twenty years of industry experience. He received his Bachelor's degree in Petroleum Engineering from Texas Tech University in

1979. Gary started with Tenneco Oil company in the Rocky Mountain region where he was involved in several secondary and tertiary recovery projects. His last fifteen years have been spent working reservoir engineering issues in the Gulf of Mexico.

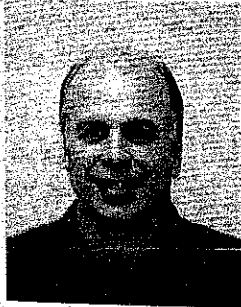
Gary has been with Chevron since 1989. With Chevron he has worked in various capacities including Senior Reservoir Engineer, Garden Banks 191 Project Communication Coordinator, Petroleum Engineering Information Technology Coordinator, and most recently as Reservoir Engineering Advisor.



Michael R. Wise is a senior petroleum engineer with Chevron U.S.A. Inc. and is currently working in the Gulf of Mexico Business Unit of the North American E&P Company. Wise has almost 22 years of combined experience with Gulf and Chevron and has worked in both the

Gulf of Mexico and the Permian Basin regions, primarily in production and reservoir engineering assignments. He holds a B.S. in Petroleum Engineering (1978) from Louisiana Tech University. He is a registered Petroleum Engineer in the State of Louisiana and a member of the Society of Petroleum Engineers.

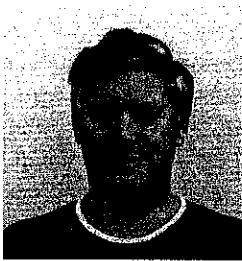
Gary J. Herricks



## Third Place Best Paper Award

**Hugh J. Mitchell-Tapping, Joël Bellucci, Graham Woody, and Thomas J. Lee**

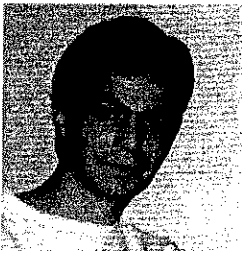
*Mud Hole: A Unique Warm-Water Submarine Spring Located Offshore Southwestern Florida*



Hugh J. Mitchell-Tapping obtained a B.A. (cum laude) from the University of the Virgin Islands in 1974 and a M.S. (1976) and Ph.D. (1978) in geology from Florida State University, USVI. Hugh joined Amoco in New Orleans, LA. In 1981 Hugh moved to Sun Exploration

in Las Colinas, TX working in Gulf Coast exploration and subsequently as Manager of Geoscience in Sun Research. In 1983, he was appointed Exploration Manager for Sun Orient in Zhanjiang, Peoples Republic of China, and, upon his return to the USA in 1986, he worked

for Sun International Exploration in Dallas in both the South America, Far East, and Africa divisions. In 1988, he joined Hunt Oil in international exploration. After a pedestrian/auto accident in November 1991 which left him and his wife disabled, Hugh became Director of Consumptive Use Water Permitting for St. John's River Water Management in Palatka, FL in 1992. In 1994, he moved to Fort Myers where he has worked as a hydrogeologist for an engineering company, and now as an adjunct professor of geology at ECC and Florida Gulf Coast University and as Baywatch Director for Estero Bay Marine Laboratory. Hugh has more than 80 professional publications, is licensed as a Professional Geologist in the State of Florida, and holds a SCUBA Instructor license.



Joël Bellucci was born and raised in northwestern New Jersey. He received his B.A. (1993) in English Literature (Mathematics minor) from Loyola College in Baltimore. He is currently pursuing a Ph.D. in Marine Science at the University of South

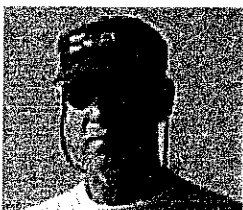
Florida. Between his undergraduate and graduate careers, Joël took on a variety of occupations including working as a teacher's aide at an elementary school, authoring websites and creating 3D computer art. He also commenced a photo-identification study of a Southwest Florida population of bottlenose dolphins and assisted in numerous other marine studies. Joel is a certified open-water diver.



Graham Edward Woody, a California native, graduated high school at 16, and, as a computer programmer, wrote sales and marketing applications software. At 19, with this skill and an Open Water Diving Certificate, he traveled the world as Boson/Electronics Officer on the H.M.S. *Navigator*, performing exploration charters throughout

the Red Sea and the Indian Ocean. Later, he contracted as a commercial and salvage diver for A.F.M. Diving in

Dubai, UAE, and for Wijsmuller Salvage throughout the Middle East. As Chief Electrician and Dive Officer aboard R/V *Heraclitus*, a training vessel for Biosphere 2, Graham collected baseline coral reef data off Belize. He then worked as Diver and Remote Operations Vehicle Technician for American Pacific Marine in Port Hueneme, California. After moving to Sanibel, Florida, to help with his family's sales and marketing business and also to study for an AA degree at ECC in Fort Myers, Graham returned to California in the autumn of 1998 in order to complete his undergraduate studies, but was involved in a paragliding accident that resulted in a nine-week coma that led to his death.



Thomas J. Lee received a B.S. in Professional Aeronautics in 1979 from Embry Riddle Aeronautical University, Daytona Beach, FL. From September, 1966 to July, 1987 Tom was in the United States Army serving as an Infantry Officer and Aviator in

numerous command, staff, and training positions throughout the world, including combat assignments in the Republic of Vietnam Army, and retiring as Lieutenant Colonel, Regular Army. Since that time, Tom has been a substitute teacher, the Executive Director of Ostego Bay Foundation, and now the President of the Estero Bay Marine Laboratory Inc. He is also a P.A.D.I. certified Advanced Open Water Diver, 1994.

# Past Recipients—Best Paper Awards

## Gulf Coast Section SEPM

	First Place	Second Place	Third Place
1998	Jiafu Qi Jack C. Pashin Richard H. Groshong, Jr.	Ralph A. Nolte D. Joe Benson	Antonio B. Rodriguez John B. Anderson John Bradford
1997	Jeffrey S. Hanor	Boashun Fu Paul Aharon	Paul N. Lawless Richard H. Fillon Rome G. Lytton III
1996	S. Q. Breard A. D. Callender, Jr. M. J. Nault	Harry H. Roberts	P. Hansley
1995	S. Q. Breard G. L. Stringer	R. A. McBride M. R. Byrnes	C. C. Smith
1994	M. D. Blum D. M. Price	R. A. Eustice L. S. Land	H. H. Roberts A. Bailey G. J. Kuecher
1993	R. L. Adams	S. Q. Breard A. D. Callender M. J. Nault	E. C. McDade R. Sassen L. M. Wenger G. A. Cole
1992*	E. G. Otvos W. E. Howat	D. W. Harrelson J. A. Saunders	W. T. Tanner
1980	A. W. Cleaves	I. L. Van Heerden H. H. Roberts	T. A. Hansen
1979	L. C. Price J. L. Clayton L. L. Rummen	C. W. Poag R. C. Tresslar	R. E. Casey L. W. Gust R. A. Reynolds D. H. Williams A. Levesley T. Duis J. M. Spaw
1978	A. Thomson	C. W. Poag	J. A. Schiebout
1977	C. D. Winker J. D. Howard	W. C. Isphording V. R. Baker	R. M. Looney
1976	C. J. Stuart C. A. Caughney	R. R. Berg R. R. Powell	C. W. Poag P. C. Valentine
1975	J. L. Wilson M. E. York	K. F. Wantland	W. C. Isphording
1974	G. M. Friedman	W. F. Tanner C. R. Berquist	R. J. Moiola D. Weiser A. B. Spencer
1973	W. F. Tanner	R. J. Moiola A. B. Spencer	P. A. Thayer (tie) W. J. Cleary E. O'Donnell (tie)
1972	W. F. Tanner	A. E. Weidie J. L. Wolleben E. F. McBride	A. P. Wright P. A. Thayer D. A. Textoris
1971	R. W. Maxwell, Jr.	C. W. Poag	E. A. Shinn
1970	W. W. Hay S. W. Wise, Jr. R. D. Stieglitz	J. B. Dunlap, Jr.	W. L. Fisher C. V. Proctor, Jr. W. E. Galloway J. S. Nagle

