



# THE OHIO GEOLOGICAL SOCIETY



The Newsletter of the Ohio Geological Society

April 2006

*An Affiliate (1963) of the American Association of Petroleum Geologists (AAPG)*

## **2005-2006 Officers**

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Dear Society Members,

Our next meeting will be held at The Midwest Hotel & Conference Center, Columbus, Ohio on Wednesday, April 19<sup>th</sup>. Fred Haerberle will present "Hurricanes and Offshore Gulf of Mexico Operations".

We hope to see you there!

### **Welcome New Member!**

Brad Posner

Superior Well Services

Newburgh, IN

Ohio Geological Society  
P.O. Box 14304 · Columbus, OH 43214  
<http://www.ohgeosoc.org/>

## **OGS MEETING**

Wednesday, April 19<sup>th</sup>  
Lunch at 11:30, talk at 12:30 pm.

Please RSVP for lunch to Don Jennings at  
[seismic@sprynet.com](mailto:seismic@sprynet.com) or 740-788-8836.

Midwest Hotel & Conference Center  
4900 Sinclair Road  
Columbus, OH 43229  
<http://www.ramadahotelcolumbus.com/>

### **Hurricanes and Offshore Gulf of Mexico Operations**

Frederick R. Haerberle, Consulting Geologist, Delaware, Ohio

The offshore Gulf of Mexico furnishes 20% of U.S. gas production, 29% of U.S. oil production. Onshore, 47% of U.S. refinery capacity is in the Gulf Coast and 60% of U.S. imported oil comes through ports there. Over 1,259 oil and gas fields have been discovered offshore. Hurricanes Katrina and Rita destroyed five drilling platforms, 19 platforms were set adrift, 18 had extensive damage and 11 were damaged. One hundred and sixty seven production platforms were destroyed or had extensive damage, 22,000 miles of pipelines were damaged, eight refineries were closed down completely and 12 refineries were damaged. At the end of March, three refineries were still closed and production was only one third of normal. Insurance claims for damage are estimated to be between 430 and 60 billion dollars. The onshore hurricane damage was not much greater than the oil industry suffered offshore.

# The Ohio Academy of Science

## 58th Annual State Science Day

May 6, 2006

The Ohio State University  
French Field House and St. John Arena

### JUDGES NEEDED!

Please contact Amy Lang at [AmyLang@columbus.rr.com](mailto:AmyLang@columbus.rr.com) or 614-717-9262.



### What is State Science Day?

For over 50 years--and now with more than 45,000 alumni--State Science Day is the ***pinnacle of student originated, inquiry-based science education*** for Ohio's students. The academic equivalent of a State athletic championship, this year's event is the largest of its kind in the nation. Drawing upon an annual base of over 30,000 students at more than 1,000 local school science days or science fairs, more than 1,000 students in grades 7-12 from nearly 300 schools will be evaluated this year on their scientific research and communication skills, and will compete for more than 100 different scholarships and awards valued at **more than \$1,500,000**. Both individual and team student research projects will be recognized. First held in 1949, the 58th Annual State Science Day is sponsored by The Ohio Academy of Science, American Electric Power, The Ohio Environmental Education Fund, and Roxane Laboratories.

Each year the Ohio Geological Society presents a GEOLOGICAL AWARD to the 6 best projects in the geological sciences in the form of cash and certificates of merit.

### **AAPG Membership / Ohio Geological Society Grant**

If you are an AAPG member, you should have recently received your dues statement. If you are not an AAPG member, I would highly recommend you consider joining.

Last summer OGS established the Ohio Geological Society named grant which is being administered by the AAPG Foundation. The initial \$12,500 donation will provide an annual \$500 grant to a deserving student studying the geology of Ohio, or secondly, a geology student enrolled at an Ohio college or university. More donations have been made since last summer, and we would like to continue to build this fund to \$25,000 so that the annual grant can be increased to a more meaningful \$1000.

