



THE OHIO GEOLOGICAL SOCIETY



The Newsletter of the Ohio Geological Society

August 2005

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

2005-2006 Officers

President

Nicole Venteris
Knox Energy, Inc.
P.O. Box 705
New Albany, OH 43054
(740) 927-6731
knoxnicole@yahoo.com

Vice President

Don Jennings
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
amylang@columbus.rr.com

Treasurer

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

President's Column

Dear Members,

I can't believe it is the beginning of August already and it looks like we will finally get a break from the heat! Let's hope we have a clear cool day for our upcoming golf outing on August 18, at Chapel Hills Golf Club in Mt. Vernon. Send in your foursomes and hit those driving ranges and courses to get ready for the big day. As we have in the past we expect a great turnout! Prizes will be awarded for contests at each hole. Refreshments will be served as you golf and of course don't forget about those great pork chops! Hope many of you can attend.

We are planning a joint meeting with AIPG on September 27. Dr. Robert Vincent, a professor in the Geology Dept. at Bowling Green State University, will be presenting a talk relating to GIS and remote sensing. It will be a luncheon meeting with more details to follow in the September newsletter.

We are in the process of searching for speakers and setting up meeting dates. If anyone has any ideas or suggestions for future speakers contact an officer. Remember to check our website at <http://www.ohgeosoc.org/> for our upcoming dates!

Sincerely,
Nicole Venteris
President, OGS

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



THE OHIO
GEOLOGICAL SOCIETY

2005 Ohio Geological Society Golf Outing

18 Hole Golf Scramble
Thursday, August 18th, 2005 – 1 PM Shotgun
Chapel Hill Golf Course
Mount Vernon, Ohio

\$50.00 per person
(includes greens fees, cart, refreshments, dinner, and prizes)

Come one, come all! Spouses, friends, co-workers, students are encouraged!
Sign up even if you are not a part of a foursome, we'll fix you up with a group to play with.

Please be at the course no later than 12:30 pm!

Make your check payable to: The Ohio Geological Society. Fill out the reservation form enclosed and mail with your payment to:

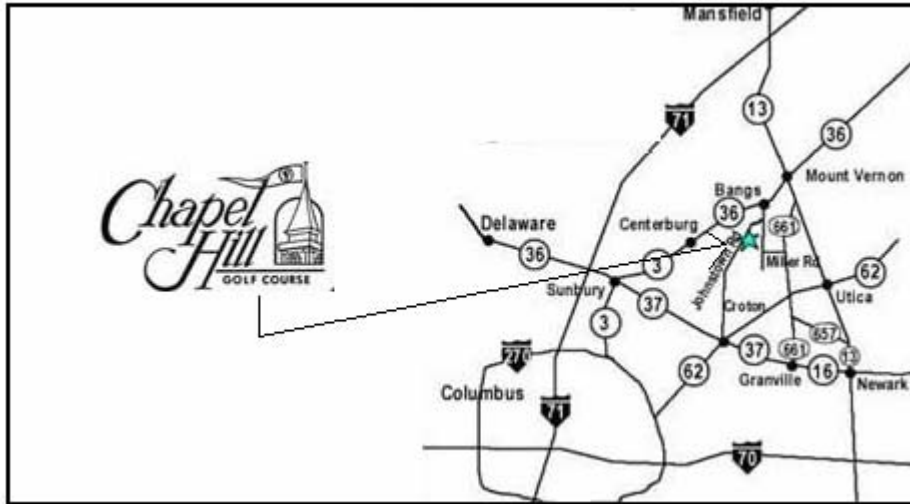
The Ohio Geological Society
PO Box 14304
Columbus, OH 43214-0304

Sponsors Welcome! Contact Don Jennings at 740-788-8836 or seismic@sprynet.com.

See you at Chapel Hill Golf Course on August 18th! For specific driving directions visit
www.chapelhillgolfcourse.com



2005 Ohio Geological Society Golf Outing



www.chapelhillgolfcourse.com

RESERVATION FORM

I plan to attend the 2005 OGS Golf Outing to be held at Chapel Hill Golf Course on **Thursday, August 18th, 2005**. Sign up in a foursome or individually (we'll put you on a team).

NAME: _____

NAME: _____

NAME: _____

NAME: _____

I have enclosed my check, made payable to: **The Ohio Geological Society**, for \$50.00 per golfer.

My check is in the amount of \$_____.

Please mail the reservation form with your payment to:

The Ohio Geological Society
PO Box 14304
Columbus, OH 43214-0304

OGS TO AUCTION FRAMED 1909 GEOLOGIC MAP OF OHIO AT OOGA SUMMER MEETING!

