



## SUMMER 1999 Volume 3, Number 2

### Message from the President: John Popp

Time has flown by since the last newsletter, and there is much to report. I hope you find this newsletter to be very informative, reflecting the fine activities that have occurred in the last 5 months. I am really encouraged by the enthusiasm that has been visible at our Executive Committee (ExComm) meetings, the Annual Symposium, and other events.

Speaking of the **Annual Symposium**, held April 29 in conjunction with the KGS Well Sample and Core Library Opening, what a wonderful event! If you were not one of the 150+ people who attended this free event, you missed a good one. The lunch alone was worth attending, let alone to hear from the fine speakers, to see the informative displays and demonstrations, and to witness the dedication of the Library in the presence of numerous dignitaries. By the way, we had geologists attending from all over Kentucky, as well as from Missouri, Indiana, Ohio, Tennessee, Virginia, and Florida (thanks for attending, Lyle Sendlein!). What a functional, comfortable facility, too, with plenty of **free parking!** The ExComm meets regularly at the Library and wishes to thank **Patrick Gooding** and the KGS for making the Library available. I hope you will return to the Library to view the samples it houses. More comments about the Symposium are contained elsewhere in the newsletter.

One of my goals this year is to encourage interaction between KSPG and **AIPG**. To that end we

jointly nominated 3 candidates to fill an expired position on the **Board of Registration**. There has been no word about the Governor's choice, but all nominees had excellent credentials. You may find out more by checking the Board's web site given elsewhere in this newsletter.

What else is going on? The KSPG sponsored "**The Haney Symposium – Two Decades of Geology in the Public Interest**", an all day event on August 7 to commemorate the pending retirement of Dr. Donald C. Haney. As you may be aware, Dr. Haney is retiring after serving as State Geologist for 21 years. The KGS asked that the KSPG sponsor the event, which featured a Who's Who of State and Federal geologists. There was also some good-natured kidding and backslapping to honor one of KSPG's strongest supporters. Check out the details in this newsletter.

If you haven't already done so, please mark your calendars for the **SEPM Great Lakes Section fieldtrip** October 8-10. More information is contained in this newsletter. Tom Algeo and Carlton Brett, leaders of the fieldtrip from the University of Cincinnati, agreed to have KSPG co-sponsor the fieldtrip that examines roadcuts along the AA Highway in Northern Kentucky. Seems like last year's Pound Gap Fieldtrip took it out of us. By the way, copies of the **Pound Gap guidebook**, now in its 2<sup>nd</sup> printing, are available from the KSPG through the KGS.

Comments?? Let me know what you think about KSPG – 606-224-7219, or [johnp@mapcocoal.com](mailto:johnp@mapcocoal.com).

### What's New Online?

Got an extra minute? Check out these web sites:

**KSPG:** [www.kspg.org](http://www.kspg.org)

**AIPG:** [www.professionalgeologist.org](http://www.professionalgeologist.org)

#### Board of Registration:

[www.state.ky.us/agencies/finance/  
boards/geology/welcome.htm](http://www.state.ky.us/agencies/finance/boards/geology/welcome.htm)

#### SEPM-GLS fieldtrip:

[ucaswww.mcm.uc.edu/geology/algeo/  
Fieldtrips/SEPM99\\_homepage.htm](http://ucaswww.mcm.uc.edu/geology/algeo/Fieldtrips/SEPM99_homepage.htm)

## KSPG 1999 Annual Symposium—Review

April 29 included a full day of events for the 199 Annual Symposium and Grand Opening of the KGS Well Sample and Core Library with over 150 attendees. The Symposium included technical presentations by 5 speakers, and a forum on Geologist's Concern and Unity in Kentucky, all in the morning. Following lunch, a formal ceremony dedicated the Library. Ongoing activities included core drilling, dye tracing, geophysical logging, select core sample demonstrations, and more. KSPG owes a special thanks to Rhodes Incorporated and Geological Logging Systems, both companies for donating their time, equipment and personnel to demonstrate core drilling and geophysical logging, respectively.

The forum's speakers included John Phillely (Chairman, Board of Registration for Professional Geologists); Doug Reynolds (Communications Coordinator, BRPG); Charlie Zuppan (President, Professional Geologists of Indiana) and John Popp. Their remarks were received enthusiastically, and the thoughts presented by John Popp are included below. Your comments are welcome.

