



Kentucky Society of Professional Geologists

KSPG Newsletter Volume 5, No. 2 Winter 2001

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Message from your Incoming President:

David Jackson

Another year has almost passed and another one will soon be upon us. With the beginning of the New Year I will take the reins of the presidency from the most capable hands of our current president, Mr. Patrick Gooding. To me, the assumption of this role is an awesome responsibility. A responsibility, that with your help, I intend to pursue with integrity and vigor.

A little bit about myself, I currently work for the Kentucky Department of Environmental Protection, Division of Waste Management, Solid Waste Branch, where I hold the position of Geologist Registered with the East Permit Review Section. I am part of a geo-engineering technical team that insures that the design and construction of Subtitle D landfills meets the promulgated regulations of Kentucky. I hold a B. S. in geology from the University of Kentucky and I am currently pursuing a M. S. in hydrogeology from Eastern Kentucky University.

Now, back to business. I believe that the current azimuth of the KSPG is definitely headed in the right direction, so conversely you should not expect any major changes in our programs. You can definitely begin planning for our annual spring field trip/workshop that will be held in conjunction with AIPG in Lexington, in March of 2002. Our **Fall Field Trip** of 2002 will be to recognize and dedicate the **Camp Nelson** area as a "**Distinguished Geologic Site**". I encourage everyone to make every attempt to attend this ceremony. Not only will you be entreated to the usual excellent hospitality of the KSPG planning committee, but you will also have the opportunity to listen and talk to a collage of geologists who have cut their teeth on this outstanding geological wonder. As a professional organization, we must stay viable, so we will continue to forge ties with education, from the primary grades through secondary and post secondary degrees. We will also continue to work with other scientific organizations, on a variety of interests that promote geological awareness to the public and private sectors. However, there is one area that I think that we need improvement in, and that is to increase membership, especially active membership. How do we do it, I don't know. But, we have to make being a **Registered Geologist** something that is very attractive, whether it is through legislation or on the job perks. So, we are welcoming all suggestions. One idea that we have is to have some one-day, no frills workshops and field trips designed to meet the needs of all of our geologists. If you have topics or ideas that you would like to have addressed, please contact me at (502) 564-6716; or I can be reached at davida.jackson@mail.state.ky.us.

To wrap this thing up, again I thank you for expressing confidence in my abilities to lead our organization into the future. However, I caution you that a leader is only as good as the body that elects and supports him. So lets get busy this coming year and bring to fruition our dreams and expectations.

Message from the Outgoing President:

Patrick J. Gooding

As my tenure as President quickly runs out I would like to take this opportunity to thank all the members of the Executive Committee, Council Members, Various Committee Members, Field Trip Leaders and Support Personnel and Workshop Presenters for their dedication and support throughout the year. Without their efforts the society would not be as successful as it was this year achieving most of the goals that it set at the beginning of the year.

I wish the incoming President David Jackson all the best and my support as I serve on the Executive Committee for the next year.

This is your society, get involved.

KSPG Co-Sponsors AAPG Distinguished Lecturer:

The Kentucky Society of Professional Geologists along with the Department of Geological Sciences and the Kentucky Geological Survey at the University of Kentucky co-sponsored Dr. Roger Slatt, Director of the School of Geology and Geophysics at the University of Oklahoma. Dr. Slatt was this year's **J. Ben Carsey Distinguished Lecturer of the American Association of Petroleum Geologists**. Dr. Slatt's lecture presented on Monday, October 29 at 7:00 PM in 102 Mining and Mineral Resources Building at the University of Kentucky was entitled " Outcrop/Behind Outcrop Characterization of Deepwater (Turbidite) Petroleum Reservoir Analogs: Why and How"



Pictured Left to Right: Dr. Frank Ettensohn (Dept. of Geological Sciences), Dr. John Kiefer (KGS), Dr. Roger Slatt (AAPG Distinguished Lecturer), Patrick J. Gooding (President KSPG), Dr. Alan Fryar (Dept. of Geological Sciences) and Dr. Jim Drahovzal (KGS)

Kentucky Earth Science Teacher of the Year Award :

KSPG is forming a committee that will comprise of KSPG members and representatives of the Kentucky Science Teachers Association (KSTA) and the Kentucky Department of Education. This committee is being established for the purpose of developing guidelines for nominations, judging, applications, requirements and deadlines for selecting the Kentucky Earth Science Teacher of the Year Award.