# Past Recipients—Best Paper Awards

## Gulf Coast Section SEPM

	Best Published Paper	Excellence of Presentation
1991	Brian E. Lock	Andrew J. Pulham
	Catherine E. Bishop	
1990	George C. Flowers	Jory A. Pacht
	Wayne C. Ispording	
1989	Ron Boyd	Harry H. Roberts
	John Suter	
	Shea Penland	
1988	Ron Boyd	Edward McFarlan, Jr.
	Shea Penland	
1987	Wayne Ispording	Rowdy Lemoine (tie)
	Dewayne Imsand	Earle McBride (tie)
	George Flowers	
1986	Douglas F. Williams	Robert R. Berg
	Dwight M. Trainor	
1985	Paul A. Thayer	Gordon W. Fielder
	Harry H. Roberts	
1984	M. J. Ulrich	M. Kontrovitz
	J. R. Kyle	
	P. E. Price	
1983	E. C. Kosters	D. B. Prior
	A. Bailey	
1982	J. Mazzullo	C. D. Winker
1981†	T. A. Daws	C. R. Handford
	A. V. Applegate	
	J. C. Palacas	

\*Before 1981 and since 1992, awards were given for first, second, and third place.

†Best Poster award to E. A. Mancini.

# Officers and Committees 50th Annual Convention, 2000

## Officers

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Jeff Lund

**Vice-President**

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Denise Stone

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**VICE CHAIRMEN**

Marvin Smith—Administration

Tim Brown—Technical Program

James L. Allen—Technical Program

**VICE CHAIRMAN—GCSSEPM**

Michael J. Nault

**ADVERTISING**

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**ALUMNI FUNCTIONS**

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**CONVENTION PUBLICITY**

Scott Sechrist

**DISTINGUISHED VISITORS**

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Robert J. Ardell

**EDITOR—GCAGS**

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Jerry Watson

**FIELD TRIPS**

John Meredith

Martin Oldani

Howard J. White

Paul W. Britt

Sharie Sartain

Andy Gambill

Frank Sobol

Richard Howe

John Turmelle

Kelly Latter

Ed Westergaard

Jennine Perrot

Dick Zingula

**HOUSING/INSURANCE**

Greg Gregson

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Mary Kae Dingle

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**JUDGING—GCAGS****Chris Whitten****JUDGING—GCSSEPM****Rashel Rosen****LUNCHEON****Mike Nault—GCSSEPM****Mike Arden**—All Convention &  
DPA,DEG,EMD**Chuck R. Noll**—All Convention &  
DPA,DEG,EMD

Jim Ambrose

**PRINTING****David M. Orchard**

Gail Bergan

Danielle Frost

Linda R. Sternbach

**SESSIONS CHAIRS****John Adamick****Sheila C. Barnette****Doug McGehee****Clint Moore****Dan Smith****Kurt M. Loeff****Richard S. Bishop****Robert Zamboras****Lewis Scott****Mark Hilliard****Robert Leiber****Kara Bennett****POSTERS****Gary Grinsfelder****REGISTRATION****Pat and John Hefner**

Paul W. Britt

Fred A. Ealand

Claudia Ludwig

Ken Mallon

Tom Mather

**SHORT COURSES****Jeannie Fisher Mallick**

Matt Boyd

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Robert Goldstein

Karen Lanning

Kathryn Hardy

Bonnie Milne

Cindy Harris

Al Poprik

Kathleen Horkowitz

Andrew R. Scott

**SPORTING EVENTS****William F. Howell**

Cy Strong—Golf

Jeff Morris—Golf

Mike Walker—Tennis

Tom McCarroll—Skeet Shoot

**SPOUSE ACTIVITIES****Kathryn Bennett****Gwinn Lewis**

Margery Ambrose—Hospitality Room

Janet Steinmetz—Hospitality Room

Hellen Hutchison—Tours

Adrian Lewis—Gifts

**STUDENT PROGRAM****William R. Dupre****TOBIN THEATER****William K. Matthews III****TRANSPORTATION****James B. Bennett**

Kathryn Bennett

In the above table, names listed in **bold** denote committee chairmen; names in plain text denote committee members. Please extend your appreciation to all these people for the time and effort they contributed toward putting on this convention!

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## Gulf Coast Association of Geological Societies

### 2000–2001

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Vice President .....	Peter R. Rose
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Austin Geological Society .....	Robert H. Blodgett
Baton Rouge Geological Society .....	Oscar Huh
Corpus Christi Geological Society .....	Scott Wruck
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Houston Geological Society .....	Charles Sternbach
Lafayette Geological Society .....	Robert Brekke
Mississippi Geological Society .....	Stanley King
New Orleans Geological Society .....	Eugene R. Brumbaugh
Shreveport Geological Society .....	Scott Stroud
South Texas Geological Society .....	Robert (Bob) Scott
Southeastern Geological Society .....	“Wink” Winkler

# Officers of Member Societies

## Gulf Coast Association of Geological Societies

**June 2000**

**Alabama Geological Society, P.O. Box 866184, Tuscaloosa, Alabama 35486**

President ..... Charles Smith  
 Vice President ..... T.E. Bruner  
 Secretary ..... Lawrence J. Rhearns  
 Treasurer ..... Lewis S. Dean

**Austin Geological Society, P.O. Box 1302, Austin, Texas 78767**

President ..... Robert H. Blodgett  
 President Elect ..... Nico Hauwert  
 Vice President ..... Ronald Johns  
 Secretary ..... Heather Beatty  
 Treasurer ..... Robert Mace

**Baton Rouge Geological Society, Inc., P.O. Box 19151, University Station, Baton Rouge, Louisiana 70893**

President ..... Oscar Huh  
 Vice President/President Elect ..... Steve Whitting  
 Secretary ..... Dru Trahan  
 Treasurer ..... Bradford Hanson

**Corpus Christi Geological Society, P.O. Box 1068, Corpus Christi, Texas 78403**

President ..... Alan Costello  
 President Elect ..... Tom Davidson  
 Vice President ..... Dan Neuberger  
 Secretary ..... John Carnes  
 Treasurer ..... Tom Jones

**East Texas Geological Society, P.O. Box 216, Tyler, Texas 75710**

President ..... Johnnie Wanger  
 Vice President ..... Mark Gallagher  
 Secretary ..... Bob Hulse  
 Treasurer ..... Phil Clymer

**Houston Geological Society, 7457 Harwin, Suite 301, Houston, Texas 77036**

President ..... Craig Moore  
 President Elect ..... Paul Hoffman  
 Vice President ..... Denise Stone  
 Secretary ..... Greg Gregson  
 Treasurer ..... Bill Osten

**Lafayette Geological Society, P.O. Box 51896, Lafayette, Louisiana 70505**

President ..... Danny Frederick  
 President Elect ..... Mike Cox  
 Vice President ..... Rusty Blackburn  
 Secretary ..... Mary Broussard  
 Treasurer ..... John Sweezy

**Mississippi Geological Society, P.O. Box 422, Jackson, Mississippi 39205**

President ..... John Marble  
First Vice President..... Andrew Silte  
Second Vice President ..... Lawrence Baria  
Secretary..... Lars Johnson  
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**New Orleans Geological Society, Suite 932, 234 Loyola Building, New Orleans, Louisiana 70112**

President ..... Eugene R. Brumbaugh  
President Elect..... Michael M. Ledet  
Vice President..... Deborah A. DeBram  
Secretary..... Tracey P. Edwards  
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**Shreveport Geological Society, P.O. Box 750, Shreveport, Louisiana 71162**