### Geologist's Concerns and Unity in Kentucky

John T. Popp

**What are your concerns regarding the profession of geology in Kentucky?** Are we a "dying" profession? Some may think so based upon hiring trends/job opportunities and enrollment in our geology departments. If not dying, we are aging. That's good news for you young geologists--replacements are needed for those of us who will be retiring in the near future. Is there adequate demand to attract quality students? I'm not sure.

**Can organizations, such as KSPG, reduce these concerns? If so, how?** Yes, the organizations can reduce the concerns, depending upon their leadership and membership. If nothing else, membership and attendance brings you in touch with other geologists who can help you to grow professionally. KSPG, for example, costs little to join and offers opportunities to meet geologists who are often research oriented. AIPG costs more to join and offers opportunities to meet geologists who often work for industry. Both organizations take time and effort, and will only be as good as their membership demands.

**What is the concern about "Unity"? Are we not united?** After all, "United We Stand, Divided We Fall" is our State motto. Could there be differences that keep us apart? Of course there are! My love is practical coal mining geology. Others here are researchers, teachers, stratigraphers, petrologists, paleontologists, etc., but we all are geologists.

**Would you like more opportunities to meet other geologists in your specialty? Would you like help with "networking"?** Look around today for a broad variety of geology specialties. The biggest specialties in AIPG, my best source of information, include Hydrogeology; Environmental geology; Petroleum geology; Engineering geology; and Exploration geology. How many here today fall into those categories?

**What else keeps us apart?** Let's face it, there will always be divisional issues. My list includes:

- Philosophical differences & human nature
- Cost/money (can't afford it!? \$10/year for KSPG???)
- Membership requirements (True, certain experience levels may be required)
- Time (True, you can't belong to everything!)
- Geography (too far away)
- Apathy?!

**What brings us together? My list includes:**

- Professional and personal interests: for example, 1) I like to learn about and see new geology; 2) One day, I may need to call some of you, looking for a job, or for help with geological issues I am facing.
- Another issue -- certification requirements. We may be required to attend these meetings for professional development credit.
- Desire to learn (even if you are not a geologist, you may have an interest in the earth sciences)
- "My boss/teacher/etc. said I have to attend" (Oh, well!)

Attend recent ExComm meetings of KSPG and AIPG, the 2 KY geological organizations that I am most familiar with, and you will see two organizations with different philosophies. It doesn't surprise me, given the differences in our focus, the makeup of our memberships, and history. It doesn't bother me as long as there is respect for the philosophical differences. What I would like to see is a coming together where we can share seminars, field trips, symposiums, possibly newsletters, ideas, while maintaining differences.

**There are several more questions for our organizations to think about:**

- How do we foster job opportunities for students (as well as professionals)?
- Are the professional organizations running programs that will attract new members and keep the "young" geologists?
- Do **YOU** want more symposiums like this one; more field trips like last Fall's? If so, let us know and make suggestions!
- What more and what less would you like to see? Perhaps you are like me...what I could use is one **less** organization, i.e. one **less** dues statement per year; one **less** newsletter/magazine to write articles for, and to read; one **less** seminar and/or annual meeting to attend.

**What are you willing to contribute?****1999 Annual Fall Field Conference  
Event And Cyclic Stratigraphy Of Mid-Paleozoic  
Strata Of The Cincinnati Arch October 8th-10th,  
1999**

The **1999 KSPG Annual Fall Field Conference** will be held in conjunction with the SEPM-Great Lakes Section meeting. The trip will feature road cuts along KY Rte. 546 (AA Highway) between Cincinnati, OH and Maysville, KY. Registration for professionals is only \$50.00 and students \$30.00. Please see the attached flier for details. You can register on line or by mail. Lodging will be at the Kingsgate Conference Center, University of Cincinnati. Telephone: (513) 487-3800. The banquet on Friday night will be \$20.00. Please make your registration by: **September 15th**.

An overview of the field trip has been included on the attached flier. More information is available at website:  
[ucaswww.mcm.uc.edu/geology/algeo/  
Fieldtrips/SEPM99\\_homepage.htm](http://ucaswww.mcm.uc.edu/geology/algeo/Fieldtrips/SEPM99_homepage.htm)

**Earth Science Week  
October 10-16, 1999**

The second annual observance of **Earth Science Week** is fast approaching. The American Geological Institute is promoting a national initiative that will be augmented by activities within the states. A committee chaired by Carol Ruthven of the Kentucky Geological

Survey is planning various activities in the Lexington area to promote public awareness of geology in everyday life. Planned activities include conducting tours for school groups through McConnell Springs Park on October 11 and 12 and meeting the public at a booth at Fayette Mall on October 15 and 16. Any geologists or students wishing to volunteer to help with these activities should contact Carol Ruthven or Doug Reynolds at the Kentucky Geological Survey at 606-257-5500.