There is a very simple way to contribute! The past few years, AAPG has included on the dues statement a voluntary AAPG Foundation contribution based on years of membership. To insure that this contribution (or more, if you wish) is earmarked toward the OGS grant, simply circle "12 Grants" under fund choice and write "Ohio Geological Society named grant" in the space provided.

One additional item to double check on your dues statement is your affiliated society. You will find this printed on the statement when you remove your membership card. If Ohio Geological Society is not listed as your society affiliation, please consider changing this entry. Our representation to AAPG's House of Delegates is determined by this count.

Steve Zody  
AAPG Delegate

### **EX-OGS member doing well in California**

Some of you may remember Jeff Findl as an Ohio Geological Society member in the mid- to late-1980's. Jeff was a consulting petroleum geologist in the Columbus area. In the early nineties Jeff migrated to California. He recently made contact with his Ohio roots again. Jeff started his own environmental consulting firm, which has done very well. Last year he sold the firm to another environmental concern in New Jersey. He will stay on helping to hand off the business until May of this year. Then he plans to travel Europe and the U.S., and plans to visit Ohio again.

Jeff has also done very well musically. He has become quite the guitarist, releasing a CD (*Somebody Got Happy Fingers*) in 2004. He has a website [www.jefffindl.com](http://www.jefffindl.com) if anyone would like to catch up with him.

## OGS-AAPG Scanning Project

The Society has just signed an agreement with AAPG to scan and digitize all of the Society publications. For the past few years, AAPG has been offering to digitize Affiliated Society publications and place them in the AAPG archives. These publications are then sold through the AAPG Bookstore, either over the Internet or sold on CD-ROM. As part of its participation, the Affiliated Society receives a royalty payment based either upon sales of individual articles or sales of CD-ROMs. This AAPG program to scan and digitize publications helps bring the Affiliated Society's legacy publications into the digital realm and into the 21<sup>st</sup> Century. OGS and AAPG expect the project to scan and digitize all the publications to be finished by this time next year. As part of your OGS membership, you will be given a free copy of the digital publications on CD-ROM.

**We need your help!** In order for the scanning to occur, we must supply AAPG with two copies of each publication. One of the copies is then cut apart and fed into the scanner. The second is used as a backup. Unfortunately, some of our publications are out of print. These publications are listed below:

**OGS 1. Guidebook to the Middle Devonian rocks of north-central Ohio**, by A. Janssens. 30 p. 1970

**OGS 2. Geology of Silurian rocks, northwestern Ohio**, by C. F. Kahle and J. C. Floyd. Guidebook for First Annual Meeting, Eastern Section, American Association of Petroleum Geologists. 91 p., 1970

**OGS 3. Seminar on industrial self-help programs for natural gas supplies**, edited by Arie Janssens. 55 p., 15 figs., 1 table, 1977.

**OGS 6. Principles of seismic exploration.** A collection of papers from a seminar presented at the 1987 AAPG Eastern Section meeting. 1987

**OGS 9. An update on Ohio's subsurface geology.** Proceedings from the October 1993 technical symposium held in Canton, Ohio. 11 papers, separately paged, 1993.

**OGS 11. Major natural gas plays of the Appalachian basin and surrounding areas.** Proceedings from the October 1994 technical symposium held in Canton, Ohio. 11 papers, separately paged, 1994

**OGS 12. Structural influences on oil and gas reservoirs.** Proceedings from the October 1995 technical symposium held in Canton, Ohio. 14 papers. 129 p., 1995

**OGS 16. Fossil collecting in the Silica Formation at Sylvania, Ohio.** Guidebook for the 1998 AAPG Eastern Section meeting. 16 p., 1998

**OGS 18. Exploration and Development of the Trenton-Black River of the Appalachian Basin.** Presentation workbook from the PTTC workshop held in Canton, Ohio, April 25, 2002.

We also have the following guidebooks that are out-of-print, not in our archives, and are not part of our Publications List:

**1965 Guidebook.** Cambrian and Ordovician formations in the vicinity of the Cumberland overthrust block of Tennessee and Virginia.