The Ohio Geological Society recently founded a grant to support MS & PhD research projects relating to Ohio geology. OGS founded this grant through an established and effective program funded by the AAPG Foundation, Grants in Aid program. The Ohio Geological Society named grant is funded for an annual \$500 award in perpetuity. Now, as we all know, \$500 doesn't go that far, so the Society has committed to an ongoing fundraising effort. As a part of that effort, MacKenzie Land & Exploration has offered to donate an original, unfolded, classically framed 1909 (Bownocker) Geologic Map of Ohio to be auctioned at the OOGA Summer Meeting, August 1 and 2, at the EagleSticks Golf Club, Zanesville. All funds collected will go toward this grant. Please consider placing a bid at the meeting. Not only will you help fund an important scholarship but you may also be the new owner of this fine piece of artwork. For more information, please contact Pete MacKenzie at 614-785-1682, petemackex.com.

RECRUITMENT NOTICE ECONOMIC GEOLOGY MANAGER POSITION

Position: Geologist Manager (Scientist Manager I), Position #412

Location: Charlottesville, VA

Starting Salary: \$ 45,000 - \$ 63,000

The Virginia Department of Mines, Minerals and Energy is accepting applications for the position of Manager, Economic Geology section within the Division of Mineral Resources. In collaboration with the State Geologist, and other management team members, the applicant selected will lead a team of economic geologists and support staff, plan, supervise, and participate in research and the collection and interpretation of data, and promote wise and safe utilization of mineral and energy resources within the Commonwealth of Virginia. Duties include: assisting other state and local government agencies and the private sector by providing current, useful, and readily available information on the Commonwealth's mineral and energy resources.

To Qualify: Must have significant management and supervisory experience and demonstrate strong organizational leadership abilities, with excellent oral and written communication skills. Must have experience in geologic mapping and/or mineral exploration in a geologic terrain equivalent to at least one of Virginia's geologic provinces. Broad knowledge of geology (particularly economic geology); groundwater geology; geologic hazards; remote sensing; and modern approaches to developing geologic spatial information systems. Ability to organize, implement and manage an economic resource (fuels and non-fuels) program that gathers and interprets field data, and utilizes GIS, computer graphics, and computer database technologies in preparation of reports and publications. Ability to work independently and as a team member. Ability to stoop, crawl, bend, walk for long distances over rough terrain in physically demanding field conditions or underground workings while carrying up to 30 pounds. An advanced degree in geological sciences from an accredited college or university preferred or equivalent training and experience. The ability to work without close supervision in making sound technical decisions and a valid drivers license with excellent driving record are required.

To Apply: Submit a completed State of Virginia Application for Employment form (#10-012), <<http://mme.state.va.us/StateApplication.doc>> indicating position number on application and send to:

Department of Mines, Minerals and Energy, Human Resources Office
202 North 9th Street, 8th Floor
Richmond, VA 23219

Telephone: (804) 692-3215; TTY/TTD: (800) 828-1120; FAX: (804) 692-3237
ALL APPLICATIONS MUST BE RECEIVED BY: Friday, August 26

POSITION ANNOUNCEMENT

POSITION: Coal Section Head (full-time state-funded appointment)

The Illinois State Geological Survey (ISGS), a division of the Illinois Department of Natural Resources, is a premier state geological survey serving the needs of Illinois by providing geoscience information relevant to the State's environmental quality, economic vitality and public safety. The ISGS is located on the campus of the University of Illinois in Champaign-Urbana, a cultural and educational center that is ranked as one of the top ten "high tech" cities in the US. The area provides an attractive combination of small-city convenience and quality of life with ready access to world-class laboratory and academic facilities, Big Ten athletic events and internationally acclaimed cultural opportunities.

BRIEF DESCRIPTION: Overall management of the Coal Section. Direct research and service activities performed by Coal Section staff; develop innovative research beneficial to the coal industry and related coalbed methane extraction by oil and gas operators; support Illinois' bid for FutureGen; develop proposals to seek external financial support; conduct research based on expertise and interests; represent interests of Coal Section within the Survey and represent the Survey at external functions; administer budget, personnel, publications, technology, space, equipment and other resources of the Coal Section.

QUALIFICATIONS: Master's degree in geology or related field with 12 years of experience in coal geology including mining, coal quality, coalbed methane, resource and reserve assessments, and stratigraphy of coal-bearing intervals, or Ph.D. in geology with 8 years experience as above. Also requires basic understanding of the economics of coal resources; ability to attract funding; experience in the application of computer technology to geologic problems; and ability to effectively communicate scientific information. Some knowledge of coal preparation/cleaning/use, coal combustion processes, coal combustion by-product handling and utilization helpful; coal-related CO₂ sequestration preferred. Strong interest in public-government service.