For more on Earth Science Week (October 10-16) see the website: [www.earthsciweek.org/](http://www.earthsciweek.org/)

**Coalbed Methane in the Eastern US,  
a PTTC Focused Technology Workshop  
September 16, 1999**

The KSPG in cooperation with the Petroleum Technology Transfer Council (PTTC) is sponsoring a focused technology workshop on **coalbed methane** (CBM). This workshop will examine the potential of CBM resources in Illinois and Appalachian coal basins with reference to successful CBM operations in the Appalachian and Black Warrior Basins. Talks are planned on coal geology of the basins, gas-in-place and resource assessment, overview of successful CBM operations, and a review of legal issues including an assessment of the Supreme Court decision.

The workshop will be held at the Kentucky Geological Survey, room 102 of the Mining and Mineral Resources Building on the campus of the University of Kentucky. Registration is \$75 and includes breaks, lunch, parking, and course materials. Registration deadline is September 10; no refunds after that date. For registration questions, contact Julie D. Back, OISTL, at 606-257-4634 or e-mail to [jback00@pop.uky.edu](mailto:jback00@pop.uky.edu).

For more information, see  
[www.uky.edu/KGS/PTTC/workshop.htm](http://www.uky.edu/KGS/PTTC/workshop.htm), or contact:

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***Upcoming List of Activities***

Sept. 10, '99 Excomm Meeting  
 Sept. 16 PTTC Seminar on Coalbed Methane  
 Oct. 8-10 Annual Fall Field Conference with SEPM-  
 GLS, Mid-Paleozoic Strata Of The  
 Cincinnati Arch  
 Oct. 10-16 Earth Science Week Celebration  
 TBA AAPG Distinguished Speaker

**Money Raising Ideas?**

Patrick Gooding, Manager of the KGS Core Library, was recently appointed coordinator of money raising and has a number of great ideas. If you also have some ideas, please contact Patrick at 606-389-8810, or gooding@kgs.mm.uky.edu.

**Message from the Past President:**

The KSPG now has a website [www.kspg.org]. Parts of the site are still under construction, so bear with us. Contact me at chesnut@kgs.mm.uky.edu if you have any suggestions or contributions.

Don Chesnut

The Kentucky Paleontological Society (KPS) is pleased to announce that **Dr. Jack Horner** of Montana State University has agreed to be their speaker for the Darwin Lecture 2000, which will be held on Friday, February 4, 2000 at 7:30 PM in the Recital Hall of the Singletary Center for the Arts on the University of Kentucky Campus. Admission will be free to the public.

The KPS will need to raise money for this project. Many volunteer opportunities will arise for KPS members. For information, call Dan Phelps at (606) 277-3148.

**KPS:** <http://www.uky.edu/OtherOrgs/KPS/>

*Note: Above information was provided by Dan Phelps on a recent posting on the KPS website. In the past year the KSPG donated to this lecture series.*

**The Kentucky Paleontological Society  
Presents: The Darwin Lecture 2000**

**Kentucky Society of Professional Geologists**  
 228 Mining and Mineral Resources Building  
 University of Kentucky  
 Lexington, KY 40506-0107  
*Address correction requested*

## Distinguished Geologic Sites: Report from the Committee

The Distinguished Geologic Sites committee has chosen not to recognize any sites for the award in 1999. Previous nominations will be carried forward for consideration next year. A new call for site nominations--with more detailed, clarified guidelines--will be available in the next newsletter.

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Lexington, KY 40506-0107  
phone: (606) 257-5500  
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## Article from the Communications Coordinator

When the law instituting registration of geologists in Kentucky went into effect, one of the statutory mandates was promulgation of a code of professional conduct that registered geologists must follow. The product of that statutory mandate is 201 KAR 31:060. Adherence to this code of professional conduct is a requirement for maintaining registration. The same code is also adopted by the Kentucky Society of Professional Geologists and members agree to follow it as a condition of membership. I will write a little about the code in this and future issues of the KSPG newsletter.

If you agree or disagree with my editorial comments or if you think I miss the point entirely, please respond. The purpose of my comments is to encourage reflection and discussion. The ambiguities, apparent or real, are an integral part of the mercurial puzzle involving science, commerce, and the public domain, that the professional geologist must continually attempt to solve.

