Welcome alumni and friends to the 2004 edition of the G-Hawker. I am pleased to have the opportunity to greet you for the first time as the new Department Chair, and to express my gratitude for your support of the Department of Geology. I can honestly say that so far I have enjoyed the job immensely, and it is largely because of the loyal support the Department has had from you. Thanks for spreading the good name of Jayhawks and G-hawks among the geoscience community, supporting the Department and its students financially, providing advice, and providing contacts to help our students, faculty and Department.

Randy Van Schmus passed the baton to me in mid-summer. I am grateful for all of his efforts on behalf of the Department over the past five years. He has earned a well-deserved pat on the back from all of us as he makes his transition back to research and teaching and enters phased retirement.

Since the last edition of the G-Hawker, much has happened in the Department. The Geology Associates Advisory Board has instituted a new committee structure. It is invigorated with a strong sense of purpose and is actively working to further the goals of the Department, students, faculty, friends, and alumni of the Department. Some of the Board’s goals are aimed at helping our students directly, by working with the Department and other Geology Associates to increase the number and diversity of employers, interviewing our students, and funding them. Others concentrate on finding new ways to keep you better informed about how the Department is doing. Still others concentrate more on fundraising to help the Department improve the education of its students and the overall environment here. We all owe much to Bill Pollard, current Chair of the Board, for his enthusiasm and energy in leading the Board in these efforts.

The Department worked on strategic planning last year, which allowed us to evaluate how we were doing and where we should be going. It is clear that the Department is strong, but still is facing several challenges. It has grown thanks to the support of alumni, the College, and the University. We have hired a new faculty member in neotectonics recently, and we are on the verge of hiring a distinguished professor in sequence stratigraphy and a junior faculty member in microbial paleoecology. We have a great group of talented students, enrollment in courses is high, and our students are competing for and getting some of the best jobs. The faculty is working together, productive, and poised to move the Department to the next level. Success in this endeavor will in part depend on our ability to make new faculty hires to assure continuity in strong and up-and-coming programs affected by recent and imminent retirements in geophysics, carbonate stratigraphy/stratigraphy, paleontology, siliciclastic stratigraphy/sedimentology, hydrogeology, and tectonics/petrology. We also will need to work toward creating the infrastructure necessary to accommodate this growth and the changing needs of new research and educational programs. That will mean increasing technical support, increasing our endowment resources for the many new field experiences we would like to have for KU students, improving our ability to acquire some of the most sophisticated equipment, and most importantly, building an addition to Lindley Hall in which all faculty and students of the Department can work as a group to accomplish our goals. I am very optimistic that, with your help, we will attain these goals and will continue to make you proud to be a G-hawk.

Bob Goldstein, Chair
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Cover Photo: Courtesy of Dan Stockli

Publisher: Robert H. Goldstein
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Saudi Arabia is the site of one international project.

Acknowledgments: The Department and the G-Hawker editor are particularly grateful for the layout assistance of Paula Courtney at the College of Liberal Arts and Sciences Word Processing Center. The Department wishes to thank University Relations for its photographs and assistance and University Archives for photos and facts. The editor warmly thanks members of the Kansas Geological Survey for taking time to be interviewed and for help with photos. Thanks also to all Geology faculty, staff, students and alumni who cooperated with her research, interviews, photo hunts and deadlines. We also thank the KU Alumni Association for their help in contacting our alumni.


Graphic credit: Cover and pages 20 and 21 courtesy Andrew Carothers with Sprout Design.

The G-Hawker is prepared and published annually by the University of Kansas Geology Department, 120 Lindley Hall, Lawrence, KS 66045, (785) 864-5628, egravatt@ku.edu, and at http://www.geo.ukans.edu/, as a resource for alumni and friends. Articles may be reprinted or edited for reuse without special permission from the editor or the department. Editorial, publication and distribution costs are underwritten by the Krueger Fund of the Geology Associates Program of the Kansas University Endowment Association.
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**WILLIAM MERRILL**, Emeritus Professor; Ph.D., Ohio State University, 1950; sedimentology, stratigraphy.

**RICHARD A. ROBISON**, Emeritus Professor; Ph.D., University of Texas at Austin, 1962; paleontology.

**ALBERT J. ROWELL**, Emeritus Professor, Senior Curator, Museum of Invertebrate Paleontology; Ph.D., Leeds, 1953; paleontology and Antarctic geology.
New Professor Mike Taylor Due in Fall

In the fall of 2005, Mike Taylor will join KU Geology as an assistant professor of geology. Taylor’s research specialty is neotectonics, studying active faults and how they relate to regional deformation of the continental crust. He studies both current slip rates, using radar interferometry, and longer-term geologic slip rates, where he relies on fieldwork.

Taylor said many things attracted him to KU, in particular, the hope of future collaboration with Professor Dan Stockli. Because Stockli studies the initiation of faulting and Taylor focuses on very young faulting activity, the two of them can examine the full-spectrum of fault process. He was also impressed by the Department’s analytical facilities, especially the cosmogenic isotope lab. The most attractive thing about the Department, he said, was the very obvious commitment to growing, active research.

He received his bachelor’s degree at the University of North Carolina at Wilmington. He then worked in the marine geophysics area of the U.S. Geological Survey in Woods Hole, Massachusetts, where he focused on Siberia’s Lake Baikal, one of the world’s largest rifts. From there, Taylor earned his master’s and Ph.D. at UCLA, where his work focused on conjugate strike slip faults in Tibet. He will come to KU from a post-doc at Cal-Tech, where he is examining active fold and thrust belts in the Alaska Range.

Merrill Receives G-Hawker Medal

At the 2004 KU Geology Honor’s Banquet, Professor Emeritus and former Department Chair Bill Merrill received the coveted G-Hawker medal for achievements that have been critical to the long-term success of KU Geology. One very important thing Merrill accomplished while serving as chair was to initiate the Geology Associates Program. Also, he hired a core of faculty in the 1960s that helped establish KU as one of the top geology departments in the country.

“By hiring Randy Van Schmus, Pat Bickford, Roger Kaesler, and Dick Robison, Bill helped the Department begin a reputation of excellence that continues even now,” said former Department Chair Tony Walton. “The Department owes him a great debt.”

Steeples Named Honorary Professor in China

At a ceremony in Changchun, Manchuria this past June, McGee Distinguished Professor of Geophysics Don Steeples was named Honorary Professor at Changchun’s Jilin University, the largest university in China. Only 30 such professorships have been awarded, and, of these, four have been Nobel Prize winners. Also in June, Steeples gave the keynote address at the International Conference on Environmental and Engineering Geophysics held in Wuhan, China. More than 300 scientists, experts, and graduate students from 16 countries were in attendance.
Ross Black
Associate Professor of Geology

I have kept busy this year doing the basic professorial tasks, teaching, research, and service. On the teaching front, demand for geophysics courses at all levels seems to be higher than it has been in a long time. Enrollment in the basic Geophysics class has almost doubled in the last four years. Demand for classes such as Seismic Exploration and Geophysical Data Analysis changed the teaching cycle from every other year to every year recently. On the service side, I have just completed five years as graduate advisor, and will be handing the job back over to Roger Kaesler this coming year. I am still on the Academic Computing and Telecommunications Committee for the University, having chaired it last year. I am still the institutional representative to the NSF-funded consortium, IRIS (Incorporated Research Institutions for Seismology). This year is my last on the Board of Directors (after 16 years), as we voted to reorganize to better comply with our statutes of corporation in Delaware. On the research front, I have three Ph.D. students, all of whom have passed comps. Brian Macy is working on migration in anisotropic media; Linda Garinger is working on a regional gravity study in the western US; and Martin Dubois is working on using neural nets and other geostatistical techniques to classify geophysical log suites into lithofacies used to populate reservoir production models.

Tim Carr
Energy Research Section
Kansas Geological Survey

I’m teaching Petroleum Reservoir Systems and Engineering Design each spring with Tony Walton and Don Green and working with graduate students while a challenge remains enjoyable. It looks as if Troy Johnson will get his coalbed methane thesis completed, and we will get him out the door and safely working for Union in Houston. He is one of the few recent graduate students in energy research that escaped going to California.

My work continues to focus on coalbed methane, petroleum geology, CO₂, and large-scale computer information systems. I have seen lots of former students during Houston visits, and attendance at too many meetings.

Rick Devlin
Assistant Professor of Geology

I was very fortunate to have several talented undergraduates join my research group over the past year. Natalie Burris, Jessica Leuty, Melissa Marietta and Janet Patchen all worked in my lab and performed experiments that led to conference presentations and posters in Orlando (NGWA, 2003), Waterloo, Canada (GQ2004), Quebec City (CGS/IAH Joint Groundwater Specialty Conference, 2004), Austin, TX (SACNAS, 2004) and the G-Hawker Symposium (2003 and 2004) as well as manuscripts in preparation. They were really the mainstay of the program in 2003 and early 2004, since Michelle Dambacher, a graduate student working with me, didn’t get her research underway until late in the spring term. Michelle’s research is also moving forward, with a poster planned for the GSA meeting this fall. In August, three new masters students will join my group as well as a new Ph.D. student. New research will continue in the lab, at a field site in Canada, and hopefully on the floodplain near Lawrence (though that may require some additional proposal attempts to achieve).

I am looking forward to teaching Geomorphology again this fall; it was very well-received in 2003, and I am hoping to build on that success in 2004. Contaminant Transport, in the spring term, also continues to do well. In June, it led to an invitation to speak to the AEG Section in Kansas City (UMKC campus) where I discovered that the course was known to the engineers there and had a favorable and growing reputation. I hope to see increased enrollment in Contaminant Transport from K.C. in the coming years.

Lee Gerhard
Courtesy Professor of Geology
Principal Geologist, KGS

I complete retirement from the University of Kansas and the Kansas Geological Survey in January. I continue my natural resources and environment and my climate change policy work through other venues and stay active in AAPG.

My new work will be a return to petroleum exploration. I have associated with Thomasson Partner Associates, Denver, through which I will do large project exploration, and I will work smaller prospects as an independent. I continue to focus on the Williston Basin.

My research in Kansas petroleum geology continues, as does my research interest in carbonate geology. And I continue to write hunting and fishing stories, fish, hunt, and play golf. One must keep one’s priorities in order.
Bob Goldstein
Merrill W. Haas Professor of Geology and Department Chair

Last year was a fun one in which a large group of my graduate students finished theses and moved on to be gainfully employed. Erik Hiemstra did a great study on the Indian Basin field in New Mexico, and caused a stir at the AAPG meeting, convincingly arguing for a hydrothermal origin. Pete Dillett finished his study on Pliocene carbonates from Spain and formulated impressive new ideas for the controls on reservoir characteristics of heterozoan carbonates. Matt Ritter completed his study on Mississippian lowstand oolites and proposed novel ideas on reservoir characteristics, integrating sequence stratigraphy, diagenesis, and original ooid chemistry. Two visiting scientists had long stays with me last year: Mirek Slowakiewicz, a researcher from Poland working on early diagenesis of Triassic carbonates, and Maria Ochoa, a researcher from Spain working on diagenesis and metamorphism of Cretaceous sandstones. I have always enjoyed hosting these international visitors, and this year was no different. They always add something to the atmosphere and productivity of the group. One of the real pleasures this year has been watching our carbonate group continue to gel and work together. We wrote the Geotimes “Highlights of Discoveries in the Earth Sciences” article on carbonates jointly, and we have been successful with a number of co-authored publications and grants. I cannot express how enjoyable this has been. Finally, probably the most significant news is that I have made the transition into chairing the Department of Geology. I am looking forward to this new challenge and will do my best for the Department, while continuing to supervise graduate students and teach.

Stephen T. Hasiotis
Assistant Professor of Geology

I had a very busy 2003-2004 academic year and a successful research summer of 2004. This academic year is also shaping up to be eventful. I presented several papers at the Geological Society of America National Meeting in Seattle, American Association of Petroleum Geologists Meeting in Dallas, and AAPG Hedberg Conference in Baku, Azerbaijan. My SEPM short course on Continental Trace Fossils at the AAPG meeting in Dallas was a great success, with eight participants from academia and industry. I also attended an NSF workshop with Drs. Bob Goldstein and Luis Gonzalez to establish the Geosystems Program, which will study paleoclimates in deep geologic time. This fall, my students are presenting at the upcoming annual meeting for Society of Vertebrate Paleontology and GSA.

I participated with Dr. Roger Kaesler in 2004 field camp as a participant and guest instructor to learn the ropes and eventually take over instruction from Roger when he retires. Roger has put together such a smooth-running and knowledgeable three weeks at field camp that I will have to fill some very large shoes when he retires!

In the summer of 2004 I did field work with Jon Smith (my Ph.D. candidate) and Mary Kraus (University of Colorado, Boulder) in the Lower Eocene Willwood Formation in the Bighorn Basin. We have found new and interesting trace fossils that show that soil biota play a major role in soil formation. I also worked at the KU Ecological Research Station just east of Lawrence on trace-making soil biota. My most exciting research this summer was scuba diving for modern tracemaking biota and their traces in Lake Tanganyika along the shores of Kigoma, Tanzania.

