



Annual Holiday Party

December 20, 2017, 5:00 pm

Hors d'oeuvres • Cash Bar • Dinner

Century House 997 Loudon Road Latham, New York 12110

Member and a guest are <u>free</u> with pre-registration. \$10.00 per person at the door.

Non-member cost \$15.00.

Please RSVP by Monday, December 18th
Register on-line at www.hmpga.org
call or email Marie Cole at (518) 724-7254
marie.cole@obg.com

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PRESIDENT'S MESSAGE

Dear Hudson Mohawk Geologists,

This month's HMPGA gathering will be our Annual Holiday Party, to be held this Wednesday, December 20th at the Century House. Beginning at 5pm, following your Board of Director's Meeting, come and enjoy plenty of food, and a cash bar. This year, we're trying something a little different, with both Hor D'oeurves, and a buffet dinner provided. I hope to see you there.

Thanks to our November speaker, John Nadeau, Legislative Chair for the NYSCPG, who gave an update on the State of Professional Geology in New York. The post-mark deadline for submitting applications for a grandfathered New York State license to practice professional geology passed on November 21st. The next looming deadline is March 1st, when corporations practicing geology are required to have re-incorporated from business or general corporations into professional corporations.

You will hear more in the coming weeks about HMPGA's May 16th meeting of 2018. This event, co-sponsored with NYSCPG, will be a short symposium on New York State's environmental regulations, featuring several senior NYSDEC managers discussing the constantly changing regulatory environment. Hopefully, when the call goes out for volunteers to support this activity, you will respond with your time and energy.

Happy New Year,

~ Kevin

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December 2017

HMPGA PROGRAM DIRECTORS

Being active in HMPGA is a fully volunteer activity that often demands a great deal of attention.

The following members chair this year's committees and we thank them:

Communications/Educational Outreach Joe Osso <u>Joseph.Osso@arcadis.com</u>

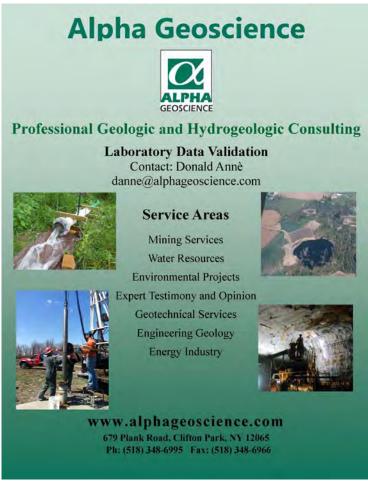
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December 2017

Friends of Shenendehowa Science and Health

F.O.S.S.H. Presents



SAVE THE DATE: Friday, April 20, 2018 6:30-9:00 PM Shenendehowa High School East, Clifton Park, NY

Science and Health Discovery Night is an opportunity for students in the Capital Region to explore science, mathematics, engineering, technology and health in their world. This free event is made possible by over 200 community volunteers and draws over 3,000 attendees.

We need your help in order to continue to provide this wonderful experience for the next generation of scientists, engineers and healthcare professionals.

Please consider participating in any or all of the following ways:

Present: a hands-on exhibit that will engage our students.

Donate: a high tech prize (iPod, iPad, Kindle, Nook) or other item for a student raffle. Other items with company logo can be handed out on the night of the event such as t-shirts, bags, pens and pencils.

Sponsor: a monetary donation is always appreciated to help cover the costs of advertising and facilities use. Company name will be listed on event program and event website.

Please mark your calendar and plan to join us for the 2018
Shenendehowa Science & Health Discovery Night!

For more information and details about how you can support this event, please contact us.

Jean Lorch
Academic Administrator, Science 6 – 12
Shenendehowa CSD
(518) 881 – 0310 X 61520
lorcjean@shenet.org

Mr. Phelan's

DECEMBER GEO-CRYPTOCIPHER

CLUE: U = M each letter of the expression is substituted by another letter.

THDOV IML MO XOBBOV WMO WGOOH RS T ATGQOB CS

JTGCRYH VCGOQWCRSH, WMO BYUFOGPTQD HTCV WMTW ITH

SRWMCSZ YSYHYTB. MO ITH TCUCSZ XRG T BRZSRGUTB

VCHWGCFYWCRS.

NOVEMBER'S SOLUTION GEO-CRYPTOCIPHER

PHRENETIC PHELAN SAID "PHOOEY! THIS PHONY PHENOLPHTALEIN DOESN'T TELL ME THE PH OF PHOSPHATES, PHTHALATES, OR PHLOGISTON!"