President ..... Scott D. Stroud  
First Vice President..... Glen E. Kelley  
Second Vice President ..... Gary S. Abrams  
Secretary..... Dan G. Scurlock  
Treasurer..... Gregory J. Zerrahn

**South Texas Geological Society, D-100 Petroleum Center, San Antonio, Texas 78209**

President ..... Robert (Bob) Scott  
President Elect..... Mark Norville  
Vice President..... Stewart Chuber  
Secretary..... John Waugh  
Treasurer..... Dena Schmidt

**Southeastern Geological Society, P.O. Box 1634, Tallahassee, Florida 32302**

President ..... Mark V. Hurst  
Vice President..... Kirk S. Davis  
Secretary/Treasurer..... Cliff Harrison  
Membership Secretary..... Bruce Rogers

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# Standing Committees

## Gulf Coast Association of Geological Societies

June 2000

### AAPG Advisory

Clint Moore  
E. Gerald Rolf

### Awards and Nominations

Fred H. Marshall, Chairman  
Brian E. Lock  
Bob Travis  
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E. Gerald Rolf

### Convention

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Tim Rynott  
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Gloria Sprague  
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Howard W. Kiatta, Chairman  
Don R. Boyd  
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Marvin L. Smith

### Student Grant Committee

Bonnie R. Weise, Chairman  
Michael J. Roberts  
Charles C. Smith

### Historian

David E. Pope

### Long-Range Planning

Peter G. Gray, Chairman  
Brian E. Lock  
Bob Travis  
Mark J. Gallagher  
E. Gerald Rolf

### Publications

Robert E. Boyer, Chairman  
David B. Bieler  
Edward C. Roy, Jr.  
William C. Ward  
E. G. (Jerry) Wermund

# 1999-2000 Student Grants

## Gulf Coast Association of Geological Societies

During 2000, the GCAGS Student Grant Committee received applications for research grants from graduate geology students in 16 universities. The Committee, consisting of Bonnie R. Weise (Chairman), Michael J. Roberts, and Charles C. Smith, reviewed research proposals from the students and made recommendations for awards. The recommendations were approved by the Board of Directors at the GCAGS mid-year meeting in March, and a total of \$18,000 was granted to the awardees. The student grant recipients are listed below.

Ricardo Combellas  
J. Ashley J. Cordi  
Anton J. DuMars  
Carmen M. Fraticelli  
James Funderburk  
Stan Galicki  
Andre C. Klein  
Alexei V. Milkov  
Timothy W. Miller  
Kerri Nawrocki  
Danny J. Nichols  
William C. Parcell  
George E. Phillips  
Recep H. Sancay  
Ricky A. Schaeffer  
Dennis A. Sylvia  
El Shayeb A. Tarek  
Penny M. Taylor  
Larry Abel Valle  
Melany Winchell  
Xinxia Wu  
Kevin M. Yeager

The University of Texas at Austin  
The University of Southern Mississippi  
Louisiana State University  
Rice University  
University of South Florida  
The University of Mississippi  
Rice University  
Texas A&M University  
The University of Louisiana at Monroe  
University of South Florida  
Stephen F. Austin University  
The University of Alabama  
North Carolina State University  
Texas A&M University  
Auburn University  
The University of Texas at Austin  
The University of Texas at Austin  
University of Houston  
The University of Louisiana at Lafayette  
Florida Atlantic University  
The University of Texas at Austin  
Texas A&M University

# Past Officers and Convention Chairmen

## Gulf Coast Association of Geological Societies

	Host City	President	Vice-President	Secretary	Treasurer	Convention Chairman
1951	New Orleans	L. Bowling	T. H. Philpott		E. M. Baysinger	
1952	Corpus Christi	W. M. Chaddick, Jr.	W. A. Gorman		T. D. Barber	
1953	Shreveport	R. T. Wade	D. D. Utterback	J. S. Spencer	K. Carter	W. J. Nugent
1954	Houston	W. R. Canada	W. H. Knight	W. A. Peterson	E. W. Kimball	
1955	Biloxi	A. E. Blanton	L. D. Traupe	F. H. Webster	C. C. Barber	R. D. Sprague
1956	San Antonio	R. L. Layden	M. W. Beckman	C. W. Holcomb	A. F. Scott	G. J. Joyce
1957	New Orleans	H. N. Hickey	P. Montgomery	R. A. Davis	K. C. Anderson	T. H. Philpott
1958	Corpus Christi	E. A. Lohse	R. W. Grayson	E. T. Musselman	W. H. Wallace, Jr.	R. C. Wilshusen
1959	Houston	G. C. Hardin, Jr.	L. Harvey	J. F. Moss	J. A. Wheeler	O. G. Bell
1960	Biloxi	M. F. Kirby	D. N. Osburn	W. W. Woolfolk	E. G. Jeffreys	A. E. Blanton
1961	San Antonio	D. Dasso	E. P. Roth	A. W. Wood	E. L. Ames	L. L. Palmer
1962	New Orleans	T. H. Philpott	J. C. Byrd	H. O. Woodbury	K. Soule	L. H. Meltzer
1963	Shreveport	J. C. Byrd	E. Knott	W. E. Bancroft	R. E. Rogers	R. E. Meltzer
1964	Corpus Christi	K. Knott	R. E. Fairchild	R. W. Luker	D. A. Pedrotti	B. F. Dyer
1965	Houston	R. E. Fairchild	A. M. Borland	K. C. Harkins, Jr.	J. L. George, Jr.	E. A. Lohse
1966	Lafayette	A. M. Borland	J. H. Hensley	W. A. Robbins, Jr.	J. S. Schoelen	R. R. Copeland
1967	San Antonio	W. L. Stapp	M. D. Horton	M. L. Frazier, Sr.	L. C. Bryant	M. O. Turner
1968	Jackson	M. D. Horton	R. O. Vernon	L. G. Hughes	E. D. Minihan	L. E. Warren
1969	Miami	R. O. Vernon	H. J. Tyler	J. W. Yon, Jr.	C. W. Hendry, Jr.	H. S. Puri
1970	Shreveport	H. J. Tyler	L. H. Meltzer	C. E. Brown	B. C. Tucker	J. O. Goffe
1971	New Orleans	L. H. Meltzer	D. R. Boyd	M. L. Dwight	P. G. Gray	R. G. Williamson
1972	Corpus Christi	D. R. Boyd	F. M. Schall, Jr.	M. H. Oakes	J. E. Melton	J. M. Sides
1973	Houston	F. M. Schall, Jr.	S. J. Lysinger	M. E. Hole, Jr.	P. W. Cauthon, Jr.	C. E. Harrison
1974	Lafayette	S. J. Lysinger	W. H. Moore	T. J. Eby, Jr.	J. L. Bellamy	F. W. Harrison, Jr.
1975	Jackson	W. H. Moore	C. L. Sartor	W. E. Taylor	H. L. Ladner	C. H. Williams, Jr.
1976	Shreveport	C. L. Sartor	R. E. Boyer	J. T. Palmer	C. E. Brown	L. E. Jordan
1977	Austin	R. E. Boyer	P. G. Gray	A. E. Bell	F. L. Osborne, Jr.	E. G. Wermund, Jr.
1978	New Orleans	R. W. Stephens	E. C. Roy, Jr.	R. M. Swords	C. J. Corona	J. Braunstein
1979	San Antonio	E. C. Roy, Jr.	F. W. Harrison, Jr.	S. L. Perkins	L. C. Bryant	G. His
1980	Lafayette	F. W. Harrison, Jr.	P. M. Strunk	J. W. Shirley	R. A. Anderson	M. A. Munchrath
1981	Corpus Christi	P. M. Strunk	J. J. Amoruso	T. J. Wintermute	W. R. Payne	Wilson Humphrey
1982	Houston	J. J. Amoruso	S. C. Childress	C. G. Baird	C. A. Baird	J. O. Lewis
1983	Jackson	S. C. Childress	J. P. Palmer	S. A. Horton	P. D. Cate	J. C. Marble
1984	Shreveport	J. T. Palmer	E. G. Wermund	C. S. Cook	E. W. Saye	J. M. Forgotson, Jr.
1985	Austin	E. G. Wermund	D. E. Pope	R. Everett	D. C. Ratcliff	L. E. Garner
1986	Baton Rouge	D. E. Pope	R. H. Sams	B. D. David	F. E. Lindfors-Kearns	H. L. Roland
1987	San Antonio	R. H. Sams	J. A. Hartman	M. T. Tobin	T. Cooper	D. F. Tobin
1988	New Orleans	J. A. Hartman	W. R. Payne	R. W. Sabaté	J. E. Bailey	C. C. Baker
1989	Corpus Christi	W. R. Payne	P. G. Gray	B. E. Gaither	T. B. Henderson	G. M. Heinzelmann
1990	Lafayette	P. G. Gray	C. E. Harrison	H. Fielding	B. Smart	B. E. Lock
1991	Houston	C. E. Harrison	J. C. Marble	H. W. Kiatta	L. D. Bartell	D. L. Smith
						C. Noll
1992	Jackson	J. C. Marble	R. L. Williamson	W. Lester Aultman	Stanley King	S. C. Knox
1993	Shreveport	R. L. Williamson	W. L. Fisher	Mark Schroeder	B. R. White	O. R. Berg
						J. P. Wanger
1994	Austin	W. L. Fisher	W. E. Marsalis	S. P. Dutton	C. Condon	P. R. Rose
1995	Baton Rouge	W. E. Marsalis	E. Gerald Rolf	S. N. Breakfield	R. W. Jackson	D. E. Pope
1996	San Antonio	E. Gerald Rolf	Mark J. Gallagher	William P. Wilbert	Bill Layton	Thomas E. Ewing
1997	New Orleans	Mark J. Gallagher	Robert F. Travis	Eric C. Broadbridge	Gary W. Jacobs	John C. Langford
1998	Corpus Christi	Robert F. Travis	Brian E. Lock	Lawrence Hoover	Daniel Neuberger	Gloria Sprague
1999	Lafayette	Brian E. Lock	Jeff Lund	Jana DaSilva	Tim Doré	Tim Rynott
2000	Houston	Jeff Lund	O. Roger Berg	Denise Stone	Deborah Sacrey	Larry Bartell



