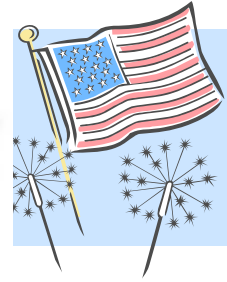




THE OHIO GEOLOGICAL SOCIETY



The Newsletter of the Ohio Geological Society

July 2009

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

2009-2010 Officers

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The Good and the Bad

There is a great opportunity coming up this September that you can not pass up. The Society has worked with PTTC to bring Richard Green to Columbus to teach his *Reservoir Engineering for Petroleum Geologists* course. This 2-day course is available to our members at a highly discounted price. Please mark your calendars for a trip to the Easton Hilton on September 1 and 2. See attachment for details.

Remember to mark your calendars for August 1! Ohio's Seneca Caverns have been open to the public since 1933. The guided walking tour leads you through 7 different rooms as deep as 110 ft. below the surface! The caverns are owned by one of our own members, Richard Bell, who will be personally leading us on the tour of the caverns that day. This tour, although geologically-oriented, is a great opportunity to bring friends and family along to see the wonders that geology has to offer. Please check your calendars and RSVP to Steve Zody.

The Society was recently informed of the Ohio Department of Natural Resources' plan to cut all state funding to the Division of Geological Survey starting in Fiscal year 2011. Aside from my personal connection to the Survey, this news strikes a blow to the relationship both groups have shared over the years. The Survey, especially Chief Larry Wickstrom, has been a strong supporter of the Society and I hope that it is allowed to continue. In a few days we will find out what the future has in store for the Survey, and I can only hope that the powers that be decide not to cut Ohio's source of geologic information from the public.

In light of the current situation that the Ohio Geological Survey finds itself in, Ohio- AIPG has initiated a Joint Committee on Government Affairs and has asked us to co-chair the group. This committee will concentrate on promoting the impact geology has on our daily lives to our government officials. If you are interested on serving on this committee, please contact me and I can give you more details.

Chris Gordon

OGS/MBGS/AIPG

Field Trip

Saturday, August 1st

2:00 pm

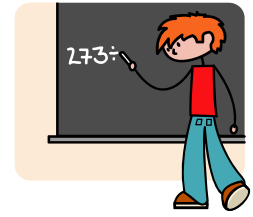
Seneca Caverns
15248 East Thompson, TR178
Bellevue, OH 44811

<http://www.senecacavernsohio.com/>

Please RSVP to Steve Zody at
zodyoil@sssnet.com or 330-262-4323



(Jeff A. Spencer collection)



Mark Your Calendar!

OGS/PTTC Workshop

September 1-2, 2009

Reservoir Engineering for Petroleum Geologists

Richard G. Green

Hilton Columbus at Easton
3900 Chagrin Drive
Columbus, OH 43219

<http://www.hiltoncolumbus.com/>

See attachment for details



THE OHIO
GEOLOGICAL SOCIETY

2009 Ohio Geological Society Golf Outing

18 Hole Golf Scramble
Thursday, September 17th, 2009 – 1 PM Shotgun
Chapel Hill Golf Course
Mount Vernon, Ohio

Come one, come all! Spouses, friends, co-workers, students.....sign up even if you are not part of a foursome, we'll put you on a team!

Early Bird Registration (**before September 3rd**) - \$50

Registration (after September 3rd) - \$65

Includes cart, green fees, skill prizes, beverages, dinner, and door prizes!

Dinner only (before September 3rd) - \$15

Dinner only (after September 3rd) - \$20

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

Hole Sponsor – \$100
Contact Alison Nutter at 740-788-8836 or seismic@sprynet.com

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

See you at Chapel Hill Golf Course on September 17th! For specific driving directions visit www.chapelhillgolfcourse.com



Announcement

Chris Perry Joins the Ohio Department of Natural Resources, Division of Geological Survey

The Ohio Department of Natural Resources, Division of Geological Survey is pleased to announce that Christopher Perry has been hired as supervisor of the Energy Resources Group. Chris has over twenty years of professional geological experience, starting his career as a geologist in the Illinois Basin working for UNOCAL. Chris then worked in various roles for Battelle Memorial Institute involving characterizing the geologic and hydrogeologic attributes of sites and integrating this work into detailed conceptual and numerical models.

Originally from the Cleveland, Ohio area, Chris attended St. Ignatius High School and John Carroll University. After obtaining his B.S. degree in geology from Cleveland State University in 1980, Chris attended Purdue University in Indiana and earned his M.S. degree in Engineering Geology. He later received a Masters in Business Administration from the Ohio State University (1993).