The winner will be awarded a plaque and would be eligible to compete in the Eastern Section of AAPG. The Eastern Section winner will then compete with winners from other Sections for the AAPG \$5,000 Award for Excellence in the Teaching of Natural Resources in the Earth Sciences. \$2,500 will go to the school and \$2,500 to the teacher. Also included will be an expense paid trip to the AAPG Annual Convention to receive the award.

We are looking for members to serve on this committee. If you are interested let us know as soon as possible.

E-Mail Address :

Please send your e-mail address to our Secretary/Treasurer, Richard Smath, rsmath@kgs.mm.uky.edu so that we may keep you informed of current news and events.

KSPG Web Site :

Remember to check our web site at <http://www.kspg.org> All current information on legislation relating to geology, past newsletters, could be found on the site including upcoming Executive Committee Meetings.

Annual Dues :

It is time to pay your annual dues. It is only \$10.00 per year. Make your checks out to KSPG and forward it to Richard Smath, 228MMRB, University of Kentucky, Lexington, KY 40506-0107. Yes, you can pay for as many years in advance as you wish. **Remember, if you are not current with your dues you cannot vote.**

Volunteers Needed :

KSPG is in need of volunteers to serve on various committees. If you are interested or would like further information please contact the President.

Monthly Field Trips/Workshops :

KSPG is planning for the New Year monthly field trips and/or workshops. These will be "no frills" field trips that may take us to landfills, strip mines, underground coal mines, limestone quarries or caves, visit a lab, a sinkhole, or an oil refinery. If you are able to arrange a visit or lead a trip let us know. Volunteer one of your friends. Give us the name and we will call.

Geologic Society of America Meeting to be held in Lexington in 2002:

Combined Section Meeting 36th Annual Meeting of the North-Central Section, GSA 51st Annual Meeting of the Southeastern Section, GSA Lexington, Kentucky, April 3-5, 2002

Hosted by the Kentucky Geological Survey and the Department of Geological Sciences, University of Kentucky, and the Department of Geology, University of Cincinnati. The meeting will be held at the **Hyatt Regency Hotel** and adjacent **Lexington Center's Heritage Hall** in downtown Lexington, Kentucky. Both premeeting and postmeeting field trips and workshops are planned.

Abstracts: Abstract Deadline – December 19, 2001

GSA Web Site: <http://www.geosociety.org/sectdiv/Northc/02nc-semtg.htm>

KSPG To Co-Sponsor Two Workshops at 2002 GSA Section Meeting :

KSPG will co-sponsor two workshops in April 2002 at the GSA Combined Section Meeting. The first one to be taught by William Andrews titled “**Planning and Reviewing for Professional Geology Examinations**” and the second one by Patrick J. Gooding titled “**Subsurface Techniques In Exploration.**”

For more information on additional workshops check the above Web Site or link through the Kentucky Geological Survey web site at <http://www.uky.edu/KGS/gsa2002/welcome.html#workshops>

Distinguished Geologic Site To Be Dedicated in 2002 :

Mark your calendar for **September 19-21, 2002. Camp Nelson** will be dedicated as a KSPG's second **Distinguished Geologic Site**. KSPG will be contacting everyone and anyone who have worked, visited or has an opinion concerning the Camp Nelson. We will be looking at structure, stratigraphy, sedimentology, paleontology, geochemistry, geomorphology and the history of the area. Patrick Gooding and William Andrews will be coordinating the field trip. A field trip committee will be established in January 2002. If you will like to serve on this committee let us know.

Caps & Polo Shirts are still for sale: (Look fashionable ☺ and help support the KSPG! \$\$)

Call Richard Smath (859-257-5500) or see our web site at <http://www.kspg.org/pages/shirt.html>

New Members to KSPG:

Terry L. Hair, Jr., Barry L. Vinsant, Karen Exton Thompson, Hannah Elisabeth Harbin, Mary (Mary Beth) E. King, Randy Shields, Gregory A. Bowles, Joseph C. Moffitt, Chris Rudnick, Carl Petersen, Elizabeth R. Goeke

2001 KSPG OFFICERS :

<u>Office</u>	<u>2001 Officer</u>	<u>e-mail address</u>
President	Patrick Gooding	gooding@kgs.mm.uky.edu
President Elect	David Jackson	davida.Jackson@mail.state.ky.us
Past President	Bart Davidson	bdavidson@kgs.mm.uky.edu
Secretary/Treasurer	Richard Smath	rsmath@kgs.mm.uky.edu
Councilor At Large	Carlos Galceran	galceran@kgs.mm.uky.edu
Councilor At Large	David Jackson	davida.Jackson@mail.state.ky.us
Newsletter Editor	Tom Sparks	sparks@kgs.mm.uky.edu