Ads in the HMPGA Newsletter range from \$100-\$200 annually. For more information contact Joshua Gowan, P.G., Alpha Geoscience, jgowan@alphageoscience.com





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MINERAL OF THE MONTH

Strontianite

Strontianite (strontium carbonate) is mainly found as a low temperature mineral in limestone. May be fluorescent blue under ultraviolet light and even thermoluminescent.

System: Orthorhombic • Appearance: Needle-like crystals generally in bundles or sheaves, colorless or white. Can be found as pink, gray or green. Microgranular, compact or fibrous masses. • Localities: Worldwide • Chemical Composition: SrCO₃ • Hardness: 3.5-4.0

Named in 1791 by Friedrich Gabriel Sulzer after its discovery in Strontian, Scotland. Used in making fireworks (burns a purple/red flame), sugar industry and for special types of glass.







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Another Good Day



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Geologists disprove theory about what stopped the formation of the Midcontinent Rift

December 8, 2017

Geologists have corrected a mix-up that made an ancient geological structure in the central U.S. seem hundreds of miles shorter than it really is. The Midcontinent Rift, which started but failed to split North America in two pieces 1.1 billion years ago, is the biggest failed rift ever discovered.

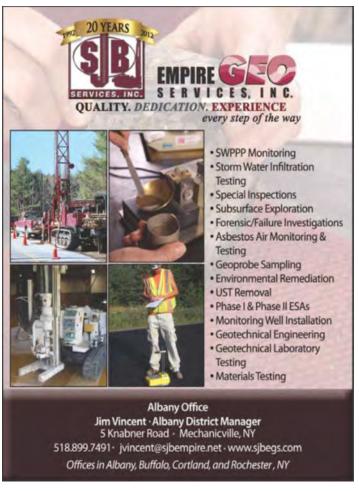
Read more at: https://phys.org/news/2017-12-geologists-theory-formation-midcontinent-rift.html#jCp











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- CORECTN
- ON SITE ANALYTICAL CHEMISTRY
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MATTHEW EDNIE, PROGRAM MANAGER
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November 2017

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Eastern New York (ENY) Chapter of the Air & Waste Management Association (MASS-A&WMA). They encompass the greater Capital District and Hudson Valley region of eastern New York State. A professional non-for-profit association of engineers and scientists working in the environmental field, with a particular focus on issues related to air and waste. www.awmanenychapter.org



The Geological Society of America (GSA) strives to be a leader in advancing the geosciences, while enhancing the professional growth of its members, and promoting the geosciences in the service of humankind. www.geosociety.org



The New York State Museum is a major research and educational institution. It is dedicated to promoting inquiry and advancing knowledge in the fields of geology, biology, anthropology, and history, through the investigation of material evidence germane to New York State's past, present and future. www.nysm.nysed.gov



New York State Council of Professional Geologists (NYSCPG) strives to strengthen and advance the geologic sciences as a profession, promote the protection of public health and welfare and the environment through the professional practice of geologic sciences, and create high standards of ethical conduct among its members and within the profession of geology, as well as the legal standing of geologists and their ability to practice geology in New York State by promoting the licensing of geologists in New York State through statutory regulation. www.nyscpg.org



The Capital District Environmental Breakfast Club is an informal group of environmental professionals that meets monthly to discuss current environmental issues. Each meeting features a speaker on a topic of interest, a regulatory update, and an open forum. Meetings are held on the first Friday of each month except July and August. The Environmental Breakfast Club meets at the Holiday Inn Turf on Wolf Road in Colonie, New York. Meetings start at 7:30 am. The cost is \$15 per person, which includes a full breakfast buffet. www.youngsommer.com



Buffalo Association of Professional Geologists (BAPG) conducts regular membership meetings on the third Wednesday of the month, January through June and September through November. Meetings feature distinguished speakers and interesting topics. Field trips and technical seminars sponsored by the BAPG encourage the exchange of scholarship and expertise. www.bapg.org



Central NY Association of Professional Geologists (CNYAPG) conducts regular meetings on the second Thursday of each month, unless otherwise posted, from September to May. Meetings feature dinner and distinguished speakers whose presentations invite comment and discussion. **www.cnyapg.org**



Long Island Association of Professional Geologists (LIAPG) is a not-for-profit professional organization dedicated to the professional and business needs of geologists located in the Long Island / Metro New York area. www.lipg.org



HMPGA P.O. Box 5506 Albany, NY 12205-0506

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