**1967 Guidebook.** Guide to the annual field conference, northeastern Ohio

**1968 Guidebook.** Geological aspects of the Maysville-Portsmouth region, southern Ohio and northeastern Kentucky

**1969 Guidebook.** A field guide to Allegheny deltaic deposits in the upper Ohio Valley with a commentary on deltaic aspects of Carboniferous rocks in the northern Appalachian Plateau.

**1983 Guidebook.** Cuyahoga and Logan formations of central and eastern Licking County, Ohio

**1987 Guidebook.** Guidebook for the 1987 AAPG Eastern Section meeting

**1991 Guidebook.** Geology of the Alexandria-Ashland Highway (Kentucky Highway 546) Maysville to Garrison

If anybody would like to donate copies of these out-of-print OGS publications, please contact Jim McDonald (614-265-6601) for more information.



Society of Petroleum Engineers



The Appalachian PTTC and the Society of Petroleum Engineers present, in conjunction with the Ohio Oil & Gas Association, a workshop on May 31st, 2006 at Salt Fork Resort, Cambridge, Ohio

# Drilling and Completion Technology Updates

Morning Session - DOE Microhole Technology

Afternoon Session - Operator Completion Case Studies

When : May 31, 2006 - Registration/Coffee 8:00 to 8:30 a.m., Workshop 8:30 a.m. to 4:30 p.m.

Where : Salt Fork Resort, US Route 22 east, Cambridge, OH 43725

Why : Because you need to know this stuff!!

Join us for a daylong workshop on the newest drilling and completion technological advances. We will have a morning presentation on DOE's Microhole Technology initiative along with case histories. In the afternoon we will present the newest completion technologies being applied in the Appalachian Basin with an emphasis on horizontal completions and shale / multiple zone completions.

For directions on how to get there visit [www.saltforkresort.com](http://www.saltforkresort.com). Rooms have been blocked out at a rate of \$90. For room reservations you may call 1-800-At-A-Park (800.282.7275).



For more information: Call Workshop Coordinators Dale Jennings (740.587.1051) or Greg Mason (740.348.1267). Space will be limited to the first 100 people for this workshop.

### ADVANCE REGISTRATION FORM

**PTTC Focused Technology Workshop - May 31, 2006**

Registration Cost: \$75.00 - includes handbook, breaks, and lunch. Please register ASAP!!

Name \_\_\_\_\_ Nickname for badge \_\_\_\_\_

Company \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

Email address: \_\_\_\_\_

**Make check payable to: Ohio Oil & Gas Association**

Mail To: PTTC Workshop, P.O. Box 535, Granville, Ohio 43023-0535

To pay by credit card, contact the Association by phone at: 740-587-0444

## **AAPG Eastern Section 2006 Meeting**

### **CALL FOR PAPERS**

**October 8-11, 2006**

**Adam's Mark Buffalo Niagara Hotel, Buffalo, New York**

You are invited to submit an abstract for oral or poster presentation at the AAPG Eastern Section Annual Meeting. We will be holding concurrent oral sessions and poster sessions. All papers of interest to the Eastern Section, the Division of Environmental Geosciences, Energy Minerals Division, and Division of Professional Affairs will be considered for presentation. In addition to the technical program we are planning field trips in conjunction with the New York Geological Association (NYSGA), as well as workshops and exhibits. Potential exhibitors should contact Rose Schulze, Exhibits Chair (rschulze@mail.nysed.gov).

#### **INFORMATION FOR PRESENTERS**

Authors are invited to submit new and original work for either oral or poster sessions outlined in this call for papers. Abstracts are due by **JUNE 1, 2006**. We will take topics on anything, the proposed theme sessions are listed below. The anticipated standard oral presentation is 25 minutes plus 5 minutes for questions; we will contact you concerning specific timing. Poster sessions will run a full day. Poster authors are expected to be in their booths a minimum of 2 hours. Authors will be provided two 4 ft by 8 ft boards suitable for Velcro® attachment of posters.