In his position at the Ohio Geological Survey, Chris will provide oversight on subsurface investigations, in particular stratigraphic relationships and characterization of coal-bearing strata and petroleum source rock, reservoirs, and seals. He will provide senior review of projects and programs, such as hazardous waste injection permit applications, geologic CO₂ sequestration initiatives, and enhanced oil recovery research. Mr. Perry may be contacted at: (614) 265-6584 or chris.perry@dnr.state.oh.us

Assistant or Associate Research Hydrogeologist

DEPARTMENT: MBMG

Closing Date: Applications received by July 6th will be given priority,
but applications will be accepted until filled

Employment Detail: Permanent, Full-Time

Primary Duties

Successful candidates will be based in Butte, Montana. Individuals will be Assistant or Associate Research Hydrogeologists in groundwater investigations conducted by the Bureau on issues across the State as part of the Ground Water Investigation Program. The research will include field- and laboratory-scale investigations including well installation and aquifer testing, groundwater flow and chemistry modeling, and publication of results and interpretations. Successful candidates will be expected to assist in developing projects with the PI and GWIP Steering Committee, develop timelines and satisfactorily complete projects accordingly, publish research results as author or co-author, and make presentations at public and scientific meetings; they will likely work on more than one project on a regular basis; routinely supervise technicians and possibly students; assist in contracting, budget and time management, as well as working for other principle investigators within the GWIP and other programs with the MBMG. The Program must meet rigorous deadlines and the persons in these positions will assist in the on-time completion of their investigation including the final report or publication.

Knowledge, Skills & Education Required

A Masters degree in hydrogeology, geology, or related field and a minimum of 3 years experience (or a Ph.D. in hydrogeology, geology, or related field) for the Assistant level; a Master's degree in hydrogeology or geology and a minimum of 8 years experience (or a Ph.D. in hydrogeology, geology, or related field and 5 years experience) for the Associate level. Experience developing and publishing results of projects and programs related to hydrogeology demonstrated by completed publications and reports. The applicant must demonstrate, through written reports and documented experience, firsthand experience with water well drilling, well construction, and aquifer testing; ground water and surface water-quality sampling and interpretation; and groundwater—surface-water interaction measurements, including detailed water balance measurements and calculations, at the basin and sub-basin scale. The successful candidate must demonstrate experience conducting short-term (1 to 3 years) investigation projects focused on the impact of ground-water development. Successful candidates must be physically and mentally capable of safely working alone in isolated areas. A candidate may be required to provide official academic transcripts and /or and example of writing (authored report or thesis).

Preferred Education & Experience

Groundwater flow or geochemical modeling demonstrated by detailed reports or publications describing the models. Documented experience with supervision of professionals.

To apply, please submit the following items:

- Cover letter which specifically addresses the above-mentioned qualifications
- Detailed resume including a list of relevant publications and reports
- Name and contact information for 3 professional references
- Authorization for Criminal Background Investigation

The items listed above should be sent to:

Montana Tech Personnel Office
1300 West Park Street
Butte, MT 59701
Phone: 406-496-4380
Fax: 406-496-4387
e-mail: cisakson@mtech.edu

Any offer of employment is contingent upon a satisfactory criminal background check. An authorization for a criminal background check form must be submitted with application material www.mtech.edu/employment

As an Equal Employment Opportunity/Affirmative Action Employer, We Encourage Applications from Vietnam Era Veterans, Disabled Individuals, Minorities, and Women.

Associate or Senior Research Hydrogeologist

DEPARTMENT: MBMG
Closing Date: Applications received by July 6th will be given priority,
but applications will be accepted until filled
Employment Detail: Permanent, Full-Time

Primary Duties

Successful candidates will be based in Butte, Montana. Individuals will be Principal Investigators, leading groundwater investigations conducted by the Bureau on issues across the State as part of the Ground Water Investigation Program. The research will include field- and laboratory-scale investigations, groundwater flow and chemistry modeling, and publication of results and interpretations. Successful candidates will be expected to develop projects with the GWIP Steering Committee, develop timelines and satisfactorily complete projects accordingly, publish research results, and make presentations at public and scientific meetings; they will likely supervise more than one project on a regular basis; routinely supervise a team comprised of several professionals, technicians, and possibly students; be responsible for contracting, budget and time management, as well as coordinating with other principle investigators within the GWIP as well as other programs with the MBMG. The persons in these positions are ultimately responsible for the on-time completion of their investigation, including the final report or publication; rigorous deadlines must be met.

