



National Association of Geoscience Teachers

Central Section Newsletter

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

Fall 2006

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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!

Fall Field Conference September 30, 2006

The GLS-SEPM and Tri-State Field Conferences are being combined as one this coming Fall. Central Section of NAGT will again co-sponsor the field conference. See the announcement and registration form pages 8-11 below.

INDIANA MEMBERS And Their Colleagues

We are still **seeking nominations** for a member who is willing to **serve this Central Section of NAGT for three years** beginning in the Spring 2007. 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 would be 2nd Vice President, the second year 1st Vice President, and the third year President. Please review the duties outlined on our web page: <http://www.nagt.org/nagt/organization/central/duties.html>

FIELD TRIP CO-LEADER NEEDED

A field trip co-leader is needed for an NAGT-sponsored field trip to be held during the Spring 2007 North Central/South Central GSA conference, in Lawrence, Kansas. If you are interested in co-leading a field trip on Pennsylvanian stratigraphy and invertebrate fossils contact Rex Buchanan, Kansas Geological Survey, rex@kgs.ku.edu.

CONGRATULATIONS to our 2006 Winners of the Outstanding Earth Science Teacher (OEST) Awards!

Section Winner: **Aaron Spurr**
State Winner, Iowa: **Aaron Spurr**
State Winner, Minnesota:
Kirk Enzenauer
Honorable Mention:
Peter M. Pitman

See their bios pages 3-4 below.

PRESIDENT'S MESSAGE

I hope you all had a good summer and are ready to start the new school year. Our section has been very active in the past year. Last fall we co-sponsored two field conferences. At the North-Central GSA meeting in Akron Ohio, we sponsored 4 theme sessions, a workshop for K-12 educators, and a field trip. I would like to thank David Steer, Cinzia Cervato, Sandra Rutherford, and Patricia Princehouse for organizing theme sessions, Joseph Hannibal for leading the field trip and Lisa Park for organizing the workshop.

I've been involved with the North-Central GSA and NAGT for over 20 years. I've noticed over the years that the field of geoscience education has grown tremendously. As a result the Central section NAGT's presence at the sectional GSA meetings has also increased. I was reviewing some old programs (I never throw anything out) and came up with the following statistics:

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

CALL FOR ABSTRACTS!

Central Section NAGT Future Activities

North-Central GSA Meeting

Lawrence, Kansas, April 12-13, 2007

THEME SESSIONS

CONSIDER SUBMITTING AN ABSTRACT!

1. Community Based K-16 Service Learning in the Geosciences

Convener: Kathleen Bower, Eastern Illinois University, kmbower@eiu.edu

Geoscience opportunities are numerous for K-16 service learning. Service learning involves application of what is learned in the classroom to real world problems, benefiting the local or global community in the process. Students benefit from applying knowledge, expanding their learning environment, and increasing global citizenship.

2. 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. Authors are encouraged to submit examples of inquiry-based learning, field experiences, workshops and curriculum development.

WORKSHOP

Organization and Presentation of Continuing Education Opportunities for K-12 Teachers

Kathleen Bower, Eastern Illinois University, kmbower@eiu.edu and Sallie Greenberg, Illinois State Geological Survey, greenberg@isgs.uiuc.edu

In this workshop you will start by discussing a list of key considerations involved in the design and planning of continuing education courses for K-12 teachers. You will participate in discussions of several models for short courses, learn about the pitfalls and mistakes, as well as the successes. You will spend time developing an action plan for development of your continuing education course.

BUSINESS MEETING LUNCHEON

Friday, April 13, 2007 12 noon-1PM

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

	1986	1996	2006
NAGT sponsored sessions	1	1	4
Geoscience Education Presentations	11	12	42
Total # presentations	302	279	336

During the past 10 years there has been over a threefold increase in the number of geoscience education presentations at the North-Central Section GSA meetings. Although I do not have the data available, I suspect other sectional meetings and the national meetings exhibit similar trends.