# Past Officers

## Gulf Coast Section SEPM

	President	Vice-President	Secretary	Treasurer
1953-1954	Stuart A. Levinson	Grover E. Murray	William H. Akers	Frank V. Stevenson
1954-1955	Charles W. Stuckey, Jr.	E. H. Rainwater	William H. Akers	Fred L. Smith, Jr.
1955-1956	E. H. Rainwater	Frank S. Westmoreland	Hugh A. Bernard	Eleanor T. Caldwell
1956-1957	Lloyd M. Pyeatt	J. O. Colle	H. Dillingman, Jr.	Eleanor T. Caldwell
1957-1958	J. O. Colle	Fred L. Smith, Jr.	Harold V. Anderson	William G. Parker
1958-1959	Marcus A. Hanna	Claude M. Quigley	Fred E. Smith	Bernard L. Hill, Jr.
1959-1960	David E. Pope	A. D. Ellis, Jr.	Gordon C. Munsey	H. A. Chun
1960-1961	Claude M. Quigley	Harold V. Anderson	E. Ann Butler	Edward Marks
1961-1962	Harold V. Anderson	Theodore D. Cook	Benjamin J. Petrusek	Albert D. Warren
1962-1963	Albert D. Warren	Ernest H. Horton	Blair S. Parrott	Henry H. Phillips
1963-1964	Lyman D. Toulmin	E. Ann Butler	Charles C. Albers	John E. Kilgore
1964-1965	Howard L. Tipsword	Benjamin J. Petrusek	D. Jeter Smith	Emmett R. Adams
1965-1966	John B. Dunlap, Jr.	John J. W. Rogers	M. Ray Bane	Charles B. Morris
1966-1967	Hubert C. Skinner	Richard P. Zingula	Gene Ross Kellough	Gene B. Martin
1967-1968	Benjamin J. Petrusek	Dan McGregor	Garrett Briggs	Herbert A. Elliot, Jr.
1968-1969	William A. Atlee	Edgar B. O'Quinn	James W. Fowler	William E. Steinkraus
1969-1970	Fred L. Smith, Jr.	Kenneth L. Loep	Robert K. Sylvester	C. Wylie Poag, Jr.
1970-1971	Jules Braunstein	Douglas E. Jones	Walter H. Trenchard	Robert N. Davids
1971-1972	William W. Hay	William E. Steinkraus	Karl J. Koenig	Gerald R. Stude
1972-1973	C. Wylie Poag, Jr.	Emmett R. Adams	Gerald R. Stude	Joan B. Strough
1973-1974	Edward B. Picou, Jr.	Walter H. Trenchard	Lawrence C. Menconi	J. Lloyd Tuttle, Jr.
1974-1975	Emmett R. Adams	Clifton A. Couture	Herbert A. Elliott, Jr.	Doris M. Curtis
1975-1976	James L. Lamb	Lawrence C. Menconi	William S. Grubb	John L. Carney
1976-1977	Clifton A. Couture	Eleanor T. Caldwell	Sherwood W. Wise, Jr.	Joseph E. Boudreaux
1977-1978	Gerald R. Stude	William P. S. Ventress	Gary R. Roberson	George C. Esker, III
1978-1979	Willard P. Leutze	Bob F. Perkins	Walter P. Kessinger	Kenneth A. Hodgkinson
1979-1980	Gene B. Martin	John L. Carney	Mary Ann Rafie	Arthur S. Waterman
1980-1981	Bob F. Perkins	Don G. Bebout	Sheila C. Barnette	Ted Karmen
1981-1982	William P. S. Ventress	Kenneth A. Hodgkinson	Brian J. O'Neill	Kurt Geitzenauer
1982-1983	John L. Carney	Ernest A. Mancini	Susan J. Conger Morris	Kevin C. Kilmartin
1983-1984	Don G. Bebout	Michael J. Nault	Susan J. Conger Morris	Nelson B. Yoder
1984-1985	Ernest A. Mancini	J. M. Crosbie	John G. McPherson	John B. Anderson
1985-1986	Susan J. Conger Morris	Arthur S. Waterman	John G. McPherson	Richard E. Constans
1986-1987	Charles L. McNulty	Denise M. Butler	Kurt G. Geitzenauer	Sylvester Q. Breard, Jr.
1987-1988	Arthur S. Waterman	Brian J. O'Neill	Ramil C. Wright	Charles G. Rosato
1988-1989	Samuel P. Miano	Charles C. Smith	Richard H. Fillon	Bethanne Breisacher
1989-1990	Sheila C. Barnette	Michael J. Nault	Nancy Engelhardt-Moore	Michael W. Center
1990-1991	Denise M. Butler	Charles C. Smith	Nancy Engelhardt-Moore	Kurt Geitzenauer
1992	Michael J. Nault	Brian E. Lock	Mary (Missy) Jackson	Elaine H. Collison
1993	John M. Armentrout	David W. Ford	Mary (Missy) Jackson	Elaine H. Collison
1994	Nancy Engelhardt-Moore	Mary (Missy) Jackson	Michael J. Styzen	Elaine H. Collison
1995	Charles C. Smith	William C. Ward	Michael J. Styzen	Richard J. White
1996	Rashel N. Rosen	James O. Jones	R. P. Major	Richard J. White
1997	Paul Weimer	Sylvester Q. Breard	R. P. Major	Michael J. Styzen
1998	James O. Jones	Michael W. Center	Ron F. Waszczak	Michael J. Styzen
1999	R. P. (Rick) Major	Harry H. Roberts	Ron F. Waszczak	Norman C. Rosen

# Bylaws

## Gulf Coast Association of Geological Societies, Inc.

### Part A: Organization

#### ARTICLE I—Name

This is a non-profit organization and shall be known as the "Gulf Coast Association of Geological Societies, Inc." It is hereinafter referred to as "This Association."

