



# THE OHIO GEOLOGICAL SOCIETY



The Newsletter of the Ohio Geological Society

January 2007

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

## **2005-2006 Officers**

### **President**

Don Jennings  
Elite Seismic Processing, Inc.  
1927 Tamarack Rd.  
Newark, OH 43055  
(740) 788-8836  
seismic@sprynet.com

### **Vice President**

Alison Nutter  
Elite Seismic Processing, Inc.  
1927 Tamarack Rd.  
Newark, OH 43055  
(740) 788-8836  
seismic@sprynet.com

### **Secretary**

Amy Lang  
Forman Energy, Ltd.  
P.O. Box 340346  
Columbus, OH 43234  
(614) 717-9262  
amy.lang@formanenergy.com

### **Treasurer**

John Miller  
Enervest Operating, LLC  
4770 Indianola Avenue  
Columbus, OH 43214  
(614) 888-9588  
jmiller@enervest.net

## **9<sup>th</sup> Annual Winter Gala!**

**The Ohio Geological Society cordially invites all geologists, associates,  
and friends to a gala winter celebration!**

**Friday, January 19<sup>th</sup>, 2007  
6:30 pm**

**Midwest Hotel & Conference Center  
4900 Sinclair Rd.  
Columbus, OH 43229**

Last Call for Dues....

Please return the membership form on page 3 with your dues to the OGS, PO Box 14304, Columbus, OH 43214 or renew your membership at the winter gala! This is the last newsletter you will receive if you have not paid by January 31<sup>st</sup>, 2007.

### **Welcome New Member!**

Chris Gordon

Ohio Division of Geological Survey Columbus, OH



# Ohio Geological Society

## 9th Annual Winter Gala !

*The Ohio Geological Society cordially invites all geologists, associates, and friends to a gala winter celebration!*

*Friday, January 19<sup>th</sup>, 2007*

*6:30 pm*

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

*Cost: \$25 per person*

*Dinner, drinks and musical entertainment included!  
Payable in advance to the OGS, PO Box 14304, Columbus, OH 43214.*

*Please RSVP by January 15<sup>th</sup> to:  
[Amy.Lang@formanenergy.com](mailto:Amy.Lang@formanenergy.com) or (614) 717-9262.*

*Hotel room reservations should be made directly with the Midwest Hotel & Conference Center, (614) 846-0300. A block of rooms will be held until January 5<sup>th</sup>, 2007. The rate is \$69.00. Please be sure to specify that you are with the Ohio Geological Society.*



# THE OHIO GEOLOGICAL SOCIETY

P.O. Box 14304, Columbus, OH 43214

## 2007 MEMBERSHIP FORM

Last Name: _____	First: _____	M.I. _____
Company: _____	Title: _____	
Address: _____ _____		
City: _____	State: _____	Zip: _____
Phone: _____	E-mail: _____	
Spouse: _____		
Other Memberships: _____		

University	Degree	Major	Year

Membership Dues			
(Check one)	_____ New	_____ Renewal	
(Check one)	_____ Active	_____ Associate	_____ Student _____ Honorary
	\$20/yr.	\$20/yr.	\$5/yr. \$0/yr.

For Society use				
Received _____	Cash _____	Check # _____	Dated _____	Amount _____

**CALL FOR PAPERS**  
Abstract Deadline: April 2, 2007



**Eastern Section  
American Association of Petroleum Geologists  
2007 Annual Meeting  
Lexington, Kentucky**

**Winning the Energy Trifecta:  
*Explore, Develop, Sustain*  
September 16–18, 2007  
Hyatt Regency Hotel and Lexington Center  
Lexington, Kentucky  
[www.esaapg07.org](http://www.esaapg07.org)**

You are invited to submit an abstract for oral or poster presentation at the Eastern Section AAPG Annual Meeting. 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. The technical program is expected to comprise two to three concurrent oral sessions and one poster session each day.