I had a productive year with several papers and a large number of abstracts. The highlight was the publication of a major paper in Sedimentary Geology on the trace fossils of the Upper Jurassic Morrison Formation and their implications to understanding continental ecosystems and paleoclimate (v. 167, p. 277-368 [2004]).

Roger Kaesler
Professor of Geology
Director, Paleontological Institute; Editor, Treatise on Invertebrate Paleontology
Curator in Charge, Division of Invertebrate Paleontology, Natural History Museum and Biodiversity Research Center

I am fortunate that I am able to continue to teach Geology 560 Introductory Field Geology, the first course at field camp. The curriculum at camp comprises a number of one-day projects. That results in having to grade maps, sections, and field books every night; but the students benefit by getting feedback every morning on the previous day’s work. During the academic year I keep busy with Geology 121 Prehistoric Life and Geology 521 Paleontology, both of which are fun to teach. My on-campus courses are based on PowerPoint presentations, which allow me to incorporate a lot of visual aids. My research continues to deal with late Paleozoic faunas of the midcontinent, especially ostracodes and fusulinids. Most recently my students and I have been studying the ostracode fauna of the Baker Wetlands south of Lawrence and the late Paleozoic invasion of freshwater environments by ostracodes. Editing the Treatise occupies a lot of my time and energy and is surely one of the most fascinating undertakings in all paleontology.

Bruce S. Lieberman
Associate Professor of Geology

Currently I am on sabbatical for the fall semester at Yale University in the Department of Geology and Geophysics and the Peabody Museum of Natural History but will be...
back in Lawrence right around Christmas time. I am studying Burgess Shale type fossils from various localities throughout the world in collaboration with Derek Briggs. It has been an enjoyable and productive time, though of course I also miss the Geology Department, KU, and Lawrence. In addition to the sabbatical, the rest of this year has also been fun. I’ve been working on a project along with some colleagues in the Department of Physics and Astronomy at KU including Adrian Melott, and also with Larry Martin, courtesy professor in the Geology Department. We’ve been studying the role that gamma ray bursts may have played in mediating the late Ordovician mass extinction; I’ll be speaking in a Pardee Keynote Symposium at the GSA annual meeting on this work, which was published in the International Journal of Astrobiology. Our work was also picked up by a number of media sources including Nature.com, NewScientist.com, and a publication I actually subscribe to—the Lawrence Journal-World. We’ve also been funded by NASA Astrobiology to do some work on this for the next three years. I have a new student, Keith Berry, working on this project who is studying patterns of evolution and extinction in trilobites during this mass extinction. I’ve also been working with a paleomagnetics specialist at the University of Florida, Joe Meert, studying late Neoproterozoic and Early Cambrian tectonic events and their influence on evolutionary patterns. This work was published in the Journal of the Geological Society, London, and was featured in Science Magazine Online, Geotimes, and most importantly?, on the cover of the Lawrence Journal-World. Several other publications rounded out the year, including a paper with a former master’s student, Jim Cornette, now at the Denver Museum of Nature and Science, that was in the Proceedings of the National Academy of Sciences. I was also very pleased that my former Ph.D. student, Alycia Rode, who also won the Haworth Award this past year, landed an assistant professor job at Ohio University. She is doing quite well there, and I am very proud of her.

Beth McClellan
Associate Professor of Geology Laboratory Coordinator

Coordinating the Geol 103 laboratories and teaching Petrology kept me especially busy this year. During the spring I collaborated with other faculty in the department to choose and customize a new lab manual for Geol 103, and continue to implement revisions based on the new material. The graduate teaching assistants have been a tremendous help in this process, and I’ve enjoyed working with them immensely. In Petrology I tried a fresh approach based heavily on hands-on problem sets rather than traditional exams and met with pretty good success. We kept to the traditional site for the field trip, however—the St. Francois Mountains continue to delight budding petrologists, as well as geologists of all persuasions! My research into the tectonics of ancient mountain belts continues, and I was delighted to return to the Norwegian Caledonides this summer, where master’s student Michael Benjamin and I collected many boxes of samples for isotopic and geochemical analysis.

Carl McElwee
Professor of Geology
Chair, Promotion and Tenure Committee

I continue to teach Environmental Geology with enrollments of 50-60. It is a challenge to help some of these students understand the influence geology has on their everyday environment and understand the influence they and other humans have on the environment. There are plans to offer this course at the Edwards Campus in the future. I also continue to teach core courses for the hydrogeology program including Physical Hydrogeology and Field and Lab Hydrogeology. This semester I have 10 people enrolled in Advanced Geophysics: Finite Difference Methods (GEOL 771), the largest enrollment ever. We have recently received funding for research on measuring hydraulic conductivity distributions with high-resolution slug-testing and tomographic methods. Last fall I traveled to the University of Waterloo for a few days to collaborate with researchers there by using my high-resolution slug-testing techniques.

Gwen Macpherson
Associate Professor of Geology
Director; KU Plasma Analytical Laboratory

I continue to run the KU Plasma Analytical Lab, with record numbers of samples analyzed this year. The numbers are double last year’s number of samples, for both the IC^PAES and ICPMS, in part due to samples analyzed by Dr. Dan Stockli and students in support of their U-Th-He dating projects, and in part due to some big projects of my own and of students. I am finishing up a big project to characterize the spatial variability in a number of elemental, isotopic, and physical parameters in soils at the Konza Prairie in conjunction with Dr. Bill Johnson (KU-Geography) and a number of collaborators at the US Army Corps of Engineers. The water sampling at Konza continues—14 years of monthly data and counting—and during the past year an undergraduate who works for me has gotten interested in the ground-water flow at Konza. We’ve discovered diurnal variations in water levels during part of the growing season, as well as almost no lag time (less than one hour) between rainfall events and water level rise in the aquifer! This will be
Don Steeples  
McGee Distinguished Professor  

The bulk of my time has been consumed by a three-quarter time appointment as Vice Provost, but I still taught over 700 students in Earthquakes and Natural Disasters in the 2004 spring semester. Collaboration with George Tsoflias and several graduate students keeps my research program alive. I have found that participation in high-level administration at KU can be both stimulating and frustrating. It is stimulating to be involved in decisions that significantly affect how KU will look 15 or 20 years from now. At the same time, it is frustrating to watch our physical plant slowly decay because of lack of state funds to perform proper maintenance and renovations. Occasionally, the opportunity to influence a decision that affects the Department of Geology or the Kansas Geological Survey presents itself, and I am happy to provide informed input to those decisions.

Don Stockli  
Assistant Professor of Geology  

It’s hard to believe that another year has gone by, but I guess time flies if one is having fun. It’s been a busy but successful year since my last annual update for the G-Hawker. My research group continues to grow and now includes seven graduate students, a postdoctoral researcher, and three undergraduate students. My first three senior thesis students finished last year, and my first two masters students are defending later this semester. The KU (U-Th)/He geo- and thermochronology laboratory in Nichols Hall and the fission track facility in Lindley Hall have been fully operational for well over a year now and have seen a flurry of exciting activities from students, KU researchers, and visiting scientists. I am mostly the maintenance guy. I have also successfully continued my perpetual external fundraising drive for my research group and the laboratory, securing several new grants from both NSF and industry. Most importantly (or so my wife thinks), I was awarded funding for three years for a full-time laboratory manager for the (U-Th)/He laboratory from NSF starting in 2005. So I guess I will have even more time to travel…. Speaking of traveling, research projects have taken me and graduate and undergraduate students on many field engagements this year to places such as Nevada, California, Saudi Arabia, Chile, Argentina, China and Tibet.

On the teaching side, I still tremendously enjoy teaching the second portion of the KU summer field course and spending three weeks in the field with students. This year we left the cozy nest of the field station for the last two weeks to map volcanic rocks in the western Nevada desert. I think the students very much enjoyed this successful experiment, although living in a tent made some miss the creature comforts of the field station. Then again a soak in a hot spring at the end of the day is always a rejuvenating experience.

George Tsoflias  
Assistant Professor of Geology  

I’ve just completed my first year as a faculty member at KU, and I am very pleased to report that my new career and home in Kansas have surpassed every expectation. I have been building KU’s ground-penetrating radar and hydrogeophysics program by securing external funding from NSF, acquiring new GPR instrumentation, recruiting four graduate students, teaching courses in GPR methods and environmental geophysics, publishing my research, presenting at national and international conventions, and presenting invited talks at other universities. I have also been actively involved in KU’s shallow seismic research, collaborating with Dr. Don Steeples, securing funding from DOE, and supervising graduate student research. This year I laid the foundation of several interesting and exciting collaborative research efforts and partnerships with fellow KU geology and engineering faculty, the Kansas Geological Survey, the Kansas Department of Transportation, an engineering and geotechnical firm in Kansas City, the University at Buffalo, NY, The University of Waterloo, and the Technical University in Athens, Greece. The coming year looks very exciting and promising. One of my goals is to discover the elusive 28-hour day, but I think that I will be better off if I capitalize on our most valuable asset, the geology students.

Randy Van Schmus  
Union Pacific Resources Professor  

I spent much of the past year finishing out my term as Department Chair, with the usual amount of paper pushing, meetings, etc. I finished my term as Chair on June 30, at which time Bob Goldstein picked up the reins. Thanks, Bob. I spent much of June hosting a colleague and research
collaborator from Cameroon, Dr. Felix Toteu, during which time we worked on rock analyses and zircon age measurements. This was very enjoyable for, among other things, it marked my first analytical efforts in the Isotope Geochemistry Lab in more than a year. In July, I spent about two weeks in Northeast Brazil doing field research and about half a week in São Paulo doing collaborative lab research. Finally, I signed up for "phased retirement" beginning in August, which means I will officially be on half-time for up to five years, with one semester full-load teaching-research-service (fall) and one semester (spring) pursuing research and other personal activities at home and away with Edna.

Doug Walker  
Professor of Geology

The last year was a very busy one. The effort on cyberinfrastructure for geosciences continues, with a lot of progress in the area of igneous geochemistry and tectonics. We are well on our way to finishing the second phase of the North American Volcanic and Plutonic Rock Database (navdat.geongrid.org) and building a bigger organization for geochemistry through EarthChem (earthchem.org). Other areas are also progressing well.

IGL is humming along great with Lisa Stockli at the technical helm. We are enjoying some of the best analytical days ever! We have been concentrating on younger plutonic rocks and just finished dating a 2.8-million-year-old granite. I did not think we could do that young of a sample.

We have also made a lot of progress on field mapping for undergrads and grads using the field computer systems.

We finally have gotten setups with GPS and all the bells and whistles operating. We will be upgrading to new software this year so will be totally up-to-date on things.

Field work on neotectonics is also going well. We are starting to get our cosmogenic ages in (work all done at the KU lab), and they are really fitting into a nice story of recent deformations.

Tony Walton  
Associate Professor of Geology

I continue research on alteration of basalt glass in Hawaii and continue to teach Geology 101, Petroleum Geology, Volcanology, and Terrigenous Systems. Geology 101, with just under 400 students enrolled, is the largest class in that subject in at least 30 years and maybe ever, at KU. I was surprised and delighted to receive the van Sant Award for Excellence for my efforts in teaching our 2-week summer field trip (Geology 360, Field Investigation) for beginning geology majors. This course arose from suggestions from alumni and students that our undergraduates needed introduction to geological phenomena in the field early in their career. Generous support of Geology Associates funds makes this trip, as well as major field trips in Volcanology and Terrigenous Depositional Systems, much more memorable for the students.

At the recent dinner in honor of Haworth Award winner Bob Beu, many past recipients were in attendance. From left: Roger Kaesler, Paul Enos, Bob Beu, Virginia Ireland Beu, Dan Merriam, Bill Hambleton, Hub Hall, W. Lynn Watney, Ernest Angino (seated).
Keck Grant Paves the Way for Stable Isotope Lab

This spring, the W.N. Keck Paleoenvironmental and Environmental Stable Isotope Laboratory will be fully operational in Nichols Hall on KU’s west campus. A $450,000 grant from the Keck Foundation coupled with another $250,000 from the National Science Foundation and start-up funds to Professor Luis González has made this long sought-after technology a reality. The grant’s principal investigator, González said that coupled with the radiogenic isotope lab, which the Department already has in Nichols Hall, the stable isotope lab will establish KU Geology as one of the top programs in the country for general isotope analysis. In addition to allowing the purchase of two state-of-the-art mass spectrometers the Keck grant will also allow for the hiring of a Ph.D.-level technician to manage the facility.

Although the basic functioning of mass spectrometers hasn’t changed in the last 50 years, this new equipment represents a host of technological improvements. For example, these new mass spectrometers will allow automated sample preparation, a phase of isotopic analysis that was once very time-consuming. A researcher can now spend more time interpreting data rather than sitting in front of a machine generating it. The lab’s new mass spectrometers also allow for analysis of very small samples.

González hopes the Keck lab will be useful not only to the students, faculty and staff of the Department and the KGS, but also will serve as a regional center for stable isotope analysis. Within KU, many departments are already eager to have access to this open lab, including ecology and evolutionary biology and geography. “Whenever researchers are looking at organic matter—whether it’s plants, organic materials transported by rivers, or the organic content of soils—they will be able to take full advantage of this technology,” said González. “I hope the lab also will open doors for collaborations between institutions as well. Faculty at Wichita State have already expressed interest, and we hope Kansas State will make use of the lab’s proximity as well.”