STARTING SALARY: \$65,000 - \$75,000 (depending on qualifications)

BENEFITS: Generous vacation, sick, and personal leave with 12 paid holidays. State Universities Retirement System. State-sponsored group health, dental, vision and life insurance. University faculty/staff privileges.

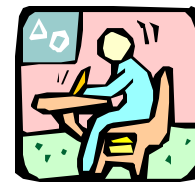
CLOSING DATE: September 15, 2005

APPLICATION: For required application form, please contact:

Human Resources
Illinois State Geological Survey
615 East Peabody Drive
Champaign IL 61820
217-244-2401 (phone) 217-244-7004 (fax)
walston@isgs.uiuc.edu
www.isgs.uiuc.edu

Applicants should note that this position is exempt from the State Personnel Code and is under the Board of Natural Resources and Conservation (BNRC) and follows BNRC policies and procedures. This is not a bargaining unit position or a merit comp position. The Illinois State Geological Survey does not discriminate on the basis of race, color, sex, national origin, age, or handicap in admission to or treatment of employment in programs or activities in compliance with the Illinois Human Rights Act, the Illinois Constitution, Title VII of the 1964 Civil Rights Act, Section 504 of the Rehabilitation Act of 1973, as amended, and the U.S. Constitution.

AN AAPG SHORT COURSE!



Well Log Analysis

Location: Morgantown, West Virginia
Date: September 17-18, 2005, with AAPG Eastern Section Meeting
Tuition: \$100, includes course notes and refreshments
CEU: 1.5 CEU

Who Should Attend

Geologists, engineers, geophysicists, and other professionals with a need to understand the responses of common logging measurements to subsurface conditions, and become familiar with basic openhole well log interpretation techniques.

Objectives and Content

- Offers a "hands-on" approach to basic openhole well log analysis and interpretation.
- Focuses on the traditional interpretation targets of lithology, porosity, and fluid saturation.
- Introduces a variety of interpretation techniques: computational to visual (pattern recognition), and the use of some older techniques in the context of the availability of newer, more extensive, data.

This course addresses logging measurements which are grouped by their interpretation goals, rather than by their measurement physics. The common measurements are described in sufficient detail for an understanding of their response to subsurface conditions (borehole and formation). Exercises using data from a variety of locations and environments reinforce the covered interpretation techniques. Both algorithmic and graphical pattern recognition techniques are covered, as are techniques which use multiple measurements in concert.

The course strives to provide a strong and coherent foundation for the understanding of other, specialized interpretation techniques involving well log data, which are not covered here...

Topics include:

- An overview of petrophysical well log data acquisition
- Description of correlation/lithology, porosity, and resistivity logs
- Determination of lithology, porosity, and fluid saturation from logs
- Interpretive techniques using logs individually and in combination
- Interpretation exercises to reinforce the interpretation methods discussed

Instructor: Daniel A. Krygowski, with ChevronTexaco in Houston, Texas, was formerly a petrophysicist with Landmark Graphics, where he was involved with petrophysical and user interface development in a number of software products, primarily PetroWorks. He previously held a variety of technical and management positions in petrophysics and software development at ARCO and Cities Service Company. He holds M.S. and Ph.D. degrees in geophysics from the Colorado School of Mines.

Registration Form

Name _____ Nickname for Name Tag _____ Male Female

Company _____ Business Phone (AC) _____

Address _____ AAPG Membership Number _____

City _____ State _____ Postal Code _____

Country _____ Also member of: SEG SPE SEPM

E-mail Address _____ FAX Number _____

Professional Specialty _____ Years Experience _____ College Major _____ Highest Degree _____

Registering For: (write in course title and date) _____

Payment Information: Check enclosed

Credit Card: Master Card VISA American Express Discover Card Diners Club

Card Account Number: _____ Card Expiration Date _____

Printed Name of Card Holder _____ Authorized Signature _____

Charge full tuition Charge \$50 deposit only

All credit card charges will be processed in U.S. dollars only. All checks must be made PAYABLE TO AAPG IN U.S. DOLLARS AND DRAWN ON A U.S. BANK. Checks made to the Education Department should be written to the AAPG EDUCATION DEPARTMENT.