**PROPOSED THEME SESSIONS**

- Deep-basin Geology: A New Frontier
- Enhanced Recovery in Eastern North America
- Revitalizing Mature Basins
- Devonian Black Shale Geology, Exploration, and Production in the Eastern United States
- Coalbed Methane in the Eastern United States
- Trenton/Black River Reservoirs of Eastern North America
- Geological Carbon Sequestration in Eastern North America
- Structural Evolution of Eastern North America Relative to Hydrocarbon Production
- Mineralization and Hydrocarbons
- Carboniferous Geology of Eastern North America
- Energy and Sequestration Policy
- Heavy Oil and Tar Sands
- Seismic Studies in Eastern North America
- Geochemistry and Petroleum Geology
- Novel Methods in Oil and Gas Exploration
- Student Only Paper and Poster Session
- General Topics on All Oil- and Gas-Related Subjects

## INFORMATION FOR PRESENTERS

Authors are invited to submit new work for either oral or poster sessions, as outlined below. Abstracts are due **APRIL 2, 2007**. Oral presentations will be 25 minutes with a 5-minute question period. Accepted-paper authors will be contacted concerning the specific timing. The only mode of presentation will be PowerPoint. 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, via the Internet, following the instructions below. Also submit the "Abstract Submittal Form" (see the meeting Web site) 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, or vice versa, but only with author(s) approval. Titles should be as brief 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. All speakers are required to register for the meeting.**

### ABSTRACT FORMAT AND INSTRUCTIONS

Please submit your abstract in MSWord as Rich Text Format (.rtf) using Arial 12 point. Your abstract will appear in the proceedings exactly as submitted, so please carefully proofread.

- 1. TITLE** List the title of the abstract first. Titles should be **bold** upper- and lower-case text, aligned with the left margin, beginning on the first line.
- 2. AUTHORS** Skip one line after the title; type the senior author's name first, followed by additional authors. If the senior author is not presenting the paper, make the presenter's name **bold**.
- 3. AUTHORS' AFFILIATION** Immediately below the authors, type (in upper and lower case) the author's affiliation, city, state/province, zip/postal code, and e-mail. Indicate multiple authors' affiliations with superscripted consecutive numbers keyed to the authors in the authors' line.
- 4. ABSTRACT** Skip a line and begin the body of your abstract. Abstracts are limited to **250** words. Use the full width of the page; do not indent; skip a line between paragraphs; lines must be single-spaced, right-left justified; 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, Department of Geology, Miami, FL 45678, [grammer@xyz.edu](mailto:grammer@xyz.edu)

<sup>2</sup>ChevronTexaco Exploration and Production Company, Anywhere, CA 34567, [harris@lmn.com](mailto:harris@lmn.com)

<sup>3</sup>Michigan University, Department of Geology, Your Town, MI 46789, [geberli@abc.edu](mailto:geberli@abc.edu)

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

You may submit the abstract via e-mail. 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: [harris\\_david\\_1.rtf](#)). E-mail both your abstract and your completed ABSTRACT SUBMITTAL FORM (see the 2007 Eastern Section AAPG Web site) as e-mail attachments, with the subject designation "2007 Abstract," to:

**James A. Drahovzal, Technical Program Chair**  
**e-mail: [drahovzal@uky.edu](mailto:drahovzal@uky.edu)**  
**859-257-5500 x175**

# *Winning the* **Energy Trifecta**

- **Explore**
- **Develop**
- **Sustain**



**Eastern Section AAPG 2007**

**September 16–18, 2007**  
**Hyatt Regency Lexington and Lexington Convention Center**  
**Lexington, Kentucky**

**Hosted by:**  
**Kentucky Society of Professional Geologists**  
**Kentucky Geological Survey**  
**Department of Earth and Environmental Sciences, University of Kentucky**

**2007 Meeting Web Site: [www.esaapg07.org](http://www.esaapg07.org)**

Please join us in Lexington for the 2007 Eastern Section AAPG annual meeting, September 16-18. Kentucky's central location and scenic geology provide a perfect setting for discussing energy issues in the Appalachian, Illinois, and Michigan Basins. Our meeting theme, "Winning the Energy Trifecta," reflects the challenges we face exploring for, developing, and utilizing energy resources in an environmentally-sustainable way. The technical sessions, workshops, and field trips have been designed to address these three major areas of energy industry activity.

---

## **Technical Program**

We are planning a comprehensive technical program including two days of oral and poster sessions. Abstracts for technical presentations are due on April 2, 2007. Interested in organizing a theme session? Want to receive a Call for Papers? Please contact **Jim Drahovzal, Technical Program Chair**, Kentucky Geological Survey,

[drahovzal@uky.edu](mailto:drahovzal@uky.edu), (859) 257-5500, ext. 175.