KU Geologists Dominate Dallas Convention

Held in Dallas this spring, the annual meeting of the American Association of Petroleum Geologists was a big one for KU! Not only were Jayhawks ubiquitous at the meeting—making 32 presentations—but their contributions received prestigious awards.

The Jules Braunstein Memorial Award is given each year in recognition of the best poster session paper presented the previous year at the annual convention. This year’s award went to KGS and KU scientists and students Alan Byrnes, Evan Franseen, Lynn Watney and Marty Dubois for their poster “The role of moldic porosity in Paleozoic Kansas reservoirs and the association of original depositional facies and early diagenesis with reservoir properties.”

Each year, the best paper published in the Society for Sedimentary Geology’s *Journal of Sedimentary Research* is also recognized at the AAPG convention. This year’s award goes to alumnus Gene Rankey for his paper entitled “Spatial patterns of sediment accumulation and Holocene carbonate tidal flat, northwest Andros Island, Bahamas.”

At each convention, AAPG convenes a special poster session for students, and this year two KU Ph.D. students received awards. Galo Salcedo was awarded second place for “Depositional Environments of Lower Pennsylvanian Reservoir Sandstones, Southwestern Kansas,” and Qi Lianshuang was awarded fourth place in the session for “Geostatistical 3D Reservoir Modeling of Mississippian St. Louis Carbonate Reservoir Systems, Kansas.”
KGS Takes Multidisciplinary Approach to Tertiary Oil Recovery

Under the leadership of interim director, Bill Harrison, the Kansas Geological Survey is committed to putting the state back on the map as an energy producer. In one representative project, KU and Survey geologists and specialists in tertiary oil recovery from KU’s engineering school have been collaborating on a DOE-funded carbon sequestration and oil recovery project in a mature oil field in Russell County. Waste CO₂ captured from a nearby ethanol plant is being injected into the ground in an attempt to force remaining oil to the surface. When the oil and CO₂ surface, the CO₂ is then recycled and pumped back into the ground to repeat the process. Though the jury is still out on the project’s success, initial results look promising.

As part of this project, KGS geophysicist Rick Miller has received $2.3 million from the DOE to perform shallow seismic reflection tests to track the underground progress of the CO₂. According to the Survey’s associate director Rex Buchanan, this represents the largest outside grant the Survey has ever received.

First, Miller and KU geophysics graduate students located the extensive network of seismic lines using GPS so that with each monitoring session they could replace geophones with relative ease. The crew took initial seismic readings at the site in November, before injection of CO₂ had actually begun because reservoirs that are void of CO₂ give very different seismic signatures than those that contain it. The crew returned in January after pumping had begun and then again in early spring to take two additional readings. “This 3D seismic imaging lets you know where the CO₂ is moving over time,” Buchanan said.

Buchanan continued, “This is a phenomenal seismic data collection project that fortunately has required the involvement of many geophysics graduate students. It has been an excellent opportunity for them to get field experience collecting large amounts of seismic data on a real and challenging project right here in Kansas.”

Managing the Ogallala Aquifer

Another issue of top concern to Kansans and the Survey is the status of the Ogallala Aquifer. Long-debated has been the role that phreatophytes, primarily willows and salt cedars, play in reducing aquifer levels. For several years now, the KGS’s Jim Butler has been trying to actually quantify the effects plants have on water levels, something that up to now has been hotly argued but based mostly on anecdotal evidence.

Working along the Arkansas River near Larned and Ashland, Kansas, Butler has indeed documented diurnal changes in the water table and has been trying to correlate those changes with vegetation. For many years, rural water users have deflected criticism away from irrigation, blaming depletion of alluvial aquifers in part on trees growing along the river. The next step in Butler’s research will involve selective phreatophyte removal, which will allow him to quantify their effect on water levels.
Field Camp 2004 and Beyond

In 1996 at its annual meeting the Geological Society of America convened a symposium on the role of field camp in a modern geology curriculum. It was disappointing that some of the participants spent their time lamenting the status of field curricula. The thinking of these participants went something like this: field camp is about mapping; geologists no longer map; ergo, field camp is obsolete in a modern geology curriculum. It was unfortunate that these participants had missed completely the purpose of field geology courses, but it is encouraging that KU has retained and even expanded its focus on field geology. Our curriculum now incorporates extended field experiences in almost all our courses for undergraduate majors. This focus on field geology across the curriculum won us finalist status in a Universitywide competition for the small Department with the most outstanding teaching overall, identifying the KU Department of Geology as among the top four small Departments in the University for its teaching.

Some years ago Tony Walton articulated as well as anyone has the role of field courses. The purpose of field camp, he emphasized, is to teach students what rock units are like and how they have behaved—in pieces larger than hand specimens and smaller than mountain ranges. Students make maps, prepare measured sections, or enter information into field books not as an end in itself but as a means of showing that they understand the rocks. The purpose of KU’s field geology courses at the field camp near Cañon City is certainly not to make more maps. We have drawers and drawers of maps, and we produce more of them each summer.

Two important points need to be made. First, it is not true that geologists no longer map, but there can be no question that field mapping plays a minor role for most geologists compared to what it did thirty years ago. Most geoscientists do, however, spend much of their careers mapping the distribution of rocks in the subsurface, and the logic skills learned in solving geologic problems through field mapping last a lifetime. Second, many geologists spend much of their careers interpreting and correlating stratigraphic sections in one way or another.

With all this in mind, field instructors need to keep an ear to the ground to ensure that they provide their students with the best possible education in the interpretation of the rocks. How much time should students spend mapping structure? How much should they devote to developing an understanding of the environments of deposition and field relationships of the sedimentary rock units they study? Given that the field courses are limited to a finite duration, these are not trivial questions.

As I begin winding down my academic career, Steve Hasiotis has agreed to take over the teaching of Geology 560, Introductory Field Geology—the first course held each summer at KU’s field camp in Colorado and the only field-camp course required of all majors. At camp this summer, two important things happened. First, as Steve began feeling his way into the field projects and as I began describing to him the
Department News

Department News

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Department News

reasons for mapping—for example, the unconformity at the base of Red Hill or the faults along the base of Red Ridge—it became obvious to us that we could do a lot more than has been done in the past with stratigraphy, correlation, and environmental interpretation. Second, Danny Stockli and Doug Walker experimented with a traveling component that brought students to some exciting new areas for mapping.

In the coming summers, we will explore the proper balance between stratigraphic work, mapping, logic, and other skills in the field-camp curriculum to prepare students for their geologic careers in the best possible way. We plan to build on the foundation Tony Walton has laid with his course Geology 360, Field Investigation.

We would like very much to get the opinions of practicing geoscientists on the appropriate lessons and skills to be gained from field experiences. Field camp 2004 was a great experience. We had 24 students in the first course. The students worked very hard and seemed to make a lot of progress during the three-week course. The second course incorporated state-of-the-art computer mapping projects and explored some exciting new areas. The delivery of four new refrigerators midway through camp was appreciated this summer, but a low point was finding at the start of camp a mummified raccoon that had spent the winter in one of the old refrigerators.

We look forward to hearing from you with your views on the camp and ways in which we can make it the most effective educational experience.

– Roger L. Kaesler

Steve Hasiotis at Florissant Fossil Beds National Monument, “Now that’s a tree trunk!”
This year, I welcome Bob Goldstein as the new Department Chair, and congratulate Randy Van Schmus, who is entering phased retirement, for the great job he has done over the past five years. I will also be stepping down from the Chair of the Geology Associates Advisory Board (GAAB) this fall. I have great confidence in the advisory board members and in the new organizational structure we have established to carry on our efforts on behalf of the Department. The new chairman, Scott Adams, will have the strong support and cooperation of the board and the faculty. Scott’s organizational and leadership skills will serve as a springboard for accomplishing our biggest objectives.

Since this is the last time I will write this message, I ask you to consider the importance of your years at KU. Did you learn to love geology and geophysics as a student? I know I did. The faculty helped tremendously with their enthusiasm and subject matter expertise. They were our mentors. If you have had a successful career using your geological training, reflect on the importance of your teachers and classes in Lindley Hall, not so much on the particular subject matter, but on learning to deal with geological problems in a mature and innovative way! Over the years, you’ve come up with novel oil and gas exploration and development concepts, new environmental and geological engineering approaches, or, perhaps more importantly, basic changes in the way we think about the earth and earth processes. You’ve created breakthroughs in geological knowledge and opportunities for growth in many business and academic endeavors. The KU faculty is very proud of you for that!

If you recognize the importance of your years at KU, get involved in helping the Department expand and evolve to new levels! Work with the Alumni Relations Committee or Industry Liaison Committee to have your company interview KU students for summer internships or full-time employment or fund their research efforts. Volunteer to come to KU to talk about what you do for a living as a geoscientist. Make a leadership gift to the Geology Associates Fund or work with the Fundraising Committee to help identify who can.

Over the next five years, a very important objective is providing for the building of a large addition to Lindley Hall. The Department now has faculty spread through three buildings, and this prevents synergy among faculty and students. Geology now requires more lab facilities, and the space situation is more critical. While the faculty is very successful and provides research opportunities for many graduate students, the space in Lindley Hall has not increased. There are many emeritus faculty and visiting scientists who contribute greatly to the Department, but space is lacking for these individuals. We are searching for leadership gifts from alums and others who have benefited from our science, to be able to maintain and build the Department’s capabilities. In the next few months, you will see our plans for the building expansion, and we will need your help to get the expansion completed.

KU Geology also takes pride in stressing fieldwork and field trips as an essential part of the geological training process. The GAAB has supported a diverse program in field geology, with exceptional extended field trips and seminars, research-oriented fieldwork, and a field component in almost all of the courses in the undergraduate major. The GAAB will continue to seek your support in this important area.

In closing, I feel privileged to have worked with so many talented people, on the faculty and on the advisory board. They are doing a great job and deserve our appreciation and thanks.

– Bill Pollard
Geology Associates

Donors Are Committed to Extending Reach of KU Geology

In place since 1968, the Geology Associates Fund has provided Department alumni and their families the opportunity to provide financial assistance to the Department. Managed by the KU Endowment Association, the fund has helped the Department expand programs, fund professorships, and rise in the national rankings. The Department thanks everyone who has contributed, but it would especially like to acknowledge those who have been consistent donors, regardless of the size of their gifts. Because all contributions support the Department and its students, all gifts are appreciated.

In this issue of the G-Hawker, we would like to introduce Harvey Orth, Scott Adams, and Diana Long.

Harvey Orth (B.S. ’78)

Harvey Orth had very specific and personal reasons for establishing the Orth Water Resources Scholarship Fund. After watching his father Leo and brother Robert, in whose memories the fund was created, wrestle with water resource issues on their Kansas farm for years, he wanted to set up a scholarship fund that could help address the problems. Though his family didn’t irrigate their land, just ensuring there would be enough water for their cattle and for the basic needs of the farm was always a challenge. Orth intends for the fund to defray the cost of research and water resource activities and that it will empower students working toward a career in hydrogeology to address the very practical day-to-day water resource problems his father and brother faced, but from an academic perspective.

Water resource issues were on Orth’s mind even while he was a geophysics student in the ‘70s. Professor Don Steeple was a major influence on Orth’s thinking with his shallow seismic research. “Even though I moved into the oil and gas exploration area, the water issues were always a major concern of mine,” Orth said. “Don really influenced my thinking around this because not only was he a faculty member, but he was also a Kansas farmer and so understood what people like my father and brother were up against.”

For the past 23 years, Orth has worked for Dominion Resource Services, a Richmond, Virginia-based energy company. He is currently director of exploration and production technology for the oil and gas division and works in the company’s New Orleans office.

Scott Adams (B.S. ’73; M.S. ’75)

Scott Adams believes KU has one of the best geology programs in the country. This belief isn’t based solely on his own experience in the Department, but on that of others as well. In nearly three decades of working with Chevron, now ChevronTexaco, Adams has been impressed with the kind of geologists KU consistently produces. Also, it’s why he and other ChevronTexaco executives actively recruit at KU every year. “It’s a really strong, well-balanced program that develops people capable of working in any industry, once they find their niche.”

Adam’s own niche with ChevronTexaco is petroleum exploration and production. He is currently reservoir manager for the region of eastern Venezuela. An early love of the US national parks and a curiosity about the natural processes that created them led him to a career in geology. Petroleum geology became the route that allowed him to apply his knowledge in a challenging and interesting way.

Thanks in part to the excellent education he received from KU Geology, Adams has made a financial commitment to supporting the Department. “I’ve always felt that supporting higher education is one way that, in a global sense, we can truly address some of the problems in our society rather than just treating the symptoms. If we can better educate people then those problems might never occur in the first place.”
Students and Faculty Honored Thanks to Generous Donations

Peers nominated professor Tony Walton as the Jan F. & Mary van Sant Geology Excellence Award recipient for 2004. This award was established in 1993 by alumni Jan and Mary van Sant, of Houston, Texas, to recognize excellence in the teaching and/or research of a deserving faculty or staff member or student of the Department.