Abstracts should be submitted electronically, if possible, following the instructions below or on the meeting website ([www.ubevents.org/event/aapg](http://www.ubevents.org/event/aapg)). Also submit an "Abstract Submittal Form" (see the back of this announcement or meeting website) and state whether you prefer an oral or poster presentation or whether either is acceptable. Over-subscription may mean that some papers will be moved from poster to oral, and vice versa, but only upon approval of the authors. Many people will decide to attend a presentation based solely on its title; make your title as brief and as interesting as possible while still conveying the main topic.

**Please do not submit an abstract unless at least one author is certain to attend the meeting. Speakers are required to register for the meeting.**

#### **PROPOSED THEME SESSIONS**

- Hydrothermal Dolomitization Models and Case Studies
- Trenton/Black River Reservoirs of Eastern North America
- Geological Carbon Sequestration in the Eastern U.S.
- New Models for Exploration and Development of Sandstone Reservoirs, Eastern North America
- New Approaches to Carbonate Reservoirs of Eastern North America
- Black Shales – What we know and what we need to know
- Structural Evolution of Eastern North America and Impact on Reservoir Distribution and Performance
- General Topics on all Oil and Gas Related Subjects

#### **PROPOSED POSTER SESSIONS**

- Cores and core studies of Eastern North American Reservoirs – we plan to have cores on display from the Appalachian, Michigan, and Illinois Basins.

#### **ABSTRACT FORMAT AND INSTRUCTIONS**

Please submit your abstract in MSWord or Rich Text Format (.rtf) using the design described here. Your abstract will appear in the proceedings exactly as submitted, so please read and follow these instructions.

**1. TITLE**—List the title of your abstract first. Titles should be in **bold** upper and lower case text, aligned with the left margin, beginning on the first line.

**2. AUTHORS**—Skip one line after the title and type the senior author's name first, followed by additional authors. Make the speaker's name bold.

**3. AUTHORS' AFFILIATION**—Immediately below the authors, type (in upper and lower case) the author's affiliation, city, state/province, and zip/postal code. Indicate multiple authors' affiliations with superscript consecutive numbers keyed to the authors in the authors' line

**4. ABSTRACT**—Skip a line and begin the body of your abstract. Abstracts for both oral and poster presentations are limited to 250 words or less. Use the full width of the page (within margins); do not indent, skip a line between paragraphs; lines must be single-spaced; justify the type to the left and right margins; no illustrations, references, or abbreviations.

No corrections will be made, so PLEASE PROOFREAD.

Abstract Example

**Modern Analogs for Carbonate Reservoirs – Great Bahama Bank Revisited**

G. Michael Grammer<sup>1</sup>, **Paul M. (Mitch) Harris<sup>2</sup>**, and Gregor P. Eberli<sup>3</sup>

<sup>1</sup>University of Miami, Comparative Sedimentology Laboratory, Miami, FL 45678

<sup>2</sup>Western Michigan University, Department of Geology, Your Town, MI 46789

<sup>3</sup>ChevronTexaco Exploration and Production Technology Company, Anywhere, CA 34567

Study of modern depositional environments in the Bahamas formed a cornerstone of carbonate facies . . .

You may submit a paper copy of the abstract and abstract form, or an electronic copy. The electronic copy may be sent by e-mail, on a diskette or on a CD. MSWord and PDF versions of the abstract form are available on the meeting website ([www.ubevents.org/event/aapg](http://www.ubevents.org/event/aapg)). Use the following file name format (all lower case)—corresponding author's last name corresponding author's first name abstract number (use 1 for the first abstract submitted by the author, 2 for the second abstract submitted by the same author, and so on). For example: jacobi\_robert\_1.rtf

Submit your abstract to:

**Taury Smith, Technical Program Chair  
Center for Stratigraphy and Paleontology  
3140 Cultural Education Center  
Albany, NY 12230  
e-mail: lsmith@mail.nysed.gov**