Looking forward, our section is co-sponsoring the Great Lakes Section – SEPM/ TRI-STATE Field Conference, "*New Perspectives on Paleozoic Epeiric Seas and Carbonate Platforms of the Iowa and Illinois Basins.*" Kathleen Bower is busy working on the NAGT program for the 2007 NC-GSA meeting in Lawrence, KS. In addition to theme sessions the program will include a workshop titled "*Developing Professional Development Opportunities for K-12 Teachers in Earth Science.*"

Annabelle Foos

Central Section NAGT Past Activities 2006

North Central GSA Meeting 2006
University of Akron, Akron OH

Theme Sessions

1. Evaluating Student Learning in Geoscience Courses.
2. Issues in Geoscience Education
3. Countering Creationism in the Classroom
4. Climate Change, Natural Hazards, and the Teaching of Earth System Science

Workshop: Teaching Evolution in the K-12 Classroom

Field trip: Guide to the Building Stones and Cultural Geology of Akron

Business meeting and luncheon

Minutes are posted on our web page:

http://www.nagt.org/files/nagt/organization/central/minutes_04-21-06.pdf

TEACHING IN THE FIELD

Teaching in the Field is a new section of the NAGT website that aims to draw together the collective experience and expertise of the NAGT membership and community members around conducting effective and educational field trips (<http://www.nagt.org/nagt/field/index.html>). The site is meant to be a tool that will enable NAGT sections to learn from one another's field trip offerings, to provide models for geoscience educators who are trying to develop pedagogically sound field experiences for their classes, and to serve as an archive for unpublished field guides from field trips conducted by faculty around the country.

The heart of the site is a growing collection of field trip examples that have been contributed by community members. Besides just holding the field guide, these examples provide users with the pedagogical underpinnings of each trip, including the appropriate context for the trip, the learning goals for the students, as well as special design and logistics notes. There are also links to other appropriate resources such as articles and websites.

We are currently soliciting contributions from community members who have experience leading field trips for a variety of audiences, K-12 through professional society. The small initial collection shows the range of examples we are trying to collect, including field trips for introductory classes running from a period to several days in length, workshop style field experiences for teachers, and professional development opportunities for faculty at professional society meetings.

If you have questions or comments about the site, please contact John McDaris at jmcdaris@carleton.edu. If you are interested in submitting a field trip to the collection, just go to the Example Submission page (http://www.nagt.org/nagt/field/field_submit.html) and complete the form.

If Jed or one of his co-leaders wants to write up this year's SEPM/TRI-STATE Field Conference or a previous years' trip, we'd be more than happy to have it. Kaatje Kraft has written up last year's Southwest Section Field Conference for the collection and this is an area where we'd like to have more examples.

John McDaris and Cathy Manduca

FACILITATE EARTH SCIENCE ED IN YOUR STATE

One way to effortlessly help earth science teachers in your state is to forward to them via their listserv a weekly email called "**Earth Science Site of the Week**" that **Mark Francek** compiles during the academic year. The mailing starts in early September and runs every Saturday until mid-December; it resumes in mid-January and goes until mid-May. Mark archives these weekly emails on a website (<http://webs.cmich.edu/resqi>) he maintains that includes other wonderful resources for teaching earth science and geography.

His list of subscribers has reached a critical mass, allowing him to post regular contributions from experts working with the USGS, DLESE (Digital Library for Earth Systems Education), National Science Digital Library (NSDL), and SERC (Carleton College's Science Education Resource Center).

Your teachers are no doubt inundated with e-mail, but this resource is worth a look. The mailing has NO COMMERCIAL AGENDA and is active only for about half the year. To find out about a listserv for earth science teachers, contact your state's science teachers association. If they don't have a listserv, encourage them to start one and show them what you can do to help these teachers if they had a listserv.

Mark is a Professor of Geography at Central Michigan University and is currently second vice president of our Central Section of NAGT.

2006 Winners of the Outstanding Earth Science Teacher (OEST) Award

The OESTA winners for 2006 have been selected! It is with great pleasure that we are able to present one honorable mention, two state winners, and our section winner.

Honorable Mention: **Peter M. Pitman**

Mr. Peter Pitman is a dedicated Earth and Space science teacher at White Bear Area High School in White Bear Lake, Minnesota. He uses a highly visual, dynamic approach to teaching, incorporating technology and science while engaging students at many levels. He is active in NSTA and has won numerous teaching awards.