Gary R. Hecox received the 2004 Leo M. & Robert M. Orth Water Resources Award. Thanks to Harvey Orth, this fund will provide an annual award to a KU student or faculty member pursuing the geological, hydrogeological or geophysical investigation of groundwater in, or of water resources impacting the state of Kansas.

The inaugural Roscoe G. Jackson II Student Research Award was presented to Bradley D. Didericksen. This award was established in 2003 by alum Roscoe Jackson II of Eureka, Kansas, to support M.S.- or Ph.D.-level research of graduate students in the Department by supporting research activities such as field work, analytical work, and research-related travel, to provide research assistantships or scholarships, or to provide other types of support.

Diana Long (B.S. ’73)

Diana Long has liked rocks since she was a kid. Not surprisingly all it took was a KU freshman geology class, and she was hooked. The 1973 alumnau took as many geology classes as she could in part because she loved that, unlike so many other fields, geology allowed her to “look at details and get a view of the overall picture at the same time.”

Not only did Long enjoy each geology course she took, but she also appreciated all that she learned from the faculty. “It would be impossible to single out one person because they all were such outstanding teachers.”

Since she graduated, Long has worked in the materials testing industry. For the last seven years, she’s been a construction materials testing specialist with PSI, Inc. She has also done some geotechnical testing as well. Though her job isn’t directly related to geology, she said she draws the occasional cross-section and relies on much of the same fundamental principles and thinking she learned in geology.

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Beu, Enos Both Win Second Haworth

Bob Beu
B.S. ’50, M.S. ’52

Bob Beu is no stranger to the Haworth Award. In fact, both he and his wife Ginny (Ireland) Beu received student Haworth awards when they graduated, he with the Master’s and she with the Bachelor’s honors. Winning the industry Haworth Award for 2004, however, took him by pleasant surprise.

Beu credits many within the Department with helping him find his path, especially his father-in-law H.A. “Andy” Ireland. A Ph.D. candidate while Beu was a student, Bill Hambleton was a great influence on him then as he is now. Al Fischer, who taught paleostratigraphy, was what Beu called the 1950’s version of Google. “Regardless of what you asked him, he always knew the top references and saved you countless hours poking around.”

Although Beu also took a great deal of advice from then chair Robert Dreyer, he didn’t take his advice about pursuing a Ph.D. Dreyer was out of town when a representative from the California Company, a subsidiary of Standard of California and later Chevron, offered Beu $385 per month, more money than a prospective groom could refuse. “Dreyer said I would wind up in the swamps, and he was right. Ginny and I graduated on June 2nd, got married on the 3rd and reported to New Orleans on the 16th.”

During his 38-year career with Chevron, Beu’s tasks involved oil and gas exploration, recruiting and exploration management, which included geophysics and development geology, and easing the organization through the merger with Gulf Oil in the early ’80s. In 1990, he retired as general manager of exploration for Chevron’s Central Region headquartered in Houston.

Beu said Ginny’s support has made any success he has enjoyed possible, including receiving the Haworth Award. “When I was working nights and weekends, she kept the house and looked after the kids, a far more difficult job.”

Paul Enos
B.S. ’56

Although he had expected a bit of a retirement roast, it still made Paul Enos wonder when Randy Van Schmus asked him to sit at the head table at the Honors Banquet. He never suspected he would be awarded the academic Haworth Award for 2004. Other winners have the benefit of knowing in advance because the Department solicits their vitae, but after his 20 years of teaching, the Department obviously knew Enos’s excellent credentials.

“There was another sleight of hand too,” he said. “You can’t receive the Haworth while still a university employee, which I ceased being on May 15th. My fellow Haworth winner Ernie Angino had taken great pains to explain this to me. The Honors Banquet took place only two weeks after I officially retired. I have to admit it had occurred to me that I might get it sometime down the road, but I was very surprised and pleased to receive it this year.”

This isn’t the first time Enos has been recognized with the award. He received a student Haworth as well. Enos said looking at the long list of distinguished people who have received the award before him put his own selection in perspective. He felt honored to be compared with people such as Bill Fisher, recipient of the Sidney Powers Medal, the highest award given by the AAPG, colleague Jim Sorauf, and the KGS’s Dan Merriam, who won the highest award given by the Geological Society of Britain. “We’ve had some legends among our alumni,” Enos said. “To have been named among them is humbling.”
KU geologists are forever in search of the research projects with the most extensive impact on our science and on society. Sometimes these projects are found in our own back yards or our own laboratories, but commonly the geologist must travel to where that perfect field site exists. Also, many of the studies on the forefront in our field require research that treats the earth as an integrated system, not small isolated projects, but projects that contribute to a deeper and broader understanding of earth processes in a more general sense. This means that KU geologists and geophysicists must travel to the best research sites, wherever those might be. Not surprisingly then, KU Geology is one of the most widely traveled departments at the University of Kansas.

Though international work is often a very expensive proposition, the unique advantages it can provide to faculty and especially students preparing for the job market can make it well worth the initial investment. “Many KU alumni go into the oil and gas industry, which has really gone global,” said Department Chair Bob Goldstein. “The more accustomed students are to working in different cultures and geologic settings, the more attractive they are to companies. Global/mobile is the term used by one oil company recruiter.”

Not only does a background in international work prepare students for the job market, it makes them more well-rounded individuals. “The experiences they gain overseas are as much a part of their education as the research,” said professor Dan Stockli. “In Tibet, for example, the students and I actually pitch tents next to the villages where we work. The locals know we aren’t tourists and behave as they normally would. This gives us an insider’s view of the culture. “In many countries hospitality is of the utmost importance. For example, in Tibet, we’ve been offered yak butter tea, which is always rancid and horrible, but we can’t say no because we’ve been invited into a nomad’s tent to drink it. We once had to stop an 80-year-old nomad in Saudi Arabia from slaughtering his only goat because we were his guests and he had to treat us. These experiences are really life-changing and make all of us more sensitive to cultural differences.”

Logistics can create some of the greatest challenges to geological research overseas. Aside from the more obvious challenge of language barriers, researchers must often travel to remote and sometimes roadless areas to collect samples or conduct experiments. Also, inaccessibility to local logistical support can mean that a researcher must be patient; they may have to wait weeks or even months just for rock samples to return to Lawrence.

Though international situations may indeed be cause for frustration, researchers learn to remain respectful and clear in their dealings with others. Stockli said, “You can’t be confrontational or rigid. I think that’s one of the most valuable lessons you learn working overseas—adjusting your plans under fire. You’re only going to get as much done as your own abilities to adapt to an international environment allow you. Whether you’re at home or abroad, being adaptable and creating a working relationship with people is an art.”

Following are some of the international projects that KU faculty and students have underway.

**Paul Enos**

Distinguished Professor Emeritus Paul Enos and graduate students Daniel Chaikin, Marcello Minzoni, and Pei Donghong are working with the Guizhou Geological Survey to wrap up a major grant for research into four carbonate platforms that perished at slightly different times in the Guangxi Province of southwest China. These ancient sea beds represent the last gasp of seas in China during the Triassic period. The team is determining what caused each platform to die out—climate, tectonics or some combination of the two. The death of carbonate platforms is one of the hot areas of carbonate sedimentology because it has implications for the future of earth’s ecosphere and the climate and oceanographic changes that affect organisms on the sea floor in the tropics.

In the Austrian Alps, Enos and a Camaroonian colleague Elias Samankassou are doing research on cyclic sedimentation in limestones. They are working on famous outcrops of rocks deposited on tidal flats during times of fluctuating sea level.

**Bob Goldstein and Evan Franseen**

For a dozen years, Goldstein and the KGS’s Franseen have made summer trips to the resort town of Las Negras, Spain to conduct research and lead a yearly AAPG field seminar. Franseen met and married the sister of a local woman and is now related to the owners of the apartment where the two stay and the restaurant where the AAPG-field-seminar participants eat, which makes their stays there even more pleasant. Though right on the Mediterranean, the area is desert and lies within the equivalent of a U.S. national park. Over the years, a number of students have worked with...
Bruce Lieberman

Bruce Lieberman’s research into Burgess Shale-type fossils, has taken him to Kangaroo Island in South Australia. Burgess shale fossil deposits are unique in that they contain not only the mineralized external or internal skeletons of relatives of our modern arthropods but also the soft tissues such as muscles and the gut. These fossil deposits have provided a window into the life of the Cambrian period, preserving a broader diversity of anatomical information than is typically preserved in the fossil record.

Lieberman and fellow professor Steve Hasiotis have traveled to the Northwest Territories to study a variety of fossils including trilobites and trace fossils that provide evidence for the earliest terrestrial animals. They also discovered, based on excellently preserved fossil material, that a once enigmatic group of fossil organisms may be related to modern corals and anemones. Other work has revealed several new species of trilobites that suggest that a core part of Antarctica had more in common with Australia than it now does. Through these discoveries Lieberman hopes to uncover how rapid evolution was shortly after the dawn of animal life and to determine the extent to which evolutionary changes were driven by environment.

Steve Hasiotis

In addition to this research in the Northwest Territories, Hasiotis was scuba diving last summer near Kigoma, Tanzania to examine lake sediments for modern trace-making organisms. Hasiotis is developing paleo-environmental proxies for ancient lakes by studying modern examples of burrows, tracks, nests, and trails. Through this program Hasiotis hopes not only to link modern and ancient ecosystems but also to link the fields of geology, biology, and paleontology so that geologists can better solve questions and problems in the geologic record using a multidisciplinary approach. As part of this effort, Hasiotis hopes not only to link modern and ancient ecosystems but also to link the fields of geology, biology, and paleontology so that geologists can better solve questions and problems in the geologic record using a multidisciplinary approach. As part of this effort, Hasiotis hopes not only to link modern and ancient ecosystems but also to link the fields of geology, biology, and paleontology so that geologists can better solve questions and problems in the geologic record using a multidisciplinary approach. As part of this effort, Hasiotis hopes not only to link modern and ancient ecosystems but also to link the fields of geology, biology, and paleontology so that geologists can better solve questions and problems in the geologic record using a multidisciplinary approach. As part of this effort, Hasiotis hopes not only to link modern and ancient ecosystems but also to link the fields of geology, biology, and paleontology so that geologists can better solve questions and problems in the geologic record using a multidisciplinary approach. As part of this effort, Hasiotis hopes not only to link modern and ancient ecosystems but also to link the fields of geology, biology, and paleontology so that geologists can better solve questions and problems in the geologic record using a multidisciplinary approach. As part of this effort, Hasiotis hopes not only to link modern and ancient ecosystems but also to link the fields of geology, biology, and paleontology so that geologists can better solve questions and problems in the geologic record using a multidisciplinary approach.

Luis González

Much of Luis González’s work involves studying stalagmites to reconstruct ancient climates of a region and to detect relatively recent climatological signals such as El Niño and the lesser known North American oscillation. As part of a regional paleo-climate project in caves across Venezuela, he and graduate student Stacy Rosner are studying stalagmites from the late Pleistocene and Holocene to the present. Another project, which involves reconstruction of paleohydrology during the Cretaceous, has taken González and colleagues from Alaska to Columbia. González has similar work in Negril, Jamaica.

Similar paleoclimate reconstructions using stalagmites have taken González to the foothills of the Himalayas in central Nepal and to Northern Vietnam. Studying these stalagmites has revealed changes in Asian monsoon intensity over time. Paleoclimate studies such as those of González are one of the best ways in which the geological sciences can be relevant to the debate about the future habitability of our planet.
Steve Hasiotis photographed this crayfish at Lake Tanganyika in Kigoma, Tanzania. For scale, the item at left is a camera lens cover.

**Beth McClellan**

Beth McClellan’s work in Norway has concentrated on deciphering the tectonic setting of metavolcanic and related metasedimentary rocks in the east-central Caledonides, a classic area for the study of thrust and nappe tectonics and for the study of ancient ocean crust thrust onto the continent during Paleozoic mountain-building events.

She has used a combination of detailed field mapping, petrology, and geochemical techniques to test two hypotheses proposed in recent years, both of which require revisions to the traditional nappe terminology and stratigraphy. One hypothesis states that the volcanic rocks found there don’t represent oceanic crust at all but were extruded into a sedimentary basin on Baltoscandian continental crust. An opposing hypothesis holds that the rocks are exotic and formed as an oceanic arc or back-arc complex that was subsequently thrust onto the continental crust during a major plate collision. McClellan’s results support the second hypothesis, that the volcanic rocks formed in an arc-related setting and are exotic to the Baltoscandian continent.

In a new project that she and master’s student Michael Benjamin began this summer, they will further test the provenance of the metasedimentary rocks by determining the age of detrital zircons separated from them.

**Bert Rowell**

For the past several years, Professor Emeritus Bert Rowell has been working with Chinese colleagues using the presence of certain trilobites to calibrate the geologic time scale, in particular, that of the Cambrian system. A publication due out this year, will define one of these points in the Hunan Province.

**Marios Sophocleus**

The KGS’s Marios Sophocleus worked as technical advisor to the Chinese Academy of Geographical Sciences personnel on the Hetao Irrigation Project, Inner Mongolia, China. One of the largest irrigation districts in the world, the Hetao represents an area of the Gobe Desert that will be converted into an irrigated agricultural region by diverting water from the Yellow River through a series of irrigation and drainage canals. Sophocleus developed an integrated surface-groundwater ecological model of the region to assess the impacts of the project, as salinity and heavy metal pollution threaten a wetland east of the district.