**AAPG-EASTERN SECTION 2006 ABSTRACT SUBMITTAL FORM**

*Abstract deadline is June 1, 2006*

**NOTE: The content of your abstract is your responsibility. Please check it carefully.**

Speaker's Name (last name first) \_\_\_\_\_

Affiliation (employer) \_\_\_\_\_

Address: \_\_\_\_\_

City, State, ZIP/Postal Code: \_\_\_\_\_

Office Phone: \_\_\_\_\_ Office FAX: \_\_\_\_\_

E-mail: \_\_\_\_\_

**For: Oral  Poster  Either  Are you a student?**

**Preferred session:**

1. \_\_\_\_\_

2. \_\_\_\_\_

**If your paper does not fit a proposed topic, indicate your topic with two or three key words:**

\_\_\_\_\_ **Is this an invited paper?  Invited by whom? \_\_\_\_\_**

**The only mode of presentation available will be PowerPoint.**

For additional information, please see the website ([www.ubevents.org/event/aapg](http://www.ubevents.org/event/aapg)).

### **Geologist Position Available**

Position available for experienced Appalachian Basin based geologist with prospect development and drilling management experience with solid, thirty year operator based in Wooster, Ohio. Salary, benefit package, vehicle and well investment opportunity. Contact J.R. Smail at:

J.R. Smail, Inc.  
P.O. Box 1157  
Wooster, Ohio 44691  
or via email at: [jrsbank@aol.com](mailto:jrsbank@aol.com)

## **CALENDAR**

Information available for OGS meetings at: [www.ohgeosoc.org](http://www.ohgeosoc.org)  
or contact Don Jennings at [seismic@sprynet.com](mailto:seismic@sprynet.com), 740-788-8836.

- |              |   |
|--------------|---|
| April 19     | OGS Meeting, The Midwest Hotel & Conference Center, Columbus, OH.   |
| May 6        | State Science Day, Ohio State University, Columbus, OH.<br><a href="http://www.ohiosci.org/ssd.htm">http://www.ohiosci.org/ssd.htm</a> or 614-488-2228.   |
| May - TBA    | OGS Meeting   |
| May 31       | PTTC Workshop – “Drilling and Completion Technology Updates”, Salt Fork Resort, Cambridge, OH. <a href="http://karl.nrcce.wvu.edu/calendar.htm">http://karl.nrcce.wvu.edu/calendar.htm</a> or 740-587-1051. |
| August 14-15 | OOGA Annual Summer Meeting, Wooster Country Club, Wooster, OH.<br><a href="http://www.ooga.org/calendar/meetings.htm">http://www.ooga.org/calendar/meetings.htm</a> or 740-587-0444.                        |
| September 14 | OGS Golf Outing, Chapel Hill Golf Course, Mt. Vernon, OH.   |

Check the OGS website at [www.ohgeosoc.org/otherevents.html](http://www.ohgeosoc.org/otherevents.html) or the PTTC website at <http://karl.nrcce.wvu.edu/calendar.htm> for other meetings and events.

# Ohio Geological Society Publications

The in-print publications of the Ohio Geological Society may be purchased from the Ohio Division of Geological Survey. Members of the Society receive a discount; the member price is in parentheses (M:). For more information on the Society, write the Ohio Geological Society, P.O. Box 14304, Columbus, OH 43214.