#### ARTICLE II—Object

The object of This Association is to provide for discussion and publication of papers on subjects and problems coming within the scope of the Geological profession and with particular emphasis on Gulf Coast geology.

#### ARTICLE III—Organization

This Association is an organization of AAPG-affiliated Geological Societies in the Gulf Coast area.

##### Section 1.

The business of This Association shall be transacted by a Board of Directors composed of one representative from each member society and the President, Vice-President, Secretary, Treasurer, and Past President. The Vice-President, Secretary, and Treasurer shall be elected by the Board of Directors at the annual meeting. At the request of the Vice-President's society, however, the Secretary and Treasurer may be elected at a prior Board meeting but they will not take office until after the annual meeting. The Secretary and Treasurer shall be non-voting members of the Board of Directors. The Secretary and Treasurer shall be nominated by the Executive Committee of the local Geological Society next in line to host the annual meeting. The Vice-President shall be nominated by the Executive Committee of the host society for the annual meeting two years hence and shall accede to the Presidency. Thus each year the President, Secretary and Treasurer will be from the host society with the Vice-President providing continuity with the Board of Directors as he assumes the Presidency in the ensuing year. The duties of these officers shall be those customary to their respective offices.

The GCAGS representatives to the Advisory Council of the American Association of Petroleum Geologists (AAPG) shall be selected in accordance with the procedures as specified in the By Laws of AAPG, and otherwise as determined by the GCAGS Board of Directors. Such Representatives shall also serve as ex-officio, non-voting members of the GCAGS Board of Directors.

Each member society shall designate a representative to the Board of Directors and in the event the chosen representative cannot attend any given Board of Directors meeting, an alternate representative shall be appointed by the member society to attend and vote in the absence of the representative. The representative, when practicable, shall be an officer or past officer of the society he represents. Each society shall have one vote on actions taken by the Board of Directors with the exception that the host society, the next annual host society and the immediate past host society will be entitled to two votes by virtue of their members holding the offices of President, Vice-President and Past President.

The officers of the Board of Directors shall be elected for a term of one year. They shall be elected and assume their duties as soon after the annual meeting of This Association as is practicable, except as noted in Paragraph 1 with regard to the Secretary and Treasurer. Any vacancies shall be filled by the Board of Directors as provided above in Paragraph 1.

##### Section 2.

The business of This Association shall be conducted by the Board of Directors. A simple majority vote of the members present at meetings is required to effect decisions, except in those matters which require a greater majority, as set forth in these Bylaws.

A quorum shall consist of more than one-half of the voting members of the Board of Directors.

The Executive Committee composed of the President, Vice-President, Secretary, Treasurer, Past President, and Finance Committee Chairman shall have the authority to transact business of an emergency nature between meetings. Any business so transacted shall be subject to ratification by the Board of Directors at its next regularly scheduled meeting. A quorum of the Executive Committee shall be three members.

#### ARTICLE IV—Meetings

There shall be an annual meeting of This Association, the time and place of which shall be determined by the Board of Directors. Additional meetings may be called at the discretion of the Board of Directors.

#### **ARTICLE V—Publications**

There shall be an annual Transactions published by This Association, which shall contain papers presented at the annual meeting, and such other material as selected by the Board of Directors. The Board of Directors is authorized to have published additional bulletins, and other material which they feel will further the object of This Association.

#### **ARTICLE VI—Funds**

The funds of This Association shall be deposited in any federally insured bank or savings and loan association or in any fully insured account of a major securities firm selected by the Finance Committee, to the credit of this Association, or invested in U.S. Government Bonds at the discretion of the Finance Committee.

#### **ARTICLE VII—Amendments**

Amendments to this Part A and to the Articles of Incorporation may be proposed by the Board of Directors, or by any two member societies. Proposed amendments shall be submitted to each of the member societies in writing. It

shall require an affirmative vote of three-fourths of the member societies to ratify such an amendment.

#### **ARTICLE VIII—Later Affiliation**

Non-member Geological Societies in the Gulf Coast Area which are affiliated with AAPG may petition the Board of Directors for membership and shall be accepted by an affirmative vote of three-fourths of the Board of Directors.

#### **ARTICLE IX—Resignation**

Any member society may resign from This Association at any time by written notice to the Board of Directors. There shall be no obligation to transfer to such resigning society any portion of This Association's funds.

#### **ARTICLE X—Dissolution**

This Association shall terminate at such time as a majority of the member societies shall so vote. Upon dissolution all funds and other property shall be divided as mandated by the Articles of Incorporation.

### **Part B: Committees, Finances**

#### **ARTICLE I—Permanent Committees**

The President, with the approval of the Board of Directors, shall appoint the Annual Meeting Chairman, and the Publications Committee Chairman, appointments being for one year.

##### **Section 1. Annual Meeting Chairman**

The Annual Meeting Chairman shall direct the staging of the annual meeting, and shall have the authority to appoint such additional committees as he deems necessary.

##### **Section 2. Publications**

This committee shall be responsible for publishing all publications of This Association except the *Transactions* which fall under the purview of the Annual Meeting Chairman. Sales and storage of all GCAGS publications, including the *Transactions*, are the responsibility of this committee. The chairman shall provide annually to the Finance Committee an inventory of the GCAGS publications.

##### **Section 3.**

The President, with the approval of the Board of Directors, may appoint such additional committees as are necessary to conduct the business of This Association.

#### **ARTICLE II—Treasurer**

The Treasurer shall have the authority to issue checks against the Annual Meeting bank account of This Associa-

tion on his sole signature, but in the event of his absence or incapacity to act, withdrawals or payments by checks may be made on the signature of the President during the continuance of the absence, or incapacity, of the Treasurer. In this event, the identity and authority of the President, and the circumstances relating to the absence or incapacity of the Treasurer shall be certified by the Board of Directors, if so required by the depository. The Treasurer shall submit a financial report on the Annual Meeting at each meeting of the Board of Directors and shall keep a set of books in accordance with good accounting practices. He shall submit the books of the Annual Meeting to the Finance Committee by March 1st following the Annual Meeting. The office of Treasurer shall be bonded as directed by the Board of Directors.

#### **ARTICLE III—Finance Committee**

The Finance Committee shall be responsible for investing and managing the funds of This Association. They shall be responsible for advancing to the Treasurer the necessary funds for operating the Annual Meeting and shall disburse funds for expenses and projects not related to the Annual Meeting as directed by the President upon approval by the Board of Directors. The Committee shall have authority to invest the funds as outlined in Article VI of Part A hereof. They shall prepare a financial report on the Association's funds and submit it at each meeting of the Board of Directors. They shall also keep an inventory of publications and equipment owned by the Association. They will keep a set

of books in accordance with good accounting practices and will submit the books for auditing as requested by the Board of Directors. The Committee will oversee the preparation and submittal of the Association's Annual Income Tax Return. The Committee will also keep a file of these financial reports, as well as the report of the Treasurer for each Annual Meeting, for access by officers and representatives of the annual meetings for future years. The Committee shall consist of five members serving staggered three-year terms, such that each year one to three members will complete their terms and one to three new members will be appointed. The President of the Association, with the approval of the Board of Directors, shall appoint the

members of the Finance Committee and select its chairman. Members of the Finance Committee shall be bonded as directed by the Board of Directors. All checks of greater than \$1,000 shall be signed by two of the Finance Committee members.