**Dan Stockli**

In the Department, Dan Stockli is known for his itchy feet and adventurous spirit. He is never happier than when he out doing field research, wherever that takes him. In collaboration with the Chinese Academy...
of Sciences, he and grad students Christian Hager and T.J. Dewane are working on an NSF-sponsored project in Tibet to look at east-west extension of the crust through the Tertiary on the Tibetan plateau. From one of their research areas, they see Everest each morning. “It’s fun because it’s a total expedition. Everything gets loaded into two land cruisers and a Chinese military truck, including the gas for the trip. After travel and acclimating to our 16,000 feet work area, we camp in the middle of absolutely nowhere. The project can be a logistical nightmare, which is why we have to rely so heavily on Tibetan guides and drivers. Having a good rapport with them is essential.”

Another of what Stockli calls “a true expedition,” has taken he and KU grad student Juan Pablo Centeno to Labrador where they are collaborating with former KU geology professor John Goss (Dalhousie University) to determine the timing of extension and the erosional history the Labrador Rift margin. While there, they saw the Northern Lights, polar bears, a 175,000-head herd of caribou, and more mosquitoes than he’d like to recall. “We always carried a rock hammer in one hand, a rifle in the other and wore a big mosquito net over our head.”

In Chile and Argentina, Stockli is collaborating with the Chilean Geological Survey looking at the exhumation of the magmatic arc of the Andes, which involves determining the influence of precipitation on erosion rates as well as the influence of subduction geometry.

In conjunction with the Saudi Geological Survey and the University of Pennsylvania, Stockli and graduate student Terrance Blackburn are working on an NSF-sponsored project to look at the timing and evolution of rift architecture in the Red Sea. He said, “Despite what you might think Saudi Arabia is a very friendly and surprisingly Western country.”

He had the same to say of Iran, where he and collaborators from UCLA and the University of Tehran are looking at intra-arc extension during the Arabia/Eurasia collision in the Tertiary.

True to his European roots, Swiss-native Stockli still has a project in the Alps. He and his French and German collaborators were fortunate enough to get an entire suite of samples after the construction of the new Mt. Blanc tunnel. They are examining how the mountain is actively uplifting and deflecting the isotherms.

Randy Van Schmus

Randy Van Schmus’s work in Cameroon began when he and a colleague accepted an invitation nearly 20 years ago to the home of a KU geology student from the country. About the same time, Van Schmus attended a meeting in Brazil and met some geologists there interested in KU’s laboratory capabilities and the prospect of coordinating information from Brazil and Cameroon. “They twisted my arm, not very hard,” he said, “to collaborate with them to produce data where none existed to formulate a model about continental assembly, specifically, about the formation of the supercontinent Gondwana, which formed 500 to 600 million years ago.”

As other researchers around the world have worked on similar problems, Van Schmus and his colleagues in both Brazil and Cameroon have found that the work they’ve done in connecting the coasts of the two countries as a part of Gondwana now resonates with information collected in other places such as Southern Africa, Australia, China, Asia, and India.

After 20 years of research, he has so many samples and data backlogged that for the next two years all he’ll have to do is perform analysis and write papers. “Now the people we’ve trained will pick up the ball and run with it,” he said. “There’s no end in sight. We still have very few answers.”

The faculty and students of the Department of Geology have truly gone global/mobile in their research and teaching. Department Chair, Bob Goldstein, has high hopes for expanding the international aspects of the program even further by making international experiences increasingly accessible to students.
In Honor of KU Geology’s WWII Vets
In Honor of KU Geology’s WWII Vets

by Dan Merriam

Dedication of the Robert J. Dole Institute for Politics on the KU campus and the reunion honoring WWII veterans at KU in July of 2003 prompted this look at KU geologists who served in the “war to end all wars.” This retrospective also was inspired by the dedication of the WWII Memorial in Washington, D.C. and observance of the 60-year anniversary of D-Day this June. Many KU Geology faculty and students served in the armed forces during WWII, and it is only fitting that this issue of the G-Hawker be dedicated to them.

The Dole dedication included such luminaries as former President Jimmy Carter and former Senators Bob Dole (KS), Elizabeth Dole (NC), Arlan Spector (PA), James Baker (TN), Nancy Kassebaum (KS), and George McGovern (MN). Also in attendance were former Kansas Congressman and U.S. Secretary of Agriculture Dan Glickman, National Security Advisor Condoleezza Rice, Tom Brokaw, Bill Kurtis, and 15 Medal of Honor recipients. Activities included a reception, dinner, exhibits, and variety show, which KU Geologists Bill Hambleton and Dan Merriam were privileged to attend.

The following article includes only a partial list of KU Geology’s WWII veterans. The brief vignettes cannot do justice to the commitment of these individuals who all went on to outstanding careers in geology. Information was abstracted from materials supplied by the person unless otherwise noted.

Faculty


Louis F. Dellwig (1953-1992) Professor Emeritus. Louis served in the U.S. 9th Infantry Division in Europe; he sailed over on the United States, a liner converted to a troop ship. He enlisted in Bethlehem, Pennsylvania, and was discharged in Augusta, Georgia, attaining the rank of first lieutenant. On active duty from June 1944 to April 1946, he took part in the Battle of the Bulge and was wounded in combat, receiving two Purple Hearts, ETO Ribbon with five battle stars, the Bronze Star, Combat Infantry Badge, and a U.S. Presidential Unit Citation and the Belgian Fourragère.

Wakefield Dort (1957-1993) Professor Emeritus. Wake enlisted in the Marines in Manchester, New Hampshire, in July of 1943 and was discharged in Washington, D.C. in October of 1945. He was a second lieutenant in the Engineer Battalion of the First Marine Division. His tour of duty included Parris Island, Quantico, Camp LeJeune and, finally, the South Pacific. He landed on the beach on Peleliu (Palau Islands) at H-hour plus 1.5 hours on September 15, 1944. He also noted that he had “temporary duty as a mathematics instructor,” his first teaching experience.

*Robert M. Dreyer (1939-1953) Professor. While on leave from KU, he served in the U.S. Navy as a SEAL from 1942-1946. He attained the rank of lieutenant junior grade as an intelligence officer while investigating beaches for prospective landing sites for the invasion of the Japanese mainland (from the Dan Merriam/John Harbaugh GSA Memorial, 2000).

*Frank C. Foley (1954-1970) Professor and State Geologist. He entered the U.S. Army Corps of Engineers as a first lieutenant in 1942 and was discharged a major in 1946. He served in the North Africa (Casablanca) and Italy (Leghorn) theaters and was awarded the Bronze Star. While doing water supply work stationed in Italy, he saw an eruption of Vesuvius. He was involved with rebuilding city water supply systems as well as water supplies for the U.S. troops (from Barbara Foley Meeker).
John Imbrie (1948-1952) Assistant Professor. He served with the U.S. Army 10th Mountain Division in Italy as a private first class from June 1944 to October 1945. John, a combat veteran, was wounded in action in Italy’s Po Valley by shrapnel. He was awarded the Combat Infantry Badge.

*Raymond C. Moore* (1916-1974) Professor and State Geologist. Moore accepted an appointment in the U.S. Army in August of 1929, entered active service in October of 1942, and was honorably discharged in 1953. He took a leave from KU in 1943 to serve in the Office of the Quartermaster General. He was commissioned a captain in the Corps of Engineers and reached the rank of major and later served as an advisor on General Douglas MacArthur’s staff in Japan after the war (from Dan Merriam).

Walter L. Youngquist (1953-1957) Professor. Walt served on the *USS Subchaser* 789 in the North Atlantic and later was second navigation officer on the heavy cruiser *USS Bremerton* (CA130). He noted that 89 of the 1,100 in basic training were not subject to seasickness, so 50 of them were assigned to subchasers, including him.

KU Students

Unfortunately, only a small sample is included here.

C. Roger Allen (B.S. ‘50) saw duty in the U.S. Army in both the ETO and the Pacific. He attained the rank of tech fifth grade with the 75th Infantry Division, HQ Battery, Division Artillery; the ASTP; and the 97th Infantry Division, HQ Battery, Division Artillery (battle outfit). In addition to his campaign ribbons, “Rog” was awarded the Good Conduct Medal! His unit ended up in Czechoslovakia on VE Day and fired the last artillery shots of the war. After VJ Day, he was sent to serve in the occupation forces in Japan.

Karl Edmund Becker (1939-1941; 1942-1945) enlisted in the Army Air Corps at Lowry Field, Denver, Colorado, and was discharged at Fort Leavenworth, Kansas. He was a captain in the 379th Bombardment Group (Heavy) of the 8th Air Force in England.

*Arthur Bowsher* (1941-1942; 1946-1947) served as a captain in the U.S. Army infantry in southeast Asia. As an officer in the Corps of Engineers, he helped build and maintain the Burma Road over the “hump” from Burma to China (from Dan Merriam).

James (Jim) F. Burford (B.S. ‘50) enlisted in the U.S. Navy in Longton, Kansas, and was discharged at Norman, Oklahoma. He served from June 1945 to July 1946 when he enrolled at KU. He was a yeoman 3rd class serving on the *USS YMS* 446 (minesweeper) in Japan during the winter of 1945.

Don F. Carlos (B.S. ‘47) Lt. JG Carlos served on the *USS Devosa* (AKA27) in the Pacific theater delivering supplies and troops to their destinations including landing a marine transport battalion during the Idinawa invasion. He enlisted in late 1942 in Kansas City (sworn in by Lt. Sam Evans, Ray Evans’ older brother) and discharged at Great Lakes NTS (Chicago) in the spring of 1946. He attended Midshipman’s School at Northwestern and was stationed at the Pre-commissioning Training Center, Newport, Rhode Island, while waiting for the commissioning of the Devosa. One night falling behind in the convoy, Don, who was officer of
the deck, notified engineering officer John Kenefick that they were slowing down. Kenefick said, “Perhaps we’re going uphill.” After the war, Kenefick became Chairman of the Union Pacific Railroad.

James (Jim) B. Cooper (B.S. ‘40) While serving in the U.S. Infantry during the Italian campaign, Jim’s platoon was ordered to withdraw. He stayed to provide covering fire. Though wounded, he manned a machine gun and held the position until he was able to withdraw under cover of darkness. He was awarded the Bronze Star for gallantry (from Tim Kelly).

Stanley Davis (M.S. ‘51) Drafted in the U.S. Army in March 1943 at Modesto, California, Stan was discharged in February 1945 at Camp Beal, California, was a T/4 in the 50th Engineers attached to the 7th Division in Leyte in the Philippine Islands. Then he took part in the battle of Okinawa before serving in the “peacekeeping” forces in Korea. He designed buildings for military use, but his large pride and joy, a wood-frame firehouse later burned to the ground.

Jules R. DuBar (Ph.D. ‘58) was a seaman 1/C in the US Coast Guard from 1942 to 1945. Jules entered the service at Cleveland, Ohio and was discharged at Detroit, Michigan. He served on the USS Pocatella (PF-9), a patrol frigate in the North Pacific and received the Good Conduct Medal. He was on the U.S. Coast Guard boxing team in New London, Connecticut.

Ira Dubins (M.S. ‘48) Ira was in the Army Air Corp during WWII and with the Korean conflict. He enlisted in Boston in 1942 as an aviation cadet. Upon completion of school in Grand Rapids, Michigan, he was commissioned a second lieutenant as a meteorologist and stationed at Pueblo, Colorado, and at MacDill Air Base near Tampa, Florida. He flew B17s and B29s with the 3rd Air Force and was discharged with the rank of captain. He remained in the reserves only to be recalled to active duty in 1951, serving in Germany with the 8th Air Force. He notes he never lost a plane to weather in his five years of active duty.

Alvin (Al or Duff) E. Dufford (M.S. ‘53) enlisted in the U.S. Army Air Force in Pittsburgh, Pennsylvania, and was discharged in Tampa, Florida. He attained the rank of private first class and served in the Air Photo Unit 1.52: Operation Crossroads Task Group 1.5 at Kwajalein Atoll, Marshall Islands. Operations Crossroads tested the atomic bomb in the air on July 1, 1946 over Bikini lagoon and the first underwater atomic bomb at Bikini on July 25, 1946. Al was a camera technician helping to install and repair aerial cameras that took the photos.

Paul Fairchild (M.S. ‘49) was called up in the Army while an ROTC cadet at KU in May of 1943. He took basic training at Ft. Knox, Kentucky, came back to ASTP at KU, and then was on to Ft. Benning, Georgia for officer training. He was commissioned a second lieutenant and sent to Ft. Meade, Maryland, where he met his wife Becky. From there, he went to Camp Adaire in Oregon, and then back to Bremen, Germany to serve in the occupation. He was discharged a first lieutenant in June of 1945 in time to enroll at KU in the fall.