The comments here are entirely mine and do not purport to be an official position of the Kentucky Board of Registration for Professional Geologists on the interpretation or application of 201 KAR 31:060. These remarks are an effort on my part to promote awareness and to stimulate reflection and discussion.

### Section 1. Public Trust and Welfare.

(1) The public practice of geology requires professional ethical conduct and professional responsibility, as well as scientific knowledge on the part of the practitioner.

2) Each registered geologist shall protect, to the fullest extent possible, the public health and welfare, and public and private property, in carrying out the public practice of geology.

Here we find the duty to the public on the part of the practitioner. This is the obligation that goes along with the privilege of being licensed.

### Section 2. Integrity in Professional Practice.

This section sets out some of the personal characteristics required of the registered professional geologist.

(1) Each registered geologist shall be guided by the highest standards of ethics, honesty, integrity, personal honor, fairness, and professional conduct when engaged in the public practice of geology.

The scope of this statement is very broad. There is often a whole spectrum of possible responses to the specific situations encountered by professional geologists. Here we see standards to apply in choosing among alternative responses to specific situations. Have you encountered situations in your professional activities in which components of the guiding principles given above are apparently in opposition to each other? For example, have you encountered a conflict in which a commitment to honesty might mean that you act in a way that does not appear to be in the commercial interest of your client or employer?

(2) A registered geologist shall provide professional service only when qualified by training or experience in the technical areas involved. A registered geologist may practice under the supervision of another registered geologist for the purpose of obtaining training or experience in new technical areas.

As a hypothetical question, "Is a person with training in coal geology qualified to be a consultant for an evaluation for a fluorspar mining operation?" Geologists are frequently asked to perform tasks require expertise from many different disciplines and areas of specialization within the geosciences. It is important to note that the regulation requires qualification "...in the technical areas involved," not in *some of* the technical areas involved. How does strict adherence to that principle square with the proper application of the skills you possess?

A discussion of Section 2, Integrity in Professional Practice, will continue in the next KSPG newsletter.

**I invite you to respond to this on the Kygeologist e-mail list.**

Go to the KSPG Web site at [www.kspg.org/pages/public.html](http://www.kspg.org/pages/public.html) and subscribe to the "Kygeologist" e-mail list. This is a good resource for ongoing discussion. I plan to use it to distribute and gather information. Let me hear what you think about the above or any other professional issue.

- Douglas W. Reynolds, Jr., Communications Coordinator, Kentucky Board of Registration for Professional Geologists, [dreynolds@kgs.mm.uky.edu](mailto:dreynolds@kgs.mm.uky.edu)

## **Secretary/Treasurer's Report Kenneth W. Kuehn**

Greetings, all! I hope your summer months have been productive ones, if not cool ones! I look forward to seeing you again at the 1999 Fall Field Conference. Let's try to meet or beat last year's outstanding participation!

On July 25th, 1999, the KSPG checking account balance was \$6532.70. We currently have 260 active members in our database. If you have not yet returned your 1999 dues statement and \$10 check, please do so as soon as possible. If you have misplaced the form, think you did not receive one, or have any questions about your member status with KSPG, please let me know!

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*Note: Area code for Bowling Green is now 270.*

## **Frank Derbyshire, 1945-1999**

Frank Derbyshire, a longtime director of the University of Kentucky's Center for Applied Energy Research and a Professor in the College of Engineering, Department of Chemical and Materials Engineering passed away Tuesday, August 17, 1999, from complications associated with a short illness while on a trip to England. He was 54 years old.

Dr. Derbyshire's career spanned nearly a thirty year period and concerned primarily research related to the coal and fuel sciences, carbon materials and associated environmental concerns. In 1989 he became Director of the University of Kentucky Center for Applied Energy Research (CAER). During the past ten years, Professor Derbyshire distinguished himself as a truly internationally recognized expert in coal science and carbon materials, and an effective and capable administrator of the coal research program at UK.

He is survived by his wife, Rosemary Derbyshire, three children - Zachary, Eleanor and Suzanna - as well as his mother and stepfather in England. Burial was in England.

A memorial service will be held in the near future when his family returns, but details are not yet available. For information contact Teresa Epperson 606-257-0305 or email at [epperson@caer.uky.edu](mailto:epperson@caer.uky.edu).

For more information of Dr. Derbyshire's career, visit the CAER website at [www.caer.uky.edu](http://www.caer.uky.edu).

## **Geoscience News**