#### **ARTICLE IV—Amendments**

This Part B may be amended by an affirmative vote of three-fourths of the Board of Directors.

#### **ARTICLE V—Dues**

There shall be no dues.

# Bylaws

## Gulf Coast Section

### Society of Economic Paleontologists and Mineralogists

#### ARTICLE 1. - OBJECT

1.01 The object of the Gulf Coast Section of the Society of Economic Paleontologists and Mineralogists is to promote the science of stratigraphy in the Gulf Coast states through research in paleontology and sedimentary petrology, especially as it relates to petroleum geology. The Corporation, herein referred to as the "Section," will be closely associated with the Gulf Coast Association of Geological Societies and will cooperate with it and with the local geological societies of which it is composed for the furtherance of mutual objectives.

#### ARTICLE 2. - MEMBERS

2.01 The Section shall have members, charter members, and honorary members.

2.02 Members shall be persons engaged in paleontologic, petrographic or stratigraphic studies that have application to the geology of petroleum and who work or reside in the Gulf Coast province of the states of Texas, Louisiana, Mississippi, Alabama, Georgia, or Florida, or whose interest or work is principally within these states. Membership, once obtained, shall not be dependent upon continued residence in the aforementioned states.

2.03 Charter members are those whose applications for membership were received before the first nomination of officers. They shall enjoy all the privileges of members, and, hereinafter, are included in all references to "members."

2.04 The Council may elect as honorary members persons who have contributed distinguished service to the science of stratigraphy, paleontology or sedimentary petrology, especially as they relate to petroleum geology in the Gulf Coast. Honorary members shall not be required to pay dues.

2.05 Each candidate for membership shall submit to the Section an application on a form authorized by the Council for this purpose.

2.06 New members enrolled after December 1 shall be considered as having paid their dues for the next calendar year.

#### ARTICLE 3. - COUNCIL AND OFFICERS

3.01 Executive authority of the Section is vested in a board of directors known as the "Council" consisting of six members who are duly elected by the members, as follows: President, President-Elect, Vice President, Secretary, Treasurer, and the most recently retired Past President.

3.02 The President shall discharge the usual duties of a president, as well as act as presiding officer at all meetings of the Section and Council.

3.03 The Vice President shall assume the duties of the President in the case of the absence or disability of the latter. The Vice President shall also be Chairman of the Membership Committee and as such shall keep a complete up-to-date list of members.

3.04 The Secretary shall keep the records of the proceedings of the Section and a complete list of the membership. The Secretary shall attend to the preparation and mailing of notices, membership application blanks and other materials necessary to the business of the Section.

3.05 The Treasurer shall have custody of all funds of the Section. The Treasurer shall keep account of the receipts and disbursements, and submit an accounting to the membership at the end of each year.

3.06 The Council shall have control and management of the affairs and funds of the Section.

3.07 The President and Vice President shall not serve for more than one (1) year, except that if the Vice President succeeds to the position of Acting President, the Acting President may be elected to a full term as President.

3.08 - In the event that neither the President nor Vice President is available to serve as presiding officer of the Section, the immediate Past President shall assume the President's duties.

3.09 The President-Elect shall serve for one (1) year as such, and in the following year the President-Elect shall assume the office of President. The President-Elect shall have not administrative authority except as a member of the Council. The President Elect shall acquaint himself

with all the details of the office of President and generally prepare himself to serve as President. The President Elect shall be responsible for the preparation of the annual meeting for the ensuing year.

3.10 A vacancy occurring in the offices of Vice President, Secretary or Treasurer shall be filled by Council appointment.

3.11 A vacancy occurring in the office of President-Elect shall be filled by mail ballot by the membership through a special election called by the Council.

3.12 The Secretary and Treasurer shall serve for a term of two (2) years. These offices shall be renewable through election.

#### **ARTICLE 4. - MEETINGS OF MEMBERS**

4.01 The Section shall hold at least one stated meeting each year, which shall be known as the Annual Meeting. This meeting will usually be held in conjunction with the Annual Meeting, of the Gulf Coast Association of Geological Societies.

4.02 The program for the Annual Meeting shall be arranged by the Section Program Chairman in cooperation with the Gulf Coast Association of Geological Societies (GCAGS) designated Program Chairman. All Section concerns regarding the Annual Meeting shall be coordinated by the Section designated GCSSEPM Vice-Chairman. The Section designated GCSSEPM Editor shall coordinate with the GCAGS Editor on the editing and publication of the Annual Meeting proceedings known as the GCAGS Transactions. The Section designated Judging and Awards Chairman shall coordinate all Section Awards at the Annual Meeting.

4.03 At the time of the Annual Meeting, a Business Meeting may be held for the transaction of Section business.

#### **ARTICLE 5. - AMENDMENT OF BYLAWS**

5.01 These Bylaws may be amended by two-thirds vote of returned mail ballots received by the Secretary sixty (60) days after proposal of amendments with provision for vote is mailed to the members. Any proposed amendments must have the approval of a majority of the Council before being submitted to the members.

5.02 A petition containing the signatures of twenty (20) active members is considered sufficient to bring before the Council a proposed change in the Bylaws. A majority vote of Council is also considered sufficient to initiate a proposed change.

#### **ARTICLE 6. - DUES**

6.01 The fiscal year of the Section shall commence on January 1 and end on December 31.

6.02 The annual dues of the members shall be ten dollars (\$10.00).

6.03 A bill for dues shall be mailed by the Vice President, as Chairman of the Membership Committee, to all delinquent members by March 31 of each year. Members who have not paid by June 1 shall be dropped from the membership roles.

6.04 Members dropped for non-payments of dues may be reinstated following their payment of all delinquent dues.

6.05 Members may, at their discretion, pay their annual dues for periods of up to five (5) years at the rate of forty dollars (\$40.00) for the five (5) year period.

#### **ARTICLE 7. - FINANCIAL PROCEDURE**

7.01 No officer or member shall enter into contract or disburse any of the Section's funds, without the co-signature of a member of the Council. Disbursal of a sum in excess of Five Hundred Dollars (\$500.00) must be approved by a majority of the Council.

#### **ARTICLE 8. - ELECTIONS**

8.01 The President shall appoint one (1) nominating committee, instructing the committee to submit nominations for President-Elect, Vice President, and Secretary or Treasurer. These nominations shall be in the Secretary's hands before April 15. A candidate for office must be a member of the Section.

8.02 Ballots containing the nominations for officers shall be prepared by the Secretary and mailed to each member of the Section on or before July 15. The ballots received by the Secretary before September 15 shall be counted by him. Receipt of a plurality of the votes cast for any office shall constitute election. In case of a tie vote, members of the current Council shall cast one additional deciding vote.

8.03 Results of balloting shall be announced at the Annual Meeting each October and the new officers shall enter upon duty on January 1 of the next calendar year.

#### **ARTICLE 9. - BUSINESS REPRESENTATIVES**

9.1 The Secretary shall appoint one representative from each group of members in each local geological society affiliated with the Gulf Coast Association of Geological Societies and in other localities as needed. Each representative shall have an up-to-date list of the members residing in the representative's vicinity. The Secretary will notify

these members concerning any matter of Section policy which may be relayed to him by the President and shall have the authority to convene a meeting of those members to determine their views concerning Section affairs. The representative will report the results of such meetings to the President of the Section. The representative will cooperate with the Section Editor in the soliciting of papers to be presented at the Annual Meeting and with the Chairman of the Membership Committee in recruiting new members for the Section.

#### **ARTICLE 10. - AUDIT**

10.01 The President shall appoint an Auditing Committee which shall review the accounts presented by the Treas-

urer. The approval of the Treasurer's books by the committee shall be required before the final report will be accepted.

The Constitution of the GCSSEPM was originally adopted in 1954 and was amended in 1960, 1962, 1966, 1969, 1971, 1972, 1974, and 1981. The Section was incorporated under the laws of the State of Texas in 1981, and these Bylaws were adopted at that time in place of the original Constitution and its amendments. They were amended in 1984, 1990, 1991, 1996, and 1997. These Bylaws embody all of the provisions of the original Constitution and its amendments.