Robert O. Fay (Ph.D. ‘61) was drafted into the Army at Jefferson Barracks, St. Louis, Missouri, in May of 1945 and discharged at Fort Sheridan, Chicago, Illinois, in September of 1945. He took basic training at Fort. Lewis, Washington, medical training at Fitzsimmons General Hospital in Denver, Colorado, and interned at Dibble General Hospital in Menlo Park, California. He was a private first class medic and served in the 279th Station Hospital in Berlin until his separation from the service.
Philip L. Ferguson (B.S. ‘49) Phil was a signalman 2nd class serving on the attack cargo ship the USS Uvalde (AKA88) in the Pacific. He enlisted in 1943 in Kansas City, Missouri, took his boot camp and signal school in Farragut, Idaho, and was discharged in 1946 in Great Lakes, Illinois. At Farragut, he was on the cross country team and was the class honor man. He notes that he survived a typhoon in the China Sea and was part of the invasion force to retake Luzon and Mindoro in the Philippines. He was witness to the mysterious explosion of the ammunition ship, the Mt. Hood, in Milne Bay Manus Island in New Guinea.

Dwight C. Gilkeson (B.S. ‘47) “Gil” enlisted in the Army Air Corp Cadet Program in the summer of 1942 at Fort Riley. He was commissioned a second lieutenant and received his pilot wings at Luke Field in Phoenix. After additional training at Randolph Field in San Antonio, he was assigned to Merced, California, as a basic training pilot instructor. Volunteering for combat duty, he served as a flight engineer and copilot on B25, B17 and B24 aircraft. He was assigned to a B29 crew at Roswell, New Mexico, at the end of the war and was discharged in December of 1945. His most vivid memories are of a wild VJ day celebration and the sobering experience of losing seven cadet classmates through crashes while at advance training.

*Hugh Clair Gillin (B.S. ‘50) Clair (to his friends and Hugh to others) served as a sergeant in the U.S. Army Infantry in Germany. He was a squad leader in the 100th Infantry Division and wounded in combat. He was awarded the Purple Heart, Bronze Star, and the Combat Infantry Badge. He enlisted and was discharged in Pittsburg, Kansas. After the war, Clair played basketball for Phog Allen on the KU varsity team.

Edwin D. Goebel (Ph.D. ‘66) served in the U.S. Army from February 1943 to April 1946 and was in the inactive reserves until 1949. He was in the 111th AA Battalion and 60th Armored Infantry Battalion of the 9th Armored Division, seeing combat in Europe just after D-Day. His Battalion captured the Ludendorff Bridge over the Rhine River at Remagen in March of 1945, an event recognized by historians and Andy Rooney as a major turning point of World War II in Europe. He was awarded the Combat Infantryman’s Badge, two Battle Stars, and a Good Conduct Medal. His promotion to staff sergeant was combat-connected for his service with Bradley’s First and Patton’s Third Armies.

William Jeffries (Jeff) Greer (B.S. ‘49) He enlisted in the U.S. Marines in Kansas City, Missouri, in March 1943 and was discharged at San Diego, California, in February of 1946. He served in the U.S. First Provisional Marine Brigade, Sixth Marine Division in radio operations in combat in the Pacific Islands, including Guadalcanal, Guam, and Okinawa. He attained the rank of corporal and notes, “Marine tradition says ‘once a Marine, always a Marine,’ I still am. Gung Ho!”

William W. Hambleton (Ph.D. ‘51) Bill was a decorated sergeant seeing combat in Europe with the U.S. Army 84th Infantry Division, 335 Regiment, G Company in the invasion of the continent. He was awarded the Bronze Star, European, African, and Middle Eastern Campaign Medals with Bronze Stars for the Siegfried Line, Ardennes, Rhine, and Elbe Battles and the Belgian Fourragère Unit Citation. Bill enlisted in Lancaster, Pennsylvania, in 1942 and was discharged at Indiantown Gap in December of 1945. He was in the inactive reserves until December of 1948.
**John Harbaugh** (B.S. ‘48, MS ‘50) At 17, John enlisted in the U.S. Navy’s V12 officers training program in Cleveland in 1944. He was sent to Denison University and later transferred to KU. He was an apprentice seaman while in the V12 program and, upon graduation, was commissioned as an ensign. With the war over, he was discharged in 1946 in Norman, Oklahoma. Later, as a member of the Naval Reserve, he served as a gunnery officer aboard the *USS Iowa* (BB61).

**Frank D. (Bud) Holland, Jr.** (B.S. ‘48) Bud enlisted in the U.S. Navy V12 program at Kansas City, Missouri, in November 1942 and was separated from active duty at Philadelphia, Pennsylvania, in July 1945. After attending Oberlin, he was commissioned as an ensign at Midshipman School, Columbia University (New York). Bud was then assigned to the *USS Quick* (DD490), later converted to a destroyer minesweeper (DMS32). After a shakedown cruise out of Norfolk, they steamed to Honolulu and on to Sasebo, Japan, there escorting LSTs repatriating Korean refugees to Fusan.

**Charles R. King** (B.S. ‘51). Charlie was a seaman first class and served on the *USS Mount Vernon* in the Navy from 1944 to 1946. He enlisted in Kansas City and was ‘let out’ in St. Louis. His best remembrance was seeing Mt. Vesuvius in Naples in early 1945.

**John (Jack) W. Koenig** (M.S. ‘51) Jack enlisted in the U.S. Air Force in South Orange, New Jersey, in 1942. He worked for two years as the chief draughtsman for the Tactical Missions Office of the Headquarters Squadron of the 8th Air Force in England as a staff sergeant. He recalls that on one occasion a high-ranking general walked into his office while he was running blueprints, and he had to explain what he was doing. Jack found out later that the man was none other than General Carl “Tooey” Spaatz, the first chief of staff of the U.S. Air Force (from Karl Koenig).

**Ross H. Ley** (‘42) Ross enlisted and was discharged at Ft. Leavenworth, Kansas. He served in the Coast Artillery, Quartermaster Corps from June 1942 to June 1946. Attaining the rank of captain, he served in the southwest Pacific as Base Petroleum Officer and Company Commander of the 834th Gasoline Supply Company, Base ‘G,’ Hollandia, Dutch New Guinea. He was one of three U.S. Army officers assigned to remove the American flag when Base ‘G’ was transferred to the Dutch and was present from the time Base ‘G’ had 96,000 troops to 650 at the end.

**Raymond K. Mann** (B.S. ‘49) Ray served with the 69th Infantry Division of the U.S. Army in Europe. Ray enlisted in November of 1942 in Lawrence, Kansas, was called to active service in March of 1943 and was discharged in April of 1946 at Ft. Leavenworth. As a private first class, he was awarded the Combat Infantry Badge, Bronze Star (MS), and EAMET Medal with two battle stars. “Members of my division were the first allied troops to make contact with the red army,” Ray said. “In April 1995, 70 other 69th veterans and I met with members of the 58th Ukrainian Guards Division to observe the 50th anniversary of this linkup at Torgu, Germany on the Elbe.”

**William (Bill) McBee, Jr.** (M.S. ‘48) Bill enlisted in the Navy at Tulsa and attained the rank of second class airborne electronics technician. He served at the Naval Air Station in Alameda, California. Because the Navy had “no place for a geologist, I elected to go into electronics, which was my hobby, amateur radio operation.” Although he was offered a commission to stay in, he declined and decided to attend KU for an M.S. under R.C. Moore and L.R. Laudon.
Duncan J. McGregor (B.S. ‘43; MS ‘48) Duncan enlisted in the US Navy V-7 program in May of 1943 in Kansas City and was discharged in June of 1946 in Boston. He attained the rank of lieutenant junior grade and served as a communications officer on the escort aircraft carrier, *USS Thetis Bay* (CVE 90) in the Pacific. He notes that he traveled about 1,120,000 miles on ship as they took new planes to the front, brought back the duds and also transported such things as ice cream and toilet paper.

John W. Meek (B.S. ‘48) John enlisted in Kansas City, Missouri for the Navy’s V-12 program in the summer of 1943 and was placed in the unit at Oberlin College. He was then sent to Midshipman’s School at Columbia University and the Amphibious Training Center, Little Creek, Virginia. As a lieutenant junior grade, John served on the *USS LSM 284* at the Naval Air Basin in Kwajalein. He was discharged at the Great Lakes Naval Training Station in Chicago in the fall of 1946.

Daniel F. Merriam (B.S. ‘49; M.S. ‘43, Ph.D. ‘61) Dan enlisted in the Navy in Albany, New York, in 1944 and, when he was 17, took boot camp at Sampson Naval Station in upstate New York. He graduated from electrician mate’s school in Gulfport, Mississippi. He was an F1/C (EM) serving on the *USS Washington* (BB56) and *USS Calleo* (IX205), an experimental ship testing black light, heat sensors, and electronic gear, before being discharged in 1946 at Lido Beach, New York. He was in the inactive reserves from 1948 to 1952 but not called up for the Korean Conflict.

Dean Miller (B.S. ‘49) Dean enlisted in the U.S. Army ASTC program in 1944 in Fort Leavenworth, Kansas, and was sent to Colorado State University. After basic training, he went to Oregon State serving from June 1944 to September 1946 in an ASTP Engineers Unit as a private first class. He finished his army career in the Corps of Engineers and discharged at Ft. Lewis, Washington. Dean noted that “not everybody can be in the Army for 27 months and only get to be a PFC.”

Calvin G. Noah (1967-68) Cal was drafted, or, as he put it, volunteered for the draft, shortly after the battle for the Ardennes (Battle of the Bulge). He had infantry training at Camp Fannin, Texas, and then shipped out to the Pacific Theater of Operations as an unassigned infantry replacement. The *Enola Gay* episode changed the mission to one of occupation and his unit, the 161st Station hospital, was stationed at Fujisawa near Yokohama and later moved to Sapporo attached to the 187th Parachute Infantry Regiment of the 11th Airborne Division.

Howard G. O’Connor (M.S. ‘59) Howard was inducted into the Army in July of 1944 at Ft. Leavenworth and discharged at the Separation Center, Ft. Sheridan, Illinois. He served in the Army Medical Corps at the 70th General Hospital and 225 Station Hospital (Leghorn, Italy) in the European Theater and at 10th Station Hospital (Ft. Mead, Maryland) as a staff sergeant. He was awarded the Victory Medal, American Theater Ribbon, European, African, and Middle Eastern Theater Ribbon, and a Good Conduct Medal. His wife Virginia was a seaman first class in the Coast Guard SPARS.

James M. Parks (B.A. ‘48) Jim was drafted in the Navy--despite his protest that he wanted to be in the Army mountain troops--at Ft. Leavenworth and discharged at Great Lakes Navy Base, Chicago, Illinois. He went to boot camp at Camp Waldron near Coeur d’Alene, Idaho, was sent to V-12 pre-officer training at Valley City, North Dakota, and then to Midshipman School at Northwestern. Upon completion of his studies, Jim was commissioned as an ensign and assigned to the antiaircraft light cruiser *USS Reno* (CL96). After VJ Day, the *Reno* was stripped down to ferry soldiers back from Europe. Jim experienced an earthquake on shipboard while anchored in Puget Sound.
*Jack W. Pierce* (Ph.D. ‘64) Jack was enlisted in the U.S. Navy at Springfield, Illinois, at the age of 17 in 1944. His training was at Gulfport, Mississippi, and he was in the Signal Corps as a QMQ/3, V-6. He was also stationed at NTC Great Lakes, Mine Assembly Basin, Navy #128 and served on the minesweeper *USS YMS 163* and *USS Titania* (aka 13), an attack cargo ship. He was honorably discharged at Great Lakes in 1946, enlisted in the US Navy Reserves (inactive), and was appointed as an ensign in 1951. Jack passed away in February of 2004. (From Beverly Pierce)

*Albert Nelson Sayer* (1923-24) Albert was with the USGS for most of his professional career, but during WWII, he served as a civilian advisor to the U.S. Navy in the Southwest Pacific. In addition, he directed preparations for pre-invasion intelligence reports on water supplies in Europe and North Africa. In 1946, he received the Medal of Freedom. (From Marilyn Schnackel Meek)

**Richard (Dick) L. Shields** (B.S. ‘48; 1948-49) Dick (center of photograph) enlisted at Strother Field, Kansas, in June of 1943. He was an aviation cadet, pilot, and in twin- and multiengine combat crew training for the B26 Martin Marauder and B17 Flying Fortress as a second lieutenant flying officer. He was a member of the 3rd Air Force Training Command. Dick celebrated VE and VJ Days at Dyersburg Tennessee Army Air Force Base, being discharged in November of 1945 to return to KU to finish his geology degree.

**Albert N. Tyler** (B.S. ‘50) Albert enlisted in the Army Air Force in June of 1943 at Ft. Leavenworth and served in the South Pacific with the 390th Bombardment Squadron (Medium), 42nd Bomb Group, 13th Air Force until discharged in 1946. Al made staff sergeant flying combat missions as an aerial gunner on a B25. He flew 38 combat missions and was shot down over Zamboonga, Philippines on his 7th mission but was picked up in a harrowing rescue by a PBY. He was awarded a Purple Heart, an Air Medal with a Bronze Oak Leaf Cluster, an Asiatic Pacific Service Medal, and a Philippine Liberation Ribbon with one Bronze Star.