Registration Policy: Mail completed form with full tuition to the AAPG Education Department. **Full tuition is due 4 weeks prior to commencement of course.**

Cancellation Policy: AAPG will refund the tuition, less a \$50 processing fee, if request is received no later than 4 weeks prior to the course (6 weeks on international courses). Cancellation must be made in writing: the registrar will accept cancellation notices by telephone, but all such notices must be followed up by mail, FAX or e-mail. **No refund will be made for cancellations received less than 4 weeks prior to a course being given (6 weeks on international courses).** Nonpayment of tuition does not constitute automatic cancellation. **If no cancellation notice is received by 4 weeks prior to course (6 weeks on international courses), participant is liable for full tuition.** AAPG reserves the right to cancel a course if enrollment is insufficient to ensure proper effectiveness. Substitutions for individuals can be made at any time.

Complete and return this form with tuition to:

AAPG Education Department Phone: (918) 560-2650
P.O. Box 979 Toll-free in U.S.: 1-888-338-3387
Tulsa, Oklahoma 74101-0979 FAX: (918) 560-2678

AAPG NON-ENDORSEMENT POLICY

The American Association of Petroleum Geologists (AAPG) does not endorse or recommend any products and services that may be cited, used, or discussed in AAPG publications or in presentations at events associated with AAPG.

Call for Nominations

Earth Science Teacher Award

It is time to start thinking again about the AAPG's annual award of \$5,000 to be given to a K-12 teacher for Excellence in the Teaching of Natural Resources in the Earth Sciences. The award to be determined in 2005 will be given at the 2006 Annual Meeting in Houston and again will be sponsored by the AAPG Foundation. The National award includes \$2,500 to the teacher's school for the winning teacher's use and \$2,500 for the teacher's personal use. In addition, the winner will receive an expense-paid trip to the Annual Meeting.

It is an opportunity to offer something of significant appeal to teachers in your area, to get some interaction going, and to give local recognition to a teacher.

Requirements:

1. Minimum of three years full-time teaching experience at any level K-12.
2. Teaching at least one unit per year on natural resources. Natural resources are defined as Earth materials used by civilization past and present such as:
 - a. Organic materials such as petroleum, natural gas, coal and oil shale.
 - b. Inorganic substances found in the Earth such as mineral ores, building stone and aggregate.
 - c. Energy resources from the Earth such as geothermal energy.
3. Teaching should include the scientific study of these resources, their origin, discovery, extraction and historical and present use. It should also include the preservation of the environment, reclamation and the conservation of resources, and the use of earth science knowledge in decision making.
4. Entries will include the teacher's philosophy and methods of the teaching of natural resources (both content and pedagogy), a description of the unit and two letters of recommendation -- one from a colleague and one from an administrator.
5. Unit will be evaluated on depth and breadth of concepts (resource origin, discovery, processing, usage and reclamation), creativity of presentation and balanced treatment of information regarding societal need and environmental issues. Please include the length of the unit.

Further information and entry forms can be obtained from AAPG's website:

http://foundation.aapg.org/tchr_of_year_award/requirements.cfm

Membership in AAPG is not required for entry.

Applications must first be reviewed by the Eastern Section of AAPG, which will forward the Eastern Section awardee to Tulsa for consideration for the national award. Submittal deadline to the Eastern Section is **October 1, 2005**.

For more information, contact Steve Zody (330) 262-4323 or zodyoil@ssnet.com.

CALENDAR

Information available for OGS meetings at: www.ohgeosoc.org
or contact Don Jennings at seismic@sprynet.com, 740-788-8836.

- August 1-2 OOGA Annual Summer Meeting, Eagle Sticks Golf Club, Zanesville, OH.
<http://www.ooga.org/> or 740-587-0444.
- August 18 OGS Golf Outing. Chapel Hill Golf Course, Mt. Vernon, OH.
- September 11-14 TSOP 2005 Meeting, Brown Hotel, Louisville, KY. <http://igs.indiana.edu/tsop2005>
or 859-257-0261.
- September 17-18 AAPG Short Course - Well Log Analysis, Radisson Waterfront Hotel and
Conference Center, Morgantown, WV.
<http://www.wvgs.wvnet.edu/www/esaapg05/workshops.html> or 918-560-2650.
- September 18-20 AAPG Eastern Section 2005 Meeting, Radisson Waterfront Hotel and Conference
Center, Morgantown, WV. www.wvgs.wvnet.edu/www/esaapg05/index.html
- September 27 OGS/AIPG Luncheon Meeting.
- October 19 OOGA Fall Golf Outing, Salt Fork Resort and Conference Center, Cambridge, OH.
<http://www.ooga.org/> or 740-587-0444.
- October 20 OOGA Fall Technical Conference, Salt Fork Resort and Conference Center,
Cambridge, OH. <http://www.ooga.org/> or 740-587-0444.

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