



National Association of Geoscience Teachers

Central Section Newsletter

<http://www.nagt.org/nagt/organization/central/index.html>

Spring 2007

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Central Section States

(in rotation order for next

2nd Vice President)
2006 Michigan
2007 Indiana
2008 Wisconsin
2009 Kentucky
2010 Minnesota
2011 Iowa
2012 Ohio
2013 Illinois

UPCOMING EVENT!

Central Section NAGT Activities

North-Central GSA Meeting
Lawrence, Kansas
April 11-13, 2007

Note: This is a three-day meeting!

THEME SESSIONS

Issues in Geoscience Education

Convener: Annabelle Foos,
University of Akron, afoos@uakron.edu

This session will present innovative ideas that promote K-16 geoscience education, in-service teacher training and public outreach.

Poster Session

April 11, 1:40 PM-5:00 PM

http://gsa.confex.com/gsa/2007SC/finalprogram/session_19935.htm

Oral Session

April 12, 1:40 PM-3:00 PM

http://gsa.confex.com/gsa/2007SC/finalprogram/session_18886.htm

Also of interest:

Strategies for Success in Bridging the Gap between Culture, Religion, and Science in the Geoscience Classroom

April 12 8:40 AM-11:00 AM

http://gsa.confex.com/gsa/2007SC/finalprogram/session_18887.htm

BUSINESS MEETING LUNCHEON

Friday, April 13, 2007 12 noon-1 pm,
Cost: \$20

PRESIDENT'S MESSAGE

Last Fall we co-sponsored a very successful Field conference in the Quad Cities Region with the Great Lakes Section of SEPM and Tri-State Field Conference on "*New Perspectives on Paleozoic Epeiric Seas and Carbonate Platforms of the Iowa and Illinois Basins, Rock Island, IL.*" Special Thanks go to **Jed Day** who organized the field conference. There were over 100 registered participants from 12 different university campuses. The field trip included three stops in major operating quarries in the Quad-Cities area and focused on advances in the understanding of the Lower and Middle Paleozoic (Devonian and Silurian) epeiric sea carbonate depositional systems of the Iowa and Illinois basins. The keynote speaker for the conference banquet was **Dr. Dennis Kolata** (Illinois State Geological Survey) who presented an excellent overview of major advances in the understanding of the Middle and Upper Ordovician depositional history and paleoceanography of the epeiric marine system of central and eastern Laurentia. There were two post-conference informal field trips that focused on: the Geology of the Black Hawk State Historic Site, and the Quaternary Geology of the Coal Creek Site-Rock Island County, Illinois. During the welcome reception there was a shuttle bus to and from the conference hotel for tours of the Fryxell Geology Museum on the campus of Augustana College.

(cont. on p. 2 **President's Message**)

(President's Message cont. from p. 1)

Next month at the combined 2007 North Central-GSA and South Central-GSA in Lawrence, KS, April 11-13 we will have one theme session titled "*Issues in Geoscience Education*."

Unfortunately, we had to cancel one theme session and the workshop due to a lack of response. We will start planning for the 2008 NC-GSA meeting in Evansville, Indiana this Spring. If you have any ideas that will help to increase participation in our programs please contact one of the officers.

Annabelle Foos

Fall 2007:

**TRI-STATE FIELD CONFERENCE
River Falls, Wisconsin
October 5-7, 2007**

The geology faculty of the Plant & Earth Science Department at University of Wisconsin-River Falls propose to run the 68th Annual TRI-STATE Field Conference, on October 5-7, 2007 at River Falls, Wisconsin. Our tentative schedule includes a welcoming reception Friday evening, all-day Saturday Field Trip that will include stops observing and discussing Paleozoic bedrock stratigraphy/fossils, Quaternary deposits, hydrologic and structural features in the River Falls area, followed by an evening banquet and featured technical speaker in our newest campus 'green' building - the University Center. The field conference will close with a special look at the Rock Elm Meteorite Impact Structure on Sunday morning.

There is no permanent e-mail list for Tri-State, which includes Wisconsin, Illinois, and Iowa, so we have assembled an incomplete e-mail list of potential attendees. Please forward this e-mail to colleagues (inside or outside of your organization) who may be interested. If we did not address this to you directly, we apologize - no slight is intended! Attendance is not restricted to Tri-State institutions. THANK YOU!