**M.L. (Mike) Vance** (B.S. ‘50) Mike served in the U.S. Air Force starting at Ft. Leavenworth then in Biloxi, Mississippi; Pampa, Texas; and Springfield, Ohio. In San Antonio as an Air Force cadet, he trained in aircraft identification, Morse Code, and other essential skills. From there, he went to Amarillo for B29 training in flight engineering. Not long after going to Amarillo, the bombs fell on Japan, “so, to my knowledge, no one in our group was shot at or wounded.”

**Robert W. Zinser** (M.S. ‘50) Robert enlisted in the U.S. Army in Urbana, Illinois, and was discharged at Ft. Sheridan, Illinois. He served as a second lieutenant in Field Artillery on active duty in 1945 and was in the reserves from 1945 to 1958.

*Deceased*
Degrees Awarded December 2003–May 2004

Graduate Degrees

Gary R. Hecox Ph.D.
“GIS Integration and Error Analysis for Hydrogeologic Evaluations”

Alycia L. Rode Ph.D.
“Invasive Species and Biodiversity Decline: Investigating the Connection Between Biogeographic and Evolutionary Patterns During the Late Devonian Biodiversity Crisis”

Hongmei Cao M.S.
“Saturated Thickness Changes and the Related Factors in the Central Ogallala Aquifer”

Jennifer L. Castle M.S.
“Diversity and Succession of Freshwater Ostracoda in the Baker Wetlands, Douglas County, Kansas: A Base Line Study”

Jennifer M. Clark (Powers) M.S.
“Seismic Response of Attached Geophones to Tubing”

Peter Dillett M.S.
“Paleotopographic and Sea-Level Controls on the Sequence Stratigraphic Character of a Heterozoan Carbonate Succession: Pliocene, Carboneras Basin, Southeast Spain”

Erik Hiemstra M.S.
“Diagenesis and Fluid Migration History of the Indian Basin Field, Eddy County New Mexico”

Elizabeth Johnson M.S.
“Imaging the Cone of Depression Around a Pumping Well Using Shallow Seismic Reflection”

Jonathan P. Lange M.S.
“Stratigraphy, Depositional Environments and Coal Gas Resources of Cherokee Group Coals (Middle Pennsylvanian)-Southeastern Kansas”

Kristen Myshrall M.S.
“Pennsylvanian Brachiopods: Survivorship, Population Structure, and Response to Influx of Mud in the Midcontinent of North America”

Rodrigo Pellegrini M.S.
“Mosasaur Skeletochronology and Aleohist osteology”

Julie B. Retrum M.S.
“Early Permian, Carbonitidae (Ostracoda, Crustacea): Ontogeny Affinity, Environment, and Systematics”

Matthew E. Ritter M.S.
“Diagenetic and Sea-Level Controls on Porosity Evolution for Oolitic and Crinoidal Carbonates of the Mississippian Keokuk Limestone and Warsaw Formation”

Undergraduate Degrees

Geology Degrees

Robert Lee Elder B.A.
Anthony Maltese, Jr. B.A.
Jane Christian Sutherland B.A.
Mohammad Abdul Rida Adullah B.S.
Terrence Joseph Blackburn B.S.
Nicholas G. Butel B.S.
Kelly Duane Hoyt B.S.
Rachel Elizabeth Mathis B.S.
Brian Christopher Meyer B.S.
Kimberly L. O’Neal B.S.
Jessica Elizabeth Poteet B.S.
Julie L. Pyle B.S.
Andrea R. Schiller B.S.
Nathan David Winters B.S.

*Graduated with Departmental Honors
†Graduated with Highest Distinction
2004 HONORS BANQUET

The Department of Geology faculty and students met for the annual Honors Banquet on May 15, 2004. Some of the following honors, fellowships, scholarships, and awards were announced:

VAN SANT
GEOLOGY EXCELLENCE AWARD
Anthony W. Walton

ERASMUS HAWORTH HONOR AWARDS
Outstanding Undergraduate Student
Rachel E. Mathis
Outstanding Master’s Student
Peter M. Dillett
Outstanding Ph.D. Student
Alycia L. Rode

LEO M. & ROBERT M. ORTH WATER RESOURCES AWARD
Gary R. Hecox

ROSCOE G. JACKSON II
STUDENT RESEARCH AWARD
Bradley D. Didericksen

FELLOWSHIP NOMINATIONS
ChevronTexaco
Bradley Didericksen – Summer
Michael Bruemmer – Academic Year
Jessica Poteet Ludwig – Academic Year

SUMMER SUPPORT
Ralph C. Lamb, Jr. Geology Fund
Vionette DeChoudens
Anthony Hoch
August L. Selig Summer Research Grant
Kenneth Bader
Terrence Dewane
Debra Jennings
Stacy Rosner
Emily Tremain

GRADUATE SCHOLARSHIPS
Angino Geochemistry Scholarship
Terrence Blackburn
Lloyd Henbest Scholarship
William Berry
Jon Smith
Frederick T. Holden Scholarship
Terrence Dewane
Christopher Tincher
H. A. & Elsie Ireland Scholarship
W. Matt Brown
Fatma Ouachouche
Ralph C. Lamb, Jr. Geology Fund
Bradley Didericksen
Dean A. McGee Scholarship
James Adamski
Brett Engard
Joel Rodriguez
Jeff Schroeder
Raymond C. & Lilian B. Moore Scholarship
Michael Bruemmer
Stephen Schurger
Joseph Patterson Scholarship
Huang Bei
Andrew Madof
James A. & Rowena E. Peoples Scholarship
Gerard Czarnecki
Jamie Lambrecht
Steve Sloan
Paul Vincent
Ray P. Walters Scholarship
Brian Platt

UNDERGRADUATE SCHOLARSHIPS
Imogene A. Herndon Scholarship
Kimberly Kissing
Frederick T. Holden Scholarship
Keith Beisner
Jared Jevons
Elizabeth Mueting
Ralph C. Lamb, Jr. Geology Fund
Melissa Marietta
Lehman Scholarship
Victor Vaca
Dean A. McGee Scholarship
Natalie Burris
Robert Eslick
James A. & Rowena E. Peoples Scholarship
Michael Christie
Ray P. Walters Scholarship
J. Wesley Humenczuk

GEOLOGY 360 SCHOLARSHIPS
Bradley Memorial Scholarship
Jared Jevons
Frederick T. Holden Scholarship
Robert Brewer
Alec Waggoner
Lehman Scholarship
Cody Buller
Mike Hollman
Marc McMiller

FIELD CAMP SCHOLARSHIPS
Louis F. & Bets Dellwig Field Camp Scholarship
Natalie Burris
Michael Christie
Robert Elder
James Lyons
Paul Vincent
Frederick T. Holden Scholarship
Kelly Wooten
James A. & Rowena E. Peoples Scholarship
Robert Eslick
Ray P. Walters Scholarship
Melissa Marietta
### STUDENT GRANTS AND AWARDS

<table>
<thead>
<tr>
<th>Student Name</th>
<th>Grant Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>W. Matthew Brown</td>
<td>Scholarship, given by the Kansas Geological Foundation: $600</td>
</tr>
<tr>
<td>Terrence Dewane</td>
<td>Grant, given by Sigma Xi: $450</td>
</tr>
<tr>
<td>Robert Eslick</td>
<td>2004/2005 ExxonMobil Upstream Research Co. Society of Exploration Geophysicists Scholarship, given by ExxonMobil: $2,000</td>
</tr>
<tr>
<td>Natalie Givens</td>
<td>Scholarship, given by the Dallas Geological Society: $500</td>
</tr>
<tr>
<td></td>
<td>Scholarship, given by the SW Section of the American Association of Petroleum Geologists: $1,500</td>
</tr>
</tbody>
</table>
| Daniel Hembree        | Merrill W. Haas Memorial Grant, given by the American Association of Petroleum Geologists: $2,000  
Bryan Patterson Award, given by The Society of Vertebrate Paleontology: $2,000  
Ogden Tweto Memorial Grant, given by the Colorado Scientific Society: $1,000  
Panorama Society Small Grant, given by the University of Kansas Natural History Museum and Biodiversity Research Center: $700 |
| Debra Jennings        | Jurassic Foundation Research Grant, given by the Jurassic Foundation: $2,500  
Panorama Society Small Grant, given by the University of Kansas Natural History Museum and Biodiversity Research Center: $500  
Sigma Xi Research Grant, given by Sigma Xi: $200  
Karl Hirsch Memorial Grant, given by the Western Interior Paleontological Society: $100  
SEPM Travel Grant, given by the Society for Sedimentary Geology: $400  
Student Research Grant, given by the Clay Minerals Society: $1,428 |
| Emily Laut            | Scholarship, given by the Association for Women Geoscientists: $500                                                                       |
| Michael McGlashen     | James & Mary Dawson Scholarship, given by the St. Andrews Society of Washington, D.C.: $5,000                                              |
| Galo A. Salcedo-Maridueña | Second Best Student Poster Presentation, given at the national convention of the American Association of Petroleum Geologists: $500 student/$1,000 dept. |
| Christopher Tincher   | White Mountain Graduate Student mini-grant, given by the University of California: $1,074                                                  |
| Paul Vincent          | Scholarship, given by the Kansas Geological Foundation: $600                                                                            |
AAPG Alumni Reception ‘04

KU Geology alumni Scott and Diana Adams

Gianni Mallarino, Anita Csoma (Ph.D. ’03) and Marcello Minzoni (Ph.D. candidate)

KU Geology Assistant Professor Jennifer Roberts

Recent graduates Erik Hiemstra (M.S. ’04), Peter Dillett (M.S. ’04), and Lianshuang Qi (Ph.D. candidate)

Jan van Sant (M.S. ’58, Ph.D. ’63) and fellow alumni Jim Funk (Ph.D. ’77)

Kathy Pollard and past Chair Randy Van Schmus

Honors Banquet ‘04

Drs. Randy Van Schmus (left) and Tony Walton (right) with recipients of undergraduate, academic year scholarships: Kim Kissing, Keith Beisner, James Snow, Natalie Burris, Melissa Marietta, Jeannie Byrne, and Emily Lauts; Associate Dean Rob Weaver in foreground

Drs. Roger Kaesler (left) and Randy Van Schmus (right) with recipients of Summer 2004 Field Camp Scholarships: from left-back row, Emily Tremain, Kelly Wooten, Paul Vincent, Melissa Marietta, Emily Laut, Robert Elder; front row, Natalie Burris, Jeannie Byrne; Associate Dean Rob Weaver in foreground
Post-hooding and New-Student Receptions ‘04

Jennifer Castle (M.S. ‘04) and Matt Ritter (M.S. ‘04) take a moment to relax before walking down Campanille hill.

Liz Gravatt (Geology Dept. Administrative Assistant) shares a congratulatory photo with Alycia Rode (far right, Ph.D. ‘04) and Alycia’s mother and sister.

Professor Emeritus Paul Enos (right) feels strongly about the point he’s making to incoming M.S. candidate Nazim Louni.

Members of the Geology Department Class of 2004: Ed Washburn (M.S.), Peter Dillett (M.S.), Erik Hiemstra (M.S.), Jennifer Castle (M.S.), Matt Ritter (M.S.), Julie Retrum (M.S.), Alycia Rode (Ph.D.).

Students start the academic year at a mixer hosted by Randy Van Schmus, past Chair, and Bob Goldstein, Chair.

Peter Dillett (M.S. ‘04) displays his Haworth Honor Award for Outstanding Master’s Student, presented by Randy Van Schmus, past Department Chair (left), Bob Goldstein, thesis committee co-chair, and Evan Franseen, thesis committee co-chair (far right).
1942

ALLEN, CHARLES M., 7821 E. 76th St., Apt. 403, Tulsa, OK 74133. BA ’42. 2nd World War resumé - Early part of war - Employed by U.S. Coast & Geodetic survey - Mapping Atlantic Coast area with War Mapping Party. Later during war - Employed by “Raw Materials Division of the Manhattan Project (Nuclear Bombs).” Locating uranium mineral deposits in the four corners area and around Silver City, N. Mex.

FERRY, NEIL, 3411 Rigby Circle, Valdosta, GA 31605. BS ’42. Retired principal process engineer with the Ralph M. Parsons Company in 1983. My wife, Terry, and I are enjoying retirement in south Georgia—so far out of the hurricane paths. We have attended Elderhostel programs from Arkansas to New York. We particularly liked one offered at Frost Valley, NY YMCA, when we bicycled along the Hudson River in early October. We stayed at a different inn each night. You can really see fall colors traveling on the back of a bicycle. I always look forward to the alumni news and pictures. Think I might be in the Missouri field trip shown in the Fall 2003 G-Hawker.

LEY, ROSS H., 6335 W. NW. Hwy. #1211, Dallas, TX 75225. BS ’42. Sat on the stage at the ceremony honoring University of Kansas faculty members who served in World War II at the Dedication of the Dole Institute of Politics in July 2003, was assistant professor of military service and tactics 1942-43. Special guest and speaker at the 60th anniversary celebration of the Dedication of the Military Science Building, University of Kansas in December 2003. Was ROTC Lt. Colonel Commanding the Battalion 1941-42. Commanding Officer Army Specialized training programs, University of Kansas Medical School, Kansas City, 1943.