(cont. on next page)

State Winner, Minnesota: Kirk Enzenauer

Mr. Kirk Enzenauer of Coon Rapids Middle School, Coon Rapids, Minnesota is highly respected by his colleagues, students, and community. Kirk is described as a “passionate, caring, hard working” teacher who “works tirelessly to present lessons that are interesting, informative, and rigorous.” He has taught earth science for the past twenty years and is known for always going the extra mile for his current and former students. Kirk has an infectious love of earth science, which he shares with students, staff, and colleagues. “Kirk has a passion for science and loves rocks!” He actively contributes to the teaching profession by mentoring new teachers, providing excellent instruction, and being involved in educational efforts throughout Minnesota. Kirk’s professional service is exemplary and extends from his school and local organizations all the way to being a board member of the Minnesota Science Teachers Association.

Section Winner and State Winner, Iowa: Aaron Spurr

Mr. Aaron Spurr is the 2006 Central Section recipient of NAGT’s Outstanding Earth Science Teacher Award. Aaron graduated in 1989 with a B.A in Earth Science from the University of Northern Iowa, Cedar Falls, Iowa. In 1997 he received a M.S. in science education.

Aaron is an outstanding example of dedication, knowledge, ingenuity, and professionalism in an educator. A teacher at Price Lab School – Northern University High School, Aaron acts as a facilitator of knowledge in his classroom. “When one walks into Mr. Spurr’s class it is clear he has honed his skills at advancing students’ learning.” He strives to individualize his instruction to the needs of his students and has been nominated for many teaching awards. “At the core of Mr. Spurr’s teaching is his belief that teaching is not “telling” but instead providing the environment, opportunity, and stimulus of questions that lead all students to a conceptual understanding.” Aaron integrates technology and earth science to engage his students. He works to create a learning environment where students grow, pose questions, and gather new information. His class is consistently nominated as one of the best in the 9th grade at the Price Lab School.

Aaron has also made significant contributions to the Price Lab School by introducing new technology, acting as the WebMaster, and serving as the technology liaison for the school-wide Web-based PowerSchool Program. He works diligently with students, faculty, and administrators to develop a community of learning by sharing “his pleasant disposition and his willingness to be part of the solution.” Aaron collaborates with university faculty and other educators to develop web-based curriculum. He presents and publishes on a regular basis and is well-respected by his students and colleagues. His accomplishments include being a Fellow of the Iowa Academy of Science in 2005 and receiving National Board Certification in the Area of Adolescent/Young Adulthood Science in 2001.

Congratulations to all of our winners. The awardees will receive their awards this fall or next spring. If you know one of the awardees and wish to present the award, please contact me.

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

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. Please submit your nominations by April 30, 2007.

REGIONAL NEWS IN GEOSCIENCE ED**Michigan** (submitted by Cris DeWolf)

Over the past year the Michigan Department of Education has been in the process of developing new content expectations for science courses. This has been done in response to new legislation that mandates graduation requirements at the state level – rather than simply at the local district level.

The content expectations were developed with input from teachers at both the secondary and post-secondary level. Public review was done over the summer.

The content expectations, as well as draft copies of course requirements for granting of credit, are available for your review at <http://www.michigan.gov/mde/0,1607,7-140-42814---,00.html>.

AGU Meeting – NAGT-Sponsored Session

Abstract Deadline: September 7th

Please help us showcase dynamic, innovative Earth Science teaching by spreading the word about our session at the 2006 American Geological Union (AGU) Fall Meeting (San Francisco, CA, Dec. 11-15, 2006):

Education and Human Resources: ED04

Session: Hands-on, Inquiry-based Classroom and Lab Assignments: Bringing Geoscience Research on Earth Surface Processes and Hydrology to K-12 and Undergraduate Students

Conveners: Kate Pound and Karen Campbell
<http://www.agu.org/meetings/fm06/?content=search&show=detail&sessid=164>

A unique characteristic of this session is the afternoon “Hands-on Gallery” in which presenters informally demonstrate their activities to all meeting attendees, including participants in a parallel teacher workshop. In addition we encourage presenters to submit session materials to the NAGT’s website (http://www.nagt.org/nagt/programs/activities_collection.html) for wider dissemination. Our similar session and workshop at 2005 Fall AGU was very well-attended; enjoyable and stimulating for all.