Historic Oil Fields of Eastern Kentucky and Big Andy Ridge, KSPG Fall Field Trip, September 13-15, 2001

Thirty-eight participants trekked through the wilds of Estill, Lee, Powell, and Wolfe Counties to visit historic areas within the Big Sinking Field and saw cutting edge technology applied to the Big Andy Ridge Field. Charlie Perdue entertained the group with stories of the heydays of Ashland Oil and their Eureka waterflood. As we visited historic leases in the Big Sinking field, the trip became informally themed: "But how'd they know there was oil there?" And, the answer goes back to 1852 to the search for fuel for area iron furnaces and during Friday's lunch we learned the story of the Firchburg furnace. A visit to Al's shackle-line operation Friday afternoon was a hit with the variety of antique, but operational, equipment available for inspection. On Saturday, the atmospheric nitrogen recovery unit operated by Bretagne G.P. was visited. This unit produces low oxygen content nitrogen gas for injection and repressurization of oil producing zones. The process increased production from 200 bopd to 500 bopd. Thanks to all who attended and everyone who helped with the logistics.



Rapp Granary Resolution:

The attached resolution was drafted in response to a request to the KSPG Executive Committee from Dr. James C. Cobb, the State Geologist and director of the Kentucky Geological Survey. Please review the resolution, and submit any comments or questions to KSPG President Patrick Gooding at gooding@kgs.mm.uky.edu, or by phone at (859) 389-8810.

Election of Officers for 2002:

The attached ballot is for KSPG officers during the year 2002. ***If your dues are paid for 2001, you are eligible to vote.*** Please take a moment to complete and return the ballot **BY December 31, 2001** to the address indicated on the ballot. Thanks for your support in this important process. Please note that there are two (2) candidates running for President-Elect. Vote for only ONE candidate. Ballots that are checked for both President-Elect candidates will be disqualified.

28-Nov-01

From the Executive Committee of the Kentucky Society of Professional Geologists:

Whereas: David Dale Owen was an influential geologist whose research was fundamental to developing the mineral resources of a young nation and understanding geological processes. He served as State Geologist for several states and held a commission from the federal government to map the Midwest. D. D. Owen was a mentor to his associates and to those geologists he preceded.

Whereas: Much of the research performed by David Dale Owen centered in the laboratory he developed in the Rapp Granary within the scientific community of New Harmony, Indiana, fostered by Robert Dale Owen. The Granary was the center of one of the most important training and research centers for the study of geology in America and the site where the Kentucky Geological Survey was founded.

Whereas: David Dale Owen served as the first State Geologist of the Kentucky Geological Survey from 1854-57 and his initial investigations into the geology of Kentucky are the first official publications of the Survey.

Whereas: The Kentucky Geological Survey has provided cooperative support to the Kentucky Society of Professional Geologists and to its predecessor, the Geological Society of Kentucky.

We it resolved: That \$2,000 be contributed for a memorial window at the Rapp Granary-David Dale Owen Laboratory on behalf of the Kentucky Society of Professional Geologists and the Kentucky Geological Survey. Members of the Society and the Survey are invited to a presentation ceremony to be held at **the Granary, New Harmony, Indiana at 1:00 p.m., Monday, January 28, 2002.**

Signed

The Executive Committee of the Kentucky Society of Professional Geologists
President (2001): Patrick Gooding
President (2002): David Jackson

KSPG 2001 Ballot for Election of Officers

(Ballot for 2002 Officers)

To vote (paid members only, please), check a box or
write in a candidate

President-Elect (one year term, 2002) **PICK ONE**

William M. (“Drew”) Andrews, Jr. (Ky. Geological Survey)

Greg Cornett (Kentucky River Coal Co., Hazard)

Write In (Name, Company): _____

Councilor (two year term, 2002-2003)

Dale Burton (Ky. Division of Waste Management)

Write In (Name, Company): _____

Past-President— Patrick Gooding
Not Up for Election

Secretary/Treasurer—Richard Smath
Not Up for Election (final year of 3-year term)

Councilor— Carlos Galceran (final year of 2-year term)
Not up for election as Councilor

Editor—Open

Appointed. Any Volunteers? Please give us your name, company, and phone if interested:

Please mail returned ballot to: KSPG Ballot Committee, ATTN: Dave Harris
Kentucky Geological Survey
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Lexington, KY 40506-0107