# Historical Notes on the GCAGS and 2000 Update

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## Abstract

The idea for the Gulf Coast Association of Geological Societies was conceived in an informal meeting in Baton Rouge, Louisiana, May 12, 1950. The meeting was attended by seven Louisiana geologists, who would later be named our "Founding Fathers." The first Annual Meeting was held in New Orleans in November, 1951 at the Roosevelt Hotel (now the Fairmont), with seven member societies participating, and an estimated attendance of 600-800. In 1967 GCAGS became affiliated with AAPG, and since that date the annual meetings have been designated as Gulf Coast Section meetings of AAPG. By 1980, member societies had grown to twelve.

The GCAGS is governed by its Board of Directors. Voting members are the President (from the convention host society), the Vice President (from the next host society), the immediate Past President, and one delegate from each member society. Several advisory committees have been established to assist the Board in its functions. These committees are: Finance (established 1977), Long-range Planning (1977), Student Grant (1977), Publications (made permanent, 1978), Awards and Nominations (1981), Convention (1994), and Transactions CD-ROM (1998). In addition, the GCAGS has had a representative to the AAPG Advisory Council since 1971, two since 1999. In 1983 a Historian was appointed, and since 1989 there has been an Executive Secretary.

Significant new developments since the publication of the History of GCAGS in the 1991 Transactions include: (1) establishment of the Convention Committee (1994) to assist the host societies with their conventions, (2) election of two representatives to the AAPG Advisory Council (2000) to replace the one appointed by the GCAGS Board of Directors, and (3) progressing efforts to have the Transactions volumes placed on CD-ROM, and in 2000, Houston's decision to make the CD-ROM for volume 50 the primary vehicle of publication with a bound hard copy available on request.

## Introduction

This report constitutes an overview of the founding of GCAGS, an outline form of the Association's general development, the sequence of participation in GCAGS by its member societies, a summarized overview of the standing committees and other advisory entities, and significant changes since the first history of GCAGS (Pope 1991) was published. A more detailed history similar to the 1991 edition is planned for the 2001 *Transactions*.

## In the Beginning

On May 12, 1950 there was a joint afternoon meeting of the New Orleans Geological Society and the South Louisiana Geological Society in the auditorium of the Geology Building at Louisiana State University. It was attended by several members of both societies, one from Shreveport, and virtually the entire LSU School of Geology (faculty, staff, and students), headed by Dr. H. V. Howe.

That same evening, seven geologists, two from Lake Charles, (Philip R. Allin and W.B. Neill), one from Lafayette, (F.B. Stein), three from New Orleans, (Leslie Bowling, A. P. Claudet, and D.D. Utterback), and one from Shreveport (Thomas H. Philpott) convened at a local lounge for a few cool ones. They unanimously proclaimed the joint meeting of that afternoon a resounding success, and discussed holding future joint meetings each year, to include Shreveport. Then the subject moved to a possible Louisiana section of the American Association of Petroleum Geologists. Most felt that AAPG would not accept the Louisiana societies because of their very diverse membership at that time. In those early days of the burgeoning Gulf Coast petroleum industry, the local societies included many professionals in the oil patch who were not geologists, because they wished to participate and had no where else to do so.

The subject then shifted to the last of the four original Gulf Coast regional AAPG meetings, held in Biloxi, Mississippi, in 1949. Three previous regional meetings had been held in Biloxi (1946), San Antonio (1947), and Houston (1948). The 1949 meeting was hosted by the New Orleans Geological Society and held under AAPG rules of



procedure. It was not deemed to be satisfactory for several reasons. As a more suitable design, the idea of an "Association of the Southern Geological Societies" was conceived at this informal meeting in Baton Rouge on May 12, 1950. By the time of the first annual meeting in November, 1951, the name had evolved to the "Gulf Coast Association of Geological Societies." The minutes of the May 12<sup>th</sup> meeting were recorded by A. P. Claudet and transcribed in a memorandum addressed to Leslie Bowling, dated May 16, 1950. The three-page memo was printed in the 1980 *Transactions* as a part of the Dedication of that volume to the Seven Founding Fathers of the GCAGS.

Bowling (1967) listed seven reasons for the need of the organization: (1) an annual meeting (with rotating host societies), (2) a rapid means of publication (full papers available at the annual meeting), (3) a less rigid editorial policy, so that all opinions could be heard, (4) less stringent membership requirements, (5) communication with all facets of the industry, (6) more flexible policies with respect to convention management, and (7) an organization free of politics (in order to help expedite this provision, it was agreed that each member society would have one vote, regardless of the size of the society).

These seven criteria have been our guidelines since the inception of GCAGS. They were designed to produce a regional meeting more in keeping with the needs of the Gulf Coast geologists, and not intended to interfere with or infringe upon, in any way, any facet of the AAPG. Some of the member societies were much more insistent than others for the GCAGS to become affiliated with the AAPG. Although there was a persistent effort almost from the beginning toward that end, it was not until 1967 that the goal was reached. Since that time the annual GCAGS-GCSSEPM meetings have been designated as Gulf Coast Section meetings of AAPG.

Most of this part of the report is based on notes sent to me by Phil Allin (2000), one of our seven Founding Fathers. His complete narrative is planned for publication in the proposed 2001 history of GCAGS.

## Important Dates

### General

Here are some of the more important dates in the GCAGS development, beginning with the conception of the idea for a Gulf Coast Association of Geological Societies (originally, the "Association of Southern Geological Societies"). It should be noted that the GCAGS as a section of AAPG is unique in that we are an association of local societies rather than individual members of the section, as is the case in all other instances.

- May 12, 1950—The concept of an association of Gulf Coast geological societies evolved at a conference, in Baton Rouge attended by our seven Founding Fathers, representing New Orleans, South Louisiana, and Shreveport.
- December 1, 1950—The letter of proposal was sent to nine Gulf Coast societies for their consideration.
- March 14, 1951—Representatives of eight local societies met in Houston to formalize the concept, and agreed to submit the design to their respective societies for consideration and adoption.
- May 15, 1951—Representatives of seven of the societies again met in Houston, and adopted the resolutions previously considered. This date is thus the BIRTHDAY of the GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES. The original member societies were: Corpus Christi, East Texas, Houston, Mississippi, New Orleans, Shreveport, and South Louisiana (now Lafayette). Leslie Bowling was the first Steering Committee Chairman.
- November 15-17, 1951—The first Annual Meeting of the GCAGS was held at the Roosevelt Hotel (now the Fairmont) in New Orleans with an estimated 600 to 800 delegates and spouses in attendance, with the seven societies listed above participating.
- January 7, 1952—The GCAGS petitioned AAPG for affiliation as a section of the AAPG, following strenuous urging of the Houston society.
- February 16, 1953—The GCAGS Steering Committee approved and forwarded its proposed constitution to the AAPG. Subsequently, the AAPG suggested revised format was rejected by the majority of GCAGS member societies.
- August 23, 1954—The constitution, as formerly submitted to AAPG, was formally adopted by GCAGS. In accordance, the Association then elected officers to form its Executive Committee. Formerly the governing body was the Steering Committee, headed by its Chairman. The first officially designated President was W. R. Canada of Houston.
- October, 1954—The Gulf Coast Section of SEPM (founded in 1953) participated in the Annual Meeting, as an equal partner. The GCSSEPM has continued to participate each year, making major contributions to the technical programs and field trips. The GCSSEPM also has their own highly successful Annual Bob F. Perkins Research Conference since 1980, usually held in early December in Houston.
- October, 1957—The GCAGS extended an invitation to AAPG to hold a meeting of its Executive Committee in New Orleans and designate the annual GCAGS meet-

ing as a regional meeting of AAPG. For unknown reasons this invitation was not accepted.