Also, if there is another institution in Wisconsin that was intending to run the Tri-State Field Conference during fall 2007, please have them contact us as soon as possible. Presuming no one else comes forward, we will continue making plans for this, and encourage you to consider joining us in the fall. Please look for further more detailed announcements for this field conference as we move into summer.

Kerry Keen and Mike Middleton, co-coordinators
kerry.l.keen@uwrf.edu (715-425-3729)

**GREAT LAKES SECTION OF SEPM
FALL 2007 ANNUAL FIELD CONFERENCE**
(Date to be announced later)

Greg Nadon will show us much of the Pennsylvanian section in SE Ohio along US routes 33 and 50. The outcrops will include the upper Pottsville, Middle to Upper Allegheny, Conemaugh, and Monongahela Groups. We will examine effects of tectonics, eustasy and climate on marine sequences and fluvial architecture. Interesting new insights will come from detailed studies of paleosol profiles and terrestrial ichnology by Dan Hembree.

**Outstanding Earth Science Teacher
(OEST) Award – Call for Nominations**

I am happy to report we have had a record number of nominations this spring. Nominations are still being accepted through April 30, 2007. I encourage all of you to submit or solicit nominations for the 2007 award. For further information contact me, Sallie Greenberg, at greenberg@isgs.uiuc.edu.

NOW!

**INDIANA MEMBERS
And Their Colleagues**

We are **seeking nominations** for a member who is willing to **serve this Central Section of NAGT for three years** beginning this Spring 2007. This is a great opportunity to help make a difference in geoscience education and to help direct the activities of this organization. We rotate through the 8 states in our region in seeking volunteers so that all the regions are fairly represented. You may nominate yourself or a colleague who is willing to serve. Send your nominations to Janis Treworgy (janis.treworgy@prin.edu).

The first year this person will be 2nd Vice President, second year 1st Vice President, and third year President. Please review the duties outlined on our web page:
<http://www.nagt.org/nagt/organization/central/duties.html>

NEXT YEAR:

NORTH-CENTRAL GSA 2008

Evansville, Indiana
Paul K. Doss, Chair
812-465-7132
Pdoss@usi.edu

Serving Central Section NAGT

Central Section State Representatives

- IL – David Voorhees
- IN – Paul Doss
- IA – Cinzia Cervato and Sherman Lundy
- KY – Fred Siewers
- MI – Chris DeWolf
- MN – Jim Meyers and Kate Pound
- OH – Ron Fabick, Bill Slattery
- WI – Bob Baker and Kerry Keen

We are happy to have two reps per state so if anyone is interested in serving in this capacity for an indefinite term length, please contact Janis Treworgy (janis.treworgy@prin.edu). To contact an officer or rep, see our website: <http://www.nagt.org/nagt/organization/central/contacts.html>

If you are interested in serving the Central Section of NAGT, we welcome your help. There are several different avenues you can serve in:

- (1) You can be an officer
- (2) You can be a state representative
- (3) You can help host a workshop or field trip for K-16 educators when the North-Central GSA meeting is in your area
- (4) You can help staff our booth at the next North-Central GSA meeting

To find out about the duties of each position, go to our website: <http://www.nagt.org/nagt/organization/central/duties.html>

GPS & GIS WORKSHOPS

Have GPS Will Travel Class

Dickson Mounds Museum, Havana, IL
June 12-14, 2007

Experience the ultimate introductory level GPS hands-on workshop for educators. This class is for all grade - 12 educators who wish to learn what GPS is and how to use it as a tool with their students in the classroom. Teachers will learn what GPS is, how to work with a GPS unit, initialize it, program it, collect data, enter data, clear data and how it is used in the real world and why it is important in education. Topics including Geocaching, Confluence and Scavenger Hunts will be covered and experienced in the class. Also what is possible with GPS data will be explored and demonstrated in terms of mapping.

<http://www.gis2gps.com/newclasses/2007classes/2007JuneDMMhavegpswilltravel.htm>

GPS2GIS Adventure

July 16 - 19, 2007

This class is a fast approach to both GIS and GPS for 3 - 12 educators who want a direct approach to using GIS, GPS and its related resources with their students in the classroom. Teachers will learn what GIS and GPS are about, why it is important in education, and ways of implementing this technology into their school curriculum. <http://www.gis2gps.com/newclasses/2007classes/Julygps2gisadventureHavana.htm>

Have GPS Will Travel Class

Dickson Mounds Museum

August 7-9, 2007

Experience the ultimate introductory level GPS hands-on workshop for educators. This class is for all grade 3 - 12 educators who wish to learn what GPS is and how to use it as a tool with their students in the classroom. Teachers will learn what GPS is, how to work with a GPS unit, initialize it, program it, collect data, enter data, clear data and how it is used in the real world and why it is important in education. Topics include Geocaching, Confluence and Scavenger Hunts will be covered and experienced in the class. Also what is possible with GPS data will be explored and demonstrated in terms of mapping. <http://www.gis2gps.com/newclasses/2007classes/2007AugDMMhavegpswilltravel.htm>

If you want to hold one of the above classes at your ROE, TLC or school district, please contact us for more information about these great opportunities for your teachers to learn about these cutting edge technologies.