- OGS 1. Guidebook to the Middle Devonian rocks of north-central Ohio**, by A. Janssens. 30 p., 1970. \$2.50. (M: \$2.00).
- OGS 2. Geology of Silurian rocks, northwestern Ohio**, by C. F. Kahle and J. C. Floyd. Guidebook for First Annual Meeting, Eastern Section, American Association of Petroleum Geologists. 91 p., 1970. Out of print.
- OGS 3. Seminar on industrial self-help programs for natural gas supplies**, edited by Arie Janssens. 55 p., 15 figs., 1 table, 1977. \$3.50 (M: \$3.00).
- OGS 4. Clinton sandstone papers presented at the Ohio Oil and Gas Association Winter Meetings 1961 to 1978** (abridged reprint of 1980 volume). 228 p., 1985. \$25.00 (M: \$20.00).
- OGS 5. The new Clinton collection--1985**, edited by Jack Gray, Andy Maslowski, Warren McCullough, and W. E. Shafer (2nd printing). This edition includes a transcript of "Deeper Clinton-Medina drilling in southeastern Ohio" from a March 1986 Ohio Geological Society meeting. 257 p., 1985. \$25.00 (M: \$20.00).
- OGS 6. Principles of seismic exploration**. A collection of papers from a seminar presented at the 1987 AAPG Eastern Section meeting. 1987. Out of print.
- OGS 7. Computer-aided analysis of geologic data**, edited by Lawrence H. Wickstrom. A collection of papers from a seminar presented at the 1987 AAPG Eastern Section meeting. 100 p., 1987. \$15.00 (M: \$12.00).
- OGS 8. Maps and cross sections of the Cambrian and Lower Ordovician of central Ohio**, by G. G. Shearrow. 31 p., 8 pls., 1987. \$12.00 (M: \$10.00).
- OGS 9. An update on Ohio's subsurface geology**. Proceedings from the October 1993 technical symposium held in Canton, Ohio. 11 papers, separately paged, 1993. \$25.00 (M: \$20.00).
- OGS 10. The Ohio Geological Society anthology, the Morrow County, Ohio "oil boom" 1961-1967 and the Cambro-Ordovician reservoir of central Ohio**, edited by William E. Shafer. 452 p., 1994. \$25.00 (M: \$20.00).
- OGS 11. Major natural gas plays of the Appalachian basin and surrounding areas**. Proceedings from the October 1994 technical symposium held in Canton, Ohio. 11 papers, separately paged, 1994. \$25.00 (M: \$20.00).
- OGS 12. Structural influences on oil and gas reservoirs**. Proceedings from the October 1995 technical symposium held in Canton, Ohio. 14 papers. 129 p., 1995. Out of print.
- OGS 13. Enhanced recovery--historical development and future potential in Ohio and the Appalachian Basin and Integration of geology and geophysics in exploration**. Proceedings from the October 1996 technical symposium held in Akron, Ohio. 16 papers. 209 p., 1996. \$25.00 (M: \$20.00).
- OGS 14. Ohio Geological Society Fifth Annual Technical Symposium**. Proceedings from the November 1997 technical symposium held in Akron, Ohio. 11 papers. 117 p., 1997. \$25.00 (M: \$20.00).
- OGS 15. Petroleum seismology in the digital age**. Course notes from the Ohio Geological Society's 3-D Seismic Seminar presented at the 1998 AAPG Eastern Section meeting. \$20.00 (M: \$15.00).
- OGS 16. Fossil collecting in the Silica Formation at Sylvania, Ohio**. Guidebook for the 1998 AAPG Eastern Section meeting. 16 p., 1998. \$7.00 (M: 6.00).
- OGS 17. Into the new millennium: The changing face of exploration in the Knox play**. Proceedings from the Sixth Annual Fall Symposium held in Akron, Ohio, October 1999. 16 papers. 120 p., 1999. \$25.00 (M: \$20.00).
- OGS 18. Exploration and Development of the Trenton-Black River of the Appalachian Basin**. Presentation workbook from the PTTC workshop held in Canton, Ohio, April 25, 2002. 10 papers. 2002. \$15.00 (M: \$10.00).

To order any of the Society's publications contact: The Geologic Records Center, Ohio Division of Geological Survey, 2045 Morse Road, Columbus, Ohio 43229-6693. Telephone (614) 265-6576. FAX: (614) 447-1918. E-mail: [geo.survey@dnr.state.oh.us](mailto:geo.survey@dnr.state.oh.us).