- March 2, 1967—At the GCAGS (midyear) Executive Committee meeting in San Antonio, the AAPG presented a resolution that had been adopted by the AAPG Executive Committee on February 10, 1967, formally inviting the Association to become a section of AAPG. The resolution specifically stated that: (1) both parties shall retain and maintain complete autonomy..., and (2) either association may withdraw from the relationship upon 30 days written notice.
- July 10, 1967—AAPG was officially advised of the acceptance of the above cited invitation.
- 1971—GCAGS Representative to the AAPG Advisory Council established.
- October 28, 1977—GCAGS established the following standing committees: (1) Finance, (2) Financial Aid to Students (now Student Grant Committee), and (3) Long Range Planning Committee.
- 1978—Publication Committee permanently established.
- 1980—*Earth Enterprises* established to handle sale of publications of GCAGS, GCSSEPM, and local societies.
- October 23, 1981—Awards and Nominations Committee established.
- October 28, 1983—Historian appointed.
- April 1986—The GCAGS was incorporated in Baton Rouge, as a requirement to secure liability insurance for the annual convention.
- April 1988—The GCAGS Constitution was changed to Bylaws, in keeping with our incorporation requirements. Our former Executive Committee thus became our Board of Directors.
- January 1, 1989—Mrs. Birdina Schroeder became our first Executive Secretary. Although offered a stipend, she graciously chooses to serve without compensation for her services.
- April, 1994—The Convention Committee was added to the previously operating standing committees (Awards and Nominations, Finance, Long-range Planning, Publications, Student Aid, Historian, and Representative to the AAPG Advisory Council).
- 1998—Liaison Committee to Data Pages to capture *Transactions* was established on CD-ROM.
- 1999—The AAPG House of Delegates approved a change in the bylaws that allows the GCAGS two representatives to the AAPG Advisory Council, rather than the previous single representative.

- March 31, 2000—Houston Convention Committee announces that the CD-ROM will be the primary vehicle for publishing the *Transactions* with a printed copy to be made available upon request.

### Member Societies Chronology

The GCAGS began operation at its annual meeting in 1951 with seven societies:

- Corpus Christi
- East Texas
- Houston
- Mississippi
- New Orleans
- Shreveport
- South Louisiana (now Lafayette)

In 1952 Baton Rouge was added—total 8.

In 1953 South Texas and Tallahassee (now Southeastern) were added—total 10.

In 1956 Beaumont was added—total 11.

In 1959 Baton Rouge was lost—total 10.

In 1967 Alabama was added—total 11.

In 1971 Beaumont was lost—total 10.

In 1974 Austin was added—total 11.

In 1980 Baton Rouge was added—total 12.

### Convention Chronology

For the first fifteen years, beginning in 1951, the annual conventions were rotated among five member societies: New Orleans, Corpus Christi, Shreveport, Houston, and Mississippi (at Biloxi). In 1966, Lafayette entered the rotation, and in 1967, the Southwestern Geological Society (San Antonio) followed. In 1968 the Mississippi society held their first of four conventions in Jackson. Austin entered the rotation in 1977, and Baton Rouge was added in 1986.

Since the final Mississippi convention in Jackson in 1992, the annual meetings have rotated among eight cities: Shreveport, Austin, Baton Rouge, San Antonio, New Orleans, Corpus Christi, Lafayette, and Houston.

The Alabama society has never hosted an annual convention, due to lack of suitable convention and hotel accommodations. The same is true of the East Texas Society (Tyler), although they offer assistance when Shreveport hosts the annual meeting. The Southeastern Society hosted one convention in Miami, Florida, in 1969.

Attendance at the annual conventions have ranged from the 600 to 800 in 1951 to over 2800 in Houston in 1982. Most of the meetings have been financial successes, and all of them have been highly successful in our technical endeavors.

## Governance

### General

The GCAGS was originally governed by its Steering Committee. Each participating society had one representative. The chairman was elected from these representatives, always coming from the city hosting the annual meeting. The other (non-voting) members were the Vice Chairman, Secretary, and Treasurer. After the constitution was adopted in 1954, the officers then became, the President, Vice President, Secretary, and Treasurer. Voting members of the Executive Committee became the President, the Vice President, the immediate Past President, plus one representative from each member society. Thus, three societies have two votes, while the others have one vote. Before 1962, the Vice President, Secretary, and Treasurer could be elected by the Executive Committee from any member society. In 1962, the Vice President became the President-elect, and was selected from the member society to next host the annual convention. The Secretary and Treasurer were also selected from the host society. Of course, the convention General Chairman was always from the host society. In 1986 the GCAGS was incorporated in order to secure liability insurance for the annual convention. In 1988 the Constitution became the Bylaws, and in keeping with the corporate structure, the Executive Committee became the Board of Directors. Voting members have remained one from each society, plus the President, Vice President, and the immediate Past President. The Board meets twice a year, at the annual convention and at a midyear meeting. The present Executive Committee, for interim administration matters, consists of the President, Vice President, Secretary, and Treasurer. The GCAGS Financial Officer, appointed by the Board, is included when his advice is needed.

### Advisory Committees

Several advisory committees and other ancillary posts have been added over time. The chairmen of these committees meet with the Board of Directors twice annually to assist the Board in their functions. They can offer recommendations, resolutions or motions pertaining to their duties, but do not have a vote.

In 1971, the GCAGS began sending a representative to the AAPG Advisory Committee. The first such representative was Frank W. Harrison, while our current representatives are Gerald R. Rolf and Dwight "Clint" Moore.

In 1977, three new committees were added: Finance, Long-range Planning, and Financial Aid to Students (now

Student Grant). Bill C. Tucker was first chairman of the Finance Committee, and Howard W. Kiatta is the current chairman. The Long-range Planning Committee was first headed by E.G. Wermund, Jr., and is now chaired by Peter G. Gray. Student Grant's first chairman was Raymond W. Stephens, while Bonnie R. Weise is the present chair.

In 1978, Robert E. Boyer became the first permanent chairman of the Publication Committee. He continues in that capacity today. In 1980, he formed *Earth Enterprises, Inc* to handle the sale of GCAGS publications, plus those of the member societies and the GCSSEPM.

The Awards and Nominations Committee was established in 1981 with M. O. Turner as chairman. Fred H. Marshall now heads this committee. In 1983, David E. Pope was appointed as GCAGS Historian, and continues in that capacity at present.

In 1989, Mrs. Birdena Schroeder was selected as GCAGS Executive Secretary, and continues as such to present. She has continued to serve admirably in this capacity on a gratis basis.

In 1994, Dan L. Smith was appointed Chairman of the GCAGS Convention Committee. He is still serving as such today. Edward B. Picou, Jr. has been working in conjunction with a commercial firm for the past two years to place the GCAGS Transactions on a CD-ROM that will be available for a predetermined price.

## Conclusions

The Gulf Coast Association of Geological Societies began with seven local societies in 1951; since 1980, it has had twelve member societies. Despite the erratic fluctuations caused by the fortunes of the oil industry, upon which we are so heavily dependent, the GCAGS has continued in general to prosper. Our total membership is somewhat less now than in the boom days of the 1980's (about 9000); however, we are still vibrant, publishing more diversified papers in the *Transactions*, which has been for decades the "Bible" for Gulf Coast geology. We are very strong financially, and fully expect this condition to continue into the foreseeable future.

## Acknowledgments

The following have been most helpful in assembling this report: Philip R. Allin, Robert E. Boyer, Peter G. Gray, Howard W. Kiatta, Fred H. Marshall, Edward B. Picou, Jr., E.G. Rolf, Mrs. Birdina Schroeder, Dan L. Smith, and Bonnie R. Weise. Ronald K. Zimmerman offered many valuable suggestions, and Ann Tircuit typed the manuscript.

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