Knowledge, Skills & Education Required

A Master's degree in hydrogeology, geology, or closely related degree and a minimum of 8 years experience (or a Ph.D. in hydrogeology, geology, or related field and 5 years experience) for the Associate level; a Master's degree in hydrogeology, geology, or closely related degree and a minimum of 13 years experience (or a Ph.D. in hydrogeology, geology, or related field and 10 years experience) for the Senior level. Experience developing, managing professionals, and publishing results of projects and programs related to hydrogeology demonstrated by completed publications and reports. The applicant must demonstrate, through written reports and documented experience, firsthand knowledge of water well drilling and aquifer testing, groundwater- and surface water-quality sampling and interpretation, and groundwater/surface-water interaction measurements, including detailed water balance measurements and calculations, at the basin and sub-basin scale. The successful candidate must demonstrate experience in supervision of other professionals and management of short-term (1 to 3 years) investigation projects focused on the impact of groundwater development. Successful candidates must be physically and mentally capable of safely working alone in isolated areas. A candidate may be required to provide official academic transcripts and /or an example of writing (authored report or thesis).

Preferred Education & Experience

Groundwater flow or geochemical modeling; published results of projects and programs related to hydrogeology in Montana.

To apply, please submit the following items:

- Cover letter which specifically addresses the above-mentioned qualifications
- Detailed resume including a list of relevant publications and reports
- Name and contact information for 3 professional references
- Authorization for Criminal Background Investigation

The items listed above should be sent to:

Montana Tech Personnel Office
1300 West Park Street
Butte, MT 59701
Phone: 406-496-4380
Fax: 406-496-4387
e-mail: cisakson@mtech.edu

Any offer of employment is contingent upon a satisfactory criminal background check. An authorization for a criminal background check form must be submitted with application material www.mtech.edu/employment

As an Equal Employment Opportunity/Affirmative Action Employer, We Encourage Applications from Vietnam Era Veterans, Disabled Individuals, Minorities, and Women.

CALENDAR

Information available for OGS meetings at: www.ohgeosoc.org or contact Steve Zody at zodyoil@sssnet.com, 330-262-4323.

- July 23 AIPG-Ohio Meeting – “Ohio Coal and Energy Mix” – Mike Puskarich. LaScala Italian Bistro, Dublin, OH. <http://www.aipg-ohio.org/>
- July 28 PTTC/IC White Memorial Symposium Workshop – “Applied Reservoir Geology for Engineers” - Dr. Ken Wolgemuth. Embassy Suites, Pittsburgh, PA. <http://karl.nrcce.wvu.edu/>
- August 1 **OGS/MBGS/AIPG Field trip** - Seneca Caverns, Bellevue, OH. <http://www.senecacavernsohio.com/>
- August 2-4 2009 Annual OOGA Summer Meeting. Sawmill Creek Resort, Sandusky, OH. www.ooga.org
- September 1-2 OGS/PTTC Workshop – *Reservoir Engineering for Petroleum Geologists*, Richard Green. Hilton Columbus at Easton, Columbus, OH.
- September 17 OGS Golf Outing – Chapel Hill Golf Course, Mount Vernon, OH.
- September 20-22 ES-AAPG Annual Meeting – Evansville, IN. www.esaapg2009.org/
- October 16 Fossil Tour of Capitol Square. The Ohio Statehouse, Columbus, OH. www.ohiostatehouse.org
- October 20 2009 OOGA Fall Technical Conference. The University Center at Kent State – Stark Campus. www.ooga.org

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

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

Publications of the Ohio Geological Society On CD-ROM



Publications of the Ohio Geological Society now available as a CD-ROM and online with AAPG/Datapages.

OGS is the newest collection added to the Marketing Partners program in AAPG/Datapages whereby local and regional geological societies list their publication archives in the online literature database for upstream E&P. We now host more than 30 publishers in our program.

All the Archive papers of the OGS are included in CD-ROM format, and available for sale at a regular price of \$120. The CD-ROMs can be purchased at the website:

WWW.AAPG.ORG

All the individual papers also are online for search-and-retrieval at the AAPG/Datapages Combined Publications Archives website. Non-subscribers can access these at our Transactional (pay-per-view) website:

<http://payperview.datapages.com/>



Figure Caption: Grand Lake St. Marys, near Celina, Ohio, may have been the site of the first overwater drilling operation of oil-and-gas wells. Starting in 1891, the drilling of oil-and-gas wells of the Lima-Indiana fields extended into the lake. Over 100 wells had been drilled into the lake by the time the field was abandoned after 1910.

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 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 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 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 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 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).

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.