Contact: team@gis2gps.com; www.gis2gps.com

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NAGT NATIONAL ASSOCIATION OF GEOSCIENCE TEACHERS
Publishers of the **Journal of Geoscience Education**

For \$45 a year, you get:

- 5 issues of the Journal of Geoscience Education
- Membership in the National Association of Geoscience Teachers at both the national and sectional levels
- Discounts on registrations for national and sectional meetings of the Geological Society of America

Membership Application or Renewal Form

Name: _____ Phone: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____ Country: _____ Postal Code: _____

Fax: _____ Email: _____ (email address is required to receive newsletters)

____ College/University Professor @ _____

____ Precollege Teacher @ _____

____ Other @ _____

Checks, MasterCard, or VISA (US funds only) are payable to:
National Association of Geoscience Teachers

Mail to: NAGT, PO Box 5443, Bellingham, WA 98227-5443

☐ Check

☐ Credit card: MC/VISA (circle one) Card #: _____

Signature: _____ Exp. Date: _____

Membership Rates (US funds)

	Domestic	International
Regular	\$45 ____	\$57 ____
Student*	\$20 ____	\$35 ____
K-12 Teacher	\$35 ____	\$47 ____
Retired NAGT member	\$30 ____	\$45 ____
Library Subscriptions	\$135 ____	\$174 ____
	____ New	____ Renewal

The membership year runs from January through December, and members receive five issues of JGE per year. Subscriptions received after June 1 will begin receiving the *Journal* in January of the following year. Back issues are available for \$15 (foreign \$18) each.

*To qualify for student rate, indicate and obtain verification from a NAGT member: ____ Undergraduate ____ Graduate

Signature of NAGT member

School

This form is also available on the NAGT website: <http://www.nagt.org/files/nagt/memform.v2.pdf>



NATIONAL ASSOCIATION OF GEOSCIENCE TEACHERS

OUTSTANDING EARTH SCIENCE TEACHER

Nomination Form

Name of Nominee _____ Years Teaching _____

Home Address (street, city, zip) _____

Telephone (Home) _____ (Work) _____ E-Mail _____

College/University Attended _____

Degrees _____ College Major _____ Minor _____

Annual percentage class time devoted to teaching earth science _____ Grades _____

Name of School _____ Telephone _____

School Address _____

Name and Address of School Superintendent _____

Name and Address of Local Newspaper _____

Respond to the following, using no more than one (1) typewritten page per item. Include supporting documentation in the form of letters, products, or publications as appropriate.

1. Teaching ability: What techniques does the nominee/applicant employ? What is his/her teaching philosophy? Are his/her courses challenging and comprehensive? Do students enjoy his/her classes?
2. Inventiveness: What new ideas, materials, software, instructional strategies, or techniques has the nominee/applicant developed?
3. Initiative: How does the nominee/applicant handle new situations and accommodate students of various abilities? Be specific.
4. Cooperativeness: How does the nominee/applicant cooperate in the total school program and in other academic areas?
5. Strengths: What are the principal strengths of the nominee/applicant?
6. Community involvement: How is the nominee/applicant involved in community and/or youth activities?
7. Other activities: List other professional activities and noteworthy accomplishments.

Name of Recommending Person (Nominator) _____

Address _____ Telephone _____

Nominator's Signature _____

Send all forms, materials, and supporting documentation in one package to:

Sallie Greenberg, OEST Chair of Central Section NAGT
Illinois State Geological Survey
615 East Peabody Drive
Champaign, IL 61820

Please feel free to copy this form for nomination purposes.

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.

Applications must be received by April 1 with awards being made by April 15th. Please include your name, address, telephone, and email along with your proposal and send all materials to:

Dottie Stout Professional Development Grants
The National Association of Geoscience Teachers
P.O. Box 5443
Bellingham, Washington 98227-5443