## **Workshops**

Pre- and post-meeting workshops are being organized with an emphasis on technical training. Workshops will include computer-based training for popular industry software such as Geographix and Petra, and geographic information systems applications. In

addition, we are planning a workshop on unconventional reservoir analysis, and an earth science teacher's workshop during the meeting. For more information on workshops, contact **Marty Parris, Workshops Chair**, Kentucky Geological Survey, [mparris@uky.edu](mailto:mparris@uky.edu), (859) 257-5500, ext. 159.

## Field Trips

Kentucky is blessed with abundant outcrops of important reservoir and source rocks. We are planning three main field trips before and after the meeting. These will include (1) a Devonian black shale trip in the Knobs region of central Kentucky, (2) an eastern Kentucky coal field trip, and (3) a trip to examine the Ordovician Lexington Limestone (Trenton-equivalent) in central Kentucky. We will also offer a guest field trip to a nearby nature preserve to see local geology and wildflowers. If there is sufficient interest, we will have a post-meeting trip to Mammoth Cave, Kentucky's only national park and part of the longest cave system in the world. For more information on field trips, please contact **Steve Greb, Field Trips Chair**, Kentucky Geological Survey, [greb@uky.edu](mailto:greb@uky.edu), (859) 257-5500 ext. 136.

## Student Activities

Student events will include an industry Job-Quest, with representatives from energy companies conducting interviews during the meeting. Student technical presentations are encouraged, and will be eligible for a best student paper award.

## Exhibits

Our meeting space includes a spacious exhibit hall directly adjacent to the oral session rooms and poster sessions. The exhibit hall will form the core of the meeting, including the opening icebreaker reception on Sunday evening. For more information on reserving exhibit space at this meeting, please contact **Dan Wells, Exhibits Chair**, [d.wells@insightbb.com](mailto:d.wells@insightbb.com), (859) 523-3892.

## Sponsorship

A wide variety of sponsorship opportunities are available for the Lexington meeting. These include several recognition levels of general sponsorship, and the opportunity to sponsor specific events, such as technical sessions, field trips, workshops, and social functions. Recognition will be provided for sponsors during the meeting, on the meeting web site, and in printed materials. For more information, please contact **Mike Sanders, Sponsorship Chair**, [msajs@aol.com](mailto:msajs@aol.com), (859) 266-6546.

## Entertainment

Enjoy Kentucky hospitality at its best throughout the meeting. If you can find a ticket, the weekend begins with the Commonwealth's biggest football rivalry, the University of Kentucky-University of Louisville game on Saturday. On Sunday, the meeting starts with the opening sessions and icebreaker reception. We will have a Monday evening social event featuring local fare, music, and refreshments. A special guest program is planned for Monday and Tuesday.

## For More Information

For additional information on any aspect of the 2007 Eastern Section AAPG meeting, please contact: **Dave Harris, General Meeting Chair**, Kentucky Geological Survey, [dcharris@uky.edu](mailto:dcharris@uky.edu), Voice: (859) 257-5500, ext. 173 or **Mike Lynch, Publicity Chair**, Kentucky Geological Survey, [mike.lynch@uky.edu](mailto:mike.lynch@uky.edu), Voice: (859) 257-5500, ext. 128

**Please visit the 2007  
meeting Web site:  
[www.esaapg07.org](http://www.esaapg07.org)**

## CALENDAR

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

- January 19**            **9<sup>th</sup> Annual OGS Winter Gala, Midwest Hotel & Conference Center, Columbus, OH.**
- February 15            OGS Meeting – “Gravity and Magnetic Interpretation in Eastern Ohio – Primer and Application” – Dan Bendig, Ginger Oil Company. Midwest Hotel & Conference Center, Columbus, OH.
- March 21                OGS Meeting, Easton Hilton, Columbus, OH.
- March 21-23            OOGA 2007 Annual Winter Meeting, Easton Hilton, Columbus, OH.  
<http://www.ooga.org/calendar/meetings.htm> or 740-587-0444.
- April 1-4                AAPG Annual Convention and Exhibition, Long Beach Convention and Entertainment Center, Long Beach, CA. <http://www.aapg.org/longbeach/> or 888-945-2274, ext. 617.
- April 19                OGS Meeting, Midwest Hotel & Conference Center, Columbus, 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  
P.O. Box 14304 · Columbus, OH 43214  
<http://www.ohgeosoc.org/>

# 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).