Abstracts are due September 7th. Submit at <http://www.agu.org/meetings/fm06/>. Please note this year’s focus on teaching surface processes and hydrology.

Please contact conveners Kate Pound (kspound@stcloudstate.edu) or Karen Campbell (kmc@umn.edu) or visit <http://www.nced.umn.edu/handson.html> for more information; we encourage your submissions!

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>

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NAGT Sponsored Education Sessions at GSA, Philadelphia, October 22-25, 2006

- T43. [Addressing Present and Future Energy, Mineral, and Water Issues in the Classroom: The Need to Prepare Both Educated Citizens and Geoscientists](#)
National Association of Geoscience Teachers; GSA Geoscience Education Division; GSA Geology and Society Division
- T44. [Beyond the Content: Teaching Scientific and Citizenship Skills in the Geosciences \(Posters\)](#)
National Association of Geoscience Teachers; GSA Geoscience Education Division
- T49. [Building New and Rebuilding Defunct College and University Geoscience Programs for the 21st Century: Challenges and Opportunities, Successes and Failures \(Posters\)](#)
GSA Geoscience Education Division; National Association of Geoscience Teachers
- T50. [Effective Online Strategies for Teaching Geoscience at a Distance](#)
GSA Geoscience Education Division; National Association of Geoscience Teachers
- T51. [GK12 \(Graduate-K-12\) Education: Improving Understanding of Geologic Concepts at All Levels \(Posters\)](#)
GSA Geoscience Education Division; National Association of Geoscience Teachers
- T40. [Geohazards - Teachable Moments for Students and the Public: An Illustrated Community Discussion \(Posters\)](#)
National Association of Geoscience Teachers; GSA Geoscience Education Division; GSA Geology and Society Division; Public Policy; GSA Engineering Geology Division
- T49. [Innovative Watershed Based Approaches for Integrating Research and Education](#)
GSA Geoscience Education Division; National Association of Geoscience Teachers
- T52. [Preparing Future K-12 Teachers of Earth Science](#)
GSA Geoscience Education Division; National Association of Geoscience Teachers (NAGT)
- T45. [Service Learning and Community Service in Earth Science Courses: Community Involvement in Earth Science Education](#)
National Association of Geoscience Teachers; GSA Geoscience Education Division
- T55. [Successes in Professional Development of Earth Science Teachers: Courses, Workshops, Partnerships, and Professional Development Opportunities that Work I and II](#)
National Association of Geoscience Teachers; GSA Geoscience Education Division
- T56. [Successful Strategies for Recruiting and Retaining Undergraduate Geoscience Majors](#)
National Association of Geoscience Teachers; GSA Education Division
- T46. [Teaching Hydrogeology in the 21st Century](#)
GSA Hydrogeology Division; National Association of Geoscience Teachers; GSA Education Division
- T53. [Teaching Instrumentation to Geoscience Students: Course Design, Objectives, and Presentations](#)
GSA Geoscience Education Division; National Association of Geoscience Teachers

- T54. [Translating Earth: Conceptions Research in Earth Science Education](#)
GSA Geoscience Education Division; National Association of Geoscience Teachers
- T41. [Using Large Experiments And Programs For Education and Outreach: Examples From EarthScope, the Joint Oceanographic Institutions, and Others](#)
GSA Geoscience Education Division; National Association of Geoscience Teachers
- T42. [Visualization in the geosciences \(Posters\)](#)
GSA Geoscience Education Division; National Association of Geoscience Teachers; GSA Engineering Geology Division
- T57. [We Can Do Better: Alternatives to the Same Old Lab-Lecture Format in the College Classroom \(Posters\)](#)
National Association of Geoscience Teachers; GSA - Geoscience Education Division