1946

KEENE, KATHERINE M., 1338 W. 20th St., Lawrence, KS 66046. BS ’46. Retired Micropaleontologist–Humble (Exxon).

STEGER, MAZZIE LANE, 12384 Grandee Rd., San Diego, CA 92128. BA ’46. I was happy to hear that you were able to retain the Cañon City Field camp, which was one of the highlights of my geology courses.

1947

CARLOS, DON F., 722 W. Kenneth Rd., Glendale CA, 91202-1449. BS ’47. My wife Jackie and I have three children and five grandchildren—all are above average of course! My time is largely taken up with travel, golf, and shuffling papers. My oldest daughter rafts the Grand Canyon every year, and has probably taught me as much about the Canyon geology as Dr. R. C. Moore did!

1948

DUBINS, MORTIMER IRA, 67 Woodside Ave., Oneonta, NY 13820. MS ’48. Textbooks stated no marbles in Kansas, but I found some—not a deposit, but slickensided chalk along a fault in the Fort Hays.

GRANGER, WAYNE C., 1690 North Via Frondosa, Green Valley, AZ 85614. BA ’48. Retired from geology/petroleum.

GUINOTTE, JAMES (JIM) E., PO Box 2, Chanute, KS 66720. BS ’48. Retired.

PARKS, JAMES M., 159 Wesley drive, Wilmore, KY 40390. BA ’48. Everything is finally coming together for the long-awaited publication of the biography of Lowell Laudon. BUSHEL BASKETS OF FOSSILS may be on sale before Christmas, and certainly in time for the centennial of Laudon’s birthday, February 4, 2005. As soon as the printing arrangements are final, I will issue a pre-publication subscription discount offer to those on my mailing list. If you want to get on the list for the early discount price (amount to be determined), send your name and address to: Jim Parks, 159 Wesley Drive, Wilmore, KY 40390 (or e-mail to jparx@att.net or phone 859-858-2669). All “profits”—excess of sales receipts over costs — will be divided between Laudon Funds at Tulsa University, Kansas University, and the University of Wisconsin. The sales pitch (for the front inside flap) is:

The Influential Life and Career of Lowell Robert Laudon (1905-1993):
Teacher, Geologist, Paleontologist, and Mentor

Some great men are little known outside the circle of their admirers – but should be known to a wider audience. Such a person was Lowell Robert Laudon, who influenced the lives of his many students in ways they did not
realize until later in life. *BUSHEL BASKETS OF FOSSILS* tells Laudon’s life story with the aid of many letters to his mother and to his wife, dozens of anecdotes from former students and colleagues, numerous clippings from newspapers, excerpts from his writings, and other insights into his personality. Known variously as Lowell, LR or Doc to his students and friends, he was an enthralling classroom lecturer using tales of his adventurous exploits to augment the subject matter. An ardent advocate of the strenuous outdoor life, Doc preferred camping to hotels, cooking over a campfire to restaurant meals, and hunting and fishing over grocery shopping. Go with him and his students on many exciting adventures from Central America to Alaska. Paddle up rivers with them in Honduras in search of gold. Climb with them on the Chilkoot Trail following the Klondike gold hunters. Go camping and fishing with him and his students in the Rocky Mountains as they learned geology and he collected fossil crinoids. Learn how he motivated young scientists to achieve more than they expected of themselves. Among the many charismatic college professors of his mid-twentieth century era, Laudon stood out as one of a kind. He achieved world renown as a fossil crinoid paleontologist and as a stratigrapher of Mississippian age carbonate rocks.

SHIELDS, RICHARD LARRY, Shields Drilling Co., Inc., Shields Building, PO Box 709, 326 Main St., Russell, KS 67665. BS ’48. We are actively drilling and participating in 3D exploration, and drilling deals in Kansas. We continue to explore and develop oil and gas properties in Oklahoma and Kansas with other operators.

WRIGHT, ALICE A., 2088 Golden Circle Dr., Escondido, CA 92026. BS ’48.

**1949**

FAIRCHILD, PAUL W., 110 Calypso Dr., Lakeway, TX 78734. MS ’49; BS ’47. Retired petroleum geologist.

HALL, H. H. “HUB”, 836 N 1917 Rd., Lecompton, KS 66050. BS ’49. Hub serves on KU Boards in Geol. Dept and Natural History Museum. Retired from KGS Board last year. Kathy and I and Jay, our black lab, live in a quiet rural setting between Lecompton and Lawrence, surrounded by a large natural history reservation overseen by the Kansas Biological Survey (KU). Still planting a large vegetable garden each year. We are active in the Lecompton community, supporting local historic sites such as the headquarters of the Democratic Party before statehood—believed to be the oldest surviving building in Kansas. Are active in the Lecompton United Methodist Church. Life has been good to us in retirement years.

MANN, RAYMOND KEITH, 12507 Indian Wells Dr., Houston, TX 77066-2306. BS ’49. Ray and Delores Mann celebrated their 60th wedding anniversary February 1, 2004, at their home in Houston, Texas. The couple were married in the First Baptist Church in Lawrence while Ray was on furlough from the Army.

**1950**

ALLEN, C. ROGER, 4219 Wimbledon Dr., Lawrence, KS 66047. BS ’50. Civil Engineer – KDOT, retired.

KLEIHEGE, BERNARD W., 2803 S. Meadest, Denver, CO 80236. MS ’50; BS ’48. Retired consulting geologist.

SMITH, KENNETH T., 207 Dove Hollow Trail, Georgetown, TX 78628. Retired; V.P. Expl. & Prod., Sinclair Oil Corp.

TYLER, ALBERT N., 10808 Carissa Dr., Dallas, TX 75218. BS ’50. Retired in 2002 from the oil & gas business after 36 years with Sun Oil Co. and 16 years with my own company. Still am involved in a minor way but certainly enjoy the nondisciplined life of retirement.

VESTAL, WILLIAM J., 221 Gulf Drive, Waveland, MS 39576. BS ’50. Retired – Geologist, Oceanographer.

**1951**

GREEN, M. ELDON, 685 NW Waterhouse Ave., Beaverton, OR 97006. BS ’51. Have been retired for about 15 years now, not really as busy as once was. Play a little golf and do some traveling. Enjoy the grandchildren.

HAMBLETON, WILLIAM W., 1312 Raintree Place, Lawrence, KS 66044-4536. PhD ’51. Nancy reached her 80th (Sept. 7) and my 83rd (Sept 10). Seems that this is the point when Medicare costs increase. I have had cataract operations (both eyes), rotator cuff surgery, bronchial treatment, and
stenosis problems. Volunteer activities have diminished. But we did have a family reunion at Snow Mt. Ranch (YMCA of the Rockies). I have joined Dan Merriam at the Kansas Survey in some historical studies and geophysics if office space is available. We helped celebrate Scott and Carol Ritchie’s 50th in Wichita.

1952

ARMSTRONG, JERRY D., 1513 Cottonwood Ln., Greenwood Village, CO 80121. BS ’52. Partner in BSA Exploration.

CARLSON, WILLIAM (BILL) A., 11257 West 26th Pl., Lakewood, CO 80215-7102. MS ’52. Retired from geologic position, now a fine arts landscape photographer and writer.

HAYNES, EDWARD H., 93 Oakbrush Dr., Pagosa Springs, CO 81147. MS ’52, BS ’51. Still in the San Juan Basin. Got 29-year-old grandson married off. All W. P. Haynes (KU 1916,1917,1918) papers are at Heritage Museum, Laramie Wyoming. Ray Walters (KU-1918) papers are there too.

JAMES, RICHARD H., 307 W. 124th St., Kansas City, MO 64145. BS ’52. Retired from private practice, general dentistry.

WELLBORN, ROBERT, 80 Primrose, Casper, WY 82604. BS ’52. Retired as chief geologist for World Oil Properties last year. I am pursuing some of my old prospects from years past that never were drilled, but the geology hasn’t changed. My wife of 48 years and I are enjoying camping, back-packing, golf, and foreign travel, and hope we can keep it up for a few more years. All three of our sons (none geologist) live here in Casper, which is convenient for family reunions.

1953

SHIELDS, JOHN P., 4800 Juniper Circle, Fort Smith, AR 72903. BS ’53. President, John P. Sheids, Inc.

1954

BIGELOW, JR., NELSON, PO Box 2353, Augusta, ME 04338. MA ’54. There’s lots to report—how much space do you have. For more, call me, and I’ll call you back (I have free long distance). I really want to move to a warmer climate.

CLARK, JERRY H., 914 Bethlehem, Houston, TX 77018. BS ’54. Petroleum Exploration/Production Consultant.

DOUGLASS, M. R. “BOB”, 42 Shadow Lane, Destrehan, LA 70047. MS ’54, BS ’52. Still Active. Current product prices bringing in investment money, making it more fun.

HATTIN, DONALD E., 3485 S. Inverness Farm Rd., Bloomington, IN 47401. PhD ’54, MS’ 52. During 2003 I completed the typescript of a biography of Marge’s grandfather, New England landscape painter W. Ferdinand Macy. The work is currently in the process of receiving its official copyright. Six chapters of another book have been typed. Marge and I are still engaged in departmental and university activities, and I am still leading field trips and serving on graduate research committees. Travel so far this year included trips to L.A., Florida, and Denver. Daughter Sandra has been working all summer on arrangements for the Sept. 7 visit of the Dalai Lama, who will dedicate the new interfaith temple at the local Tibetan Culture Center. Ron continues his pain-relief anesthesiology practice in Denver. Youngest child, Donna, completed work on TV series “Hidden Hills” in February, and is hoping her next job will be in Denver, where she lives, rather than in L.A., where most of the work seems to be.


1955

PERRY, JOHN L., 6035 W. Ten Star Dr., Tucson, AZ 85713. BS ’55. Retired from USAF.

SCHWARZ, KENNETH, PO Box 226, 202 Monroe St., Sackets Harbor, NY 13685. Graduate work 1954-55, then mandatory military service in USAF 1955-58. Bought home in Sackets Harbor May 2003. Now only three miles from summer cottage where we are now (23 Aug 04) – same mailing address and phone number. Enjoying retirement—still in good health. Have flower and vegetable gardens. Active in small community (~1300 people) – sing in church choir and barbershop chorus. Look forward to visits.
from children & grandchildren. Visited Vanderbilt’s “Great Camp Sagemore” in central Adirondacks for a weekend stay. Often visit local fossil sites and glacial features. Volunteer at War of 1812 battlefield here in Sackets Harbor. Regards to all my old buddies who are still kicking!


THORDARSON, WILLIAM, 1453 Belfort Lane, Mt. Pleasant, SC 29466-8103. Non-degree grad student ’53-’55. Retired supervisory hydrologist, USGS.

HODSON, WARREN G., 2710 Newmarket Cir., Tallahassee, FL 32309-2600. MS ’56, BS ’53. Retired supervisory hydrologist, USGS.

HOLMES, RONALD E., 105 Pebble Creek Ln., Willard, MO 65781. Single, two kids from former marriage, Linda and Mark. Former wife’s name Roberta (1955 KU Graduate). Spent five years in Engineering and 30 years in higher education. MBA University of Iowa.

LAMERSON, PAUL R., 1941 S. Parfet Dr., Lakewood, CO 80227-1903. MS ’56, BS ’54. Joann and I are both fine! We have three children, eight grandchildren and one great grandchild. We, Joann and I, spent three years in Papua, New Guinea working for Chevron Ningini living in Port Movaby from ’86-’89. Much of my consulting work ’89-present has been for Auschutz Exploration in the Wyoming Thrust Belt and in Oklahoma.

RICHARD, JAMES (JIM), RT 2 Box 93, Yukon, OK 73099. BS ’56. Mostly evaluating investment opportunities and enjoying my 24 grandchildren. Still in Oklahoma but still a Jayhawker by heart!

WINCHELL, RICHARD L., 4021 Lennox Blvd., New Orleans, LA 70131. MS ’56. Retired Geologist, Geophysical Information Manager.

1957

BEAVER, HAROLD R. (BOB), 4332 Beekman Dr., Nashville TN 37215. BS ’57. President, Beaver Engineering Inc./St. Joseph Petroleum. Planning a Cambrian test well in Jackson County, TN. I hope to establish commercial oil/gas production on the Nashville Dome. I have five grandchildren ranging in age from two to 16. Married to the same lovely woman for 42 years. Still think about KU Geology days of 1953-1957, the students, the teachers, the campus, the culture of the USA then. I sure miss it all.

KLEIN, GEORGE D. George continues to work as a consulting geologist with assignments in the Illinois basin, the Lower Congo basin (Angola), the Macuspana basin (Mexico, and other interesting places. Klein also recently published a novel entitled “Dissensions” which can only be ordered online from Xlibris, Amazon.com or Barnes and Noble.com. The novel is based on George’s years as a university professor and his witnessing more than routine departmental strife and related dissension events. The cover of the novel features a photo of Fraser Hall in 1955.

MARTIN, DONALD D., PO Box 6159, Albuquerque, NM 87197-6159. BS ’57. Donald D. Martin served as President of the National Association of Home Builders in 1998. He worked hard to make “Housing a National Priority,” to “Remove Regulatory Barriers to Affordable Housing,” and to “