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UPCOMING EVENTS!

GSA North-Central Section

**49th Annual Meeting
Madison, Wisconsin
19 & 20 May 2015**

The Central NAGT section will pay the cost of the section NAGT business luncheon to K-14 professionals (members and non-members) who a) cannot afford the cost themselves, and b) make a presentation on any topic at the NC GSA conference that year. Application forms are at the end of this newsletter.

**Education and Outreach Themed
Sessions**

Theme Sessions:

**T19. Teaching and Learning Earth
Science: K-16 Educational Pedagogy.
Wednesday, May 20, 8-10:05 am
Hall of Ideas H, Monona Terrace
Convention Center**

Katie Lewandowski, Eastern Illinois Univ., kjlewandowski@eiu.edu; C. Renee Rohs Sparks, Northwest Missouri State Univ. This theme session encourages abstract submissions from K-16 educators who would like to share insights into teaching and or learning of earth-science content. The goal for this session is to attract presentations showcasing a myriad of activities using diverse instructional strategies in the classroom, lab, and field. As educators, many of us search for interesting and effective activities that will help our students to learn better and more efficiently. We also welcome abstracts from researchers offering insights into cognition and processing of earth-science information that will help us to teach more effectively.

**T20. Geology in the Classroom and the
Community: Reaching a Broader
Audience.**

**Wednesday, May 20, 10:15am-12pm
Hall of Ideas H, Monona Terrace
Convention Center**

Mike Phillips, Illinois Valley Community College, mike_phillips@ivcc.edu. Geologists appreciate the need to reach a broad audience in order to address community needs, such as hazard avoidance, resource identification and extraction, and proper land-use planning. However, as scientists, we are often torn between the need to provide an

important perspective and the risk of becoming mired in unwanted controversy. This session will be a broad exploration of geoscience from inquiry through practice and will include discussions application through education, community outreach, and work with policy makers.

**T22. Thinking Outside the Display Case:
Innovative Geological Outreach at
Museums, Parks, and Surveys.
Tuesday, May 19, 1:30-5:30pm
Hall of Ideas I, Monona Terrace
Convention Center**

Joanne Kluessendorf, Weis Earth Science Museum, joanne.kluessendorfuwc.edu; M. Carol McCartney, Wisconsin Geological & Natural History Survey.

This session highlights innovative geological outreach at museums, parks, and surveys that extends beyond the classroom and standard exhibits. Topics could include targeting underserved audiences, using novel approaches to school field trips, creating demonstrations and activities to explain concepts and principles, and engaging the adult public in new ways.

Central Section NAGT Luncheon:

We will meet for lunch from 12-1:30pm on Tuesday, May 19 at Paisan's Italian Restaurant. The address is 131 W. Wilson, Madison, WI. If you plan on coming, please e-mail Katie Lewandowski (kjlewandowski@eiu.edu). If you decide at the last minute that's ok, too. We'll probably have room. We discuss what's up for the future and your input is always welcome.

**Central Section NAGT:
Call for Service**

Please consider serving as an officer or state representative. We need 1st and 2nd Vice Presidents to serve beginning this spring. First VP will become President the next year. Second VP becomes 1st VP the next year and then President in the 3rd year. We need more people involved. In addition, if you would be interested in taking over the responsibilities of Secretary (3 year term), please let me know (kjlewandowski@eiu.edu). I would be happy to discuss the responsibilities, etc. with anyone interested. I will step down from this role in the spring of 2016.

Mastodont Dig in Your Classroom!

Need a new idea for your geology lab or class? Want to have your students do real science? Then you need to take advantage of the Aurora Mastodont Project-Matrix Analysis Project. We will send to you enough sample free (you pay postage when you return it) to have your entire class process screenwash from the 2004 Mastodont dig. After sorting through the screenwash additional paleoenvironmental interpretations can be included as part of the lab. For more information, contact David Voorhees, dvoorhees@waubonsee.edu or go to <http://www.waubonsee.edu/faculty/dvoorhees/MastodontMatrix/index.html>

Workshop on Climate Change and Sustainability at Northwestern University

Summer mini-RET (research experience for teachers) workshop at Northwestern University focusing on Climate Change & Sustainability (4th annual) on August 3 & 4. The workshop is sponsored by the Northwestern University Office of STEM Education programs (OSEP). The format of the workshop offers instructors a unique opportunity to learn from some of the leading CC & Sustainability researchers, tour their research labs, and then engage with them in developing curriculum. For more information and to register visit the NWU OSEP website: <http://osep.northwestern.edu/projects/istarnu> or contact workshop facilitator Aida Awad at aawad@maine207.org.

NAGT: New Memberships or Renewals

New or renewing members may find the application form at: <http://nagt.org/nagt/membership/index.html>

ANNOUNCING Dorothy LaLonde Stout NAGT PROFESSIONAL DEVELOPMENT GRANTS



In honor of Dottie Stout's outstanding work and lifelong dedication to Earth Science Education, NAGT will award three grants in support of the following activities:

- Participation in Earth science classes or workshops
- Attendance at professional scientific or science education meetings
- Participation in Earth science field trips
- Purchase of Earth science materials for classroom use

One grant of \$500 will be awarded to a Community College Faculty

One grant of \$500 will be awarded to a Community College Student

One grant of \$500 will be awarded to a K-12 Educator

Eligibility: Community College Faculty and K-12 teachers who teach one or more Earth science courses and Community College students actively pursuing a career in the Earth sciences are encouraged to apply for these awards.

Application Process: Interested applicants are asked to submit a 1-2 page proposal describing how the grant will be used to support their professional growth in, or classroom teaching of Earth science. The application may be found at <http://nagt.org/nagt/programs/stout.html>

Applications must be received by April 1 with awards being made by April 15th.

Nominate an Outstanding Earth Science Teacher!



Sponsored by the National Association of Geoscience Teachers (NAGT), the Outstanding Earth Science Teacher (OEST) Awards are for "exceptional contributions to the stimulation of interest in the Earth Sciences at the pre-college level." Any teacher or other K-12 educator who covers a significant amount of earth science content with their students is eligible. Ten national finalists are selected, one from each NAGT regional section and many state winners are recognized too. Individuals may apply themselves or nominate a colleague for the award.

Nominate online at:

<http://nagt.org/nagt/awards/oest.html>

Read bios of inspirational OEST winners and nominate someone you know before May 1st:

<http://nagt.org/nagt/awards/oest/2014.html>

Central Section NAGT Business Meeting Fee Application

(available to K-14 professionals)



The North-Central NAGT section may pay the cost of the section NAGT business luncheon to K-14 professionals (NAGT members and non-members) who

- a) cannot afford the cost themselves, and
- b) make a presentation on any topic at the NC GSA conference that year.

Name (*please print*) _____

Mailing Address _____

City _____ State/Province _____ Zip/Postal Code _____ Country _____

Phone (____) _____ Fax (____) _____ E-mail _____

Check one: ☐ College Faculty at _____

☐ Teacher at _____

☐ Other at _____

Date of North-Central GSA meeting: _____

Name of presentation at meeting: _____

Description of presentation: _____

Mail to:

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