Other Education Sessions

- T18. [Collegiate Watershed Research Projects: Opportunities for Student Learning and Community Involvement](#)
GSA Geoscience Education Division; Council on Undergraduate Research
- T124. [Forensic Geoscience from the Classroom to the Courtroom](#)
GSA Geoscience Education Division
- T60. [Geoscience Advocacy and Communicating with the Public](#)
GSA Geology and Society Division; GSA Geoscience Education Division
- T17. [An Early Involvement of Undergraduates and K 7-12 Students in Geological and Environmental Research \(Posters\)](#)
GSA Geoscience Education Division

**Great Lakes Section–Society for Sedimentary Geology (GLS-SEPM)
and 67th Annual TRI-STATE Fall 2006 Field Conference**
Saturday September 30th, 2006
Rock Island, Illinois

**New Perspectives on Paleozoic Epeiric Seas and
Carbonate Platforms of the Iowa and Illinois Basins**

The 2006 GLS-SEPM Field Conference will be held jointly with the 67th TRI-STATE field conference and will focus on new developments in the understanding of the sequence stratigraphy, processes controlling epeiric carbonate ramp development, chemostratigraphy, paleoceanography-paleoclimatology, paleontology, and paleoecology of the middle Paleozoic epeiric sea of the Iowa and Illinois basins. The conference trip stops will highlight current understanding of epeiric carbonate ramp records of global events based on integrated sequence stratigraphy, chemostratigraphy, biostratigraphy, and paleoceanography of the Middle-Late Devonian Wapsipinicon and Cedar Valley Group carbonate platform deposits. The trip will be headquartered and run in the Quad-Cities area of eastern Iowa and western Illinois, with the **Holiday Inn-Moline Convention Center at the Airport** in Moline, Illinois, serving as the conference hotel.

Pick Up of Registration Materials and Pre-Meeting Mixer Friday September 29th

Pick up of trip materials by pre-registered participants and on-site registration will take place in the indoor pool area accessible through the main lobby of the conference hotel (**Holiday Inn-Moline Convention Center at the Airport**, 6910 27th St, Moline, IL, 309-762-8811) beginning at 4:00 PM Friday September 29, through 9:00 PM. A pre-meeting mixer with a cash-bar will take place in the registration area from 7:00 to 9:00 PM. A shuttle van will pick up and drop trip participants approximately every half hour for visits to the **Fryxell Geology Museum** at the Department of Geology on the campus of Augustana College in Rock Island from 5:00 to 8:00 P.M. with the last shuttle van leaving for the Fryxell Museum at 8:00 P.M. and the last return shuttle van back to the conference hotel at 8:30 PM.

Mixer and Banquet Poster Session: Registration fees will be waived for up to 6 students willing to present posters highlighting current student research in the areas of sedimentary geology and paleontology. Students wishing to present posters must pre-register and provide the GLS-SEPM vice president with your poster topic no later than Friday September 8th.

Conference Hotel: Holiday Inn-Moline Convention Center at the Airport (Location 4 on Map)
6902 27th St., Moline, IL, Phone: 309.762.8811/FAX309.762.9235

Additional Nearby Hotels (see map below)

1. **Holiday Inn**, 6902 27th St, Moline, IL, 309-762-8811
2. **Rumble Seat Inn**, 2702 69th Ave Ct, Moline, IL, 309-801-8534
3. **Country Inn & Suites**, 2721 69th Avenue Ct, Moline, IL, 309-797-4249
4. **2006 GLS-SEPM/TriState CONFERENCE HEADQUARTERS-HOTEL**
Holiday Inn-Moline Convention Center, 6910 27th St, Moline, IL, 309-762-8811
5. **Holiday Inn Express Moline Air**, 6910 27th St, Moline, IL, 309-762-8300

6. **Hampton Inn**, 6920 27th St, Moline, IL, 309-762-1711
7. **Motel 6**, 2359 69th Ave, Moline, IL, 309-764-8711
8. **La Quinta Inn**, 5450 27th St, Moline, IL, 309-762-9008
9. **Exel Inn-Moline**, 27th St, Moline, IL 309-797-5580
10. **Comfort Inn of Moline** - 2600 52nd Ave, Moline, IL, 309-762-7000

FIELD CONFERENCE SPONSORS

Great Lakes Section-Society for Sedimentary Geology (GLS-SEPM)
Central Section-National Association of Geosciences Teachers (NAGT)
Department of Geography-Geology, Illinois State University
Illinois State University – Geology Club
Department of Geology, Augustana College
Geological Society of Iowa
Illinois State Geological Survey
Iowa Geological Survey

PRELIMINARY SCHEDULE

Registration and Check In:	Conference Hotel indoor pool area from 4:00-9:00 PM, Friday September 29th. Fryxell Geology Museum shuttle van runs from 5:00-8:30 PM
Field Conference:	Buses leave conference hotel parking lot at 8:00AM, Return at 5:00 PM Saturday September 30th. Pre-banquet Mixer (cash bar) and Poster Session from 5:00-6:00 PM, Conference Banquet starts at 6:00 PM
Informal Post-Conference Trip	Middle and Upper Paleozoic Stratigraphy and Geology of Black Hawk Park, Sunday, October 1st

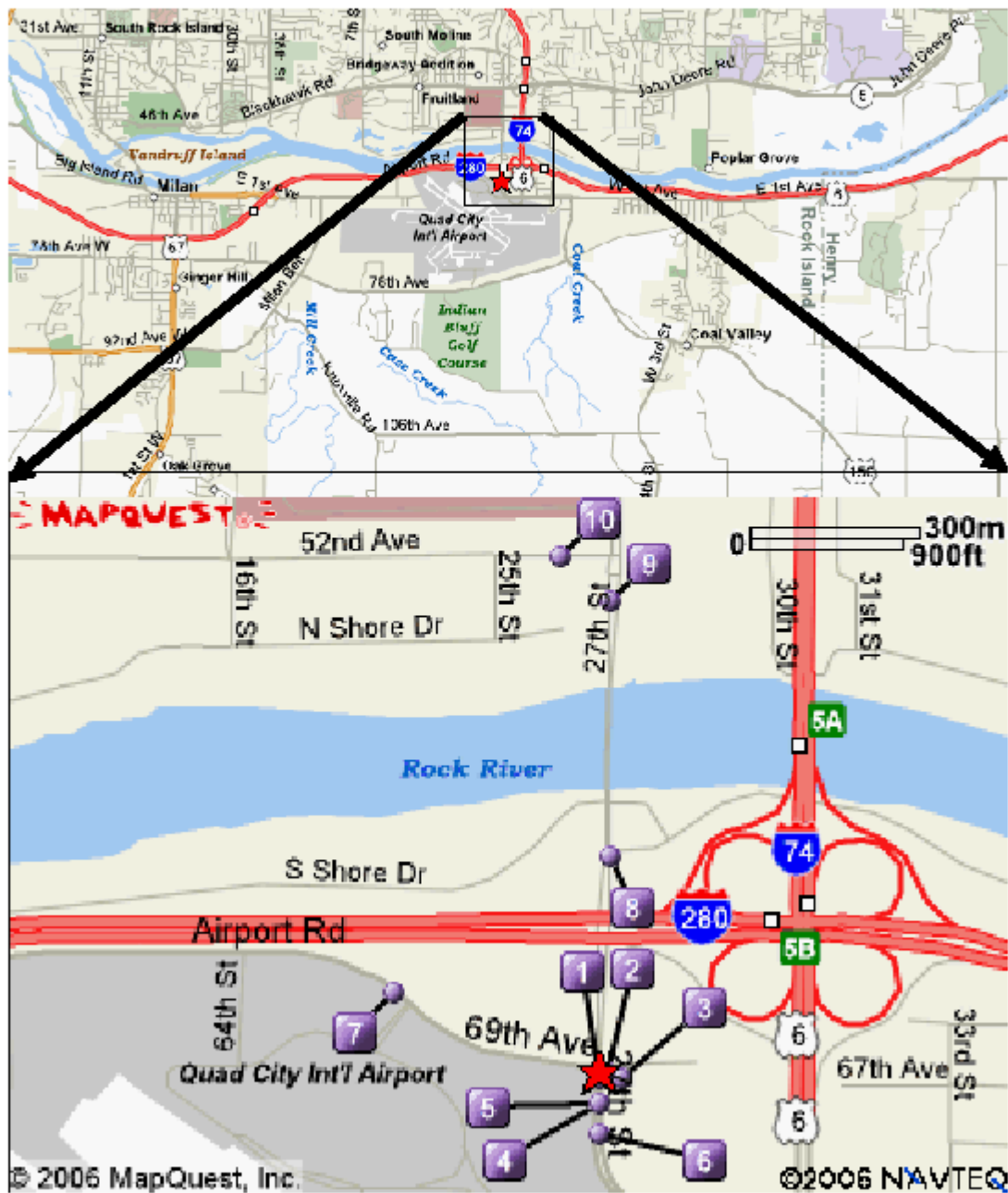
Field Conference Coordinator: **Dr. Jed Day**, Vice President Elect GLS-SEPM, Department of Geography-Geology, Illinois State University, Normal, IL 61790-4400, Phone: 309.438.8678, Fax: 309.438.5310, jeday@ilstu.edu

Guidebook Editors: **Drs. Jed Day** and **John Luczaj**
John Luczaj, President of GLS-SEPM, Department of Natural and Applied Sciences, University of Wisconsin - Green Bay, 2420 Nicolet Drive, Green Bay, WI 54311, Phone: 920.465.5139, luczajj@uwgb.edu

For further information, contact Jed Day VP GLS-SEPM, jeday@ilstu.edu

Note to all participants: The main conference trip stops will be in quarries in the Quad-Cities area. Trip participants should all have **hard hats and eye protection** to enter Field Conference quarry stops. The ISU Geology Club can provide hard hats for individuals that do not have protective head gear.

Map Showing Locations of GLS-SEPM-TriState Conference Hotel and Adjacent Hotel Accommodations



FIELD CONFERENCE REGISTRATION FORM

2006 Great Lakes Section – Society for Sedimentary Geology (SEPM) and 67th Annual TRI-STATE Field Conference Saturday, September 29, 2006

Pre-Registration Deadline is Friday, September 8th

Registration Fees cover the conference attendee's guidebook, box lunch, snacks, bus transportation from conference hotel to trip stops, and Conference Banquet.

Name: _____

Affiliation: _____

Mailing Address: _____

City: _____ State: _____

Zip Code: _____

Phone: _____ Fax: _____

Email Address: _____

Pre-Registration through Friday September 8th, 2006 (Indicate Professional Status Below)

Fee

_____ Student	\$45.00
_____ Presenting undergraduate or graduate student research poster	\$00.00
_____ NAGT Central Section Members	\$45.00
_____ Professional (Industry, Academic Degree granting College/University)	\$65.00

Onsite Registration September 29th, 2006

_____ Student	\$55.00
_____ NAGT Central Section Members	\$55.00
_____ Professional (Industry, Academic Degree granting College/University)	\$75.00

Please Specify Lunch Preference (box lunches by Heavenly Ham, includes sandwich, side item, cookie and drink)

_____ Heavenly Original (Ham on Croissant)	_____ Turkey	_____ Chicken Salad
_____ Ham Salad	_____ Tuna Salad	_____ Veggie
_____ Swiss Philly (roast beef on onion roll)	_____ Classic Roast Beef	

**PAYMENT: by check or money order, make checks or money orders payable to: 2006 GLS-
SEPM/Tri-State Geological Field Conference**

Mail Registration Forms and Payments To: Dr. Jed Day, 2006 GLS-SEPM/Tri-State Geological Field Conference, Campus Box 4400, Department of Geography-Geology, Illinois State University, Normal, IL 61790-4400.



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

For \$35 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)

Regular	\$35 _____
Outside USA	\$47 _____
Student*	\$20 _____
Student* outside USA	\$32 _____
Retired NAGT member	\$30 _____

Library Subscriptions

Regular	\$55 _____
Outside	\$67 _____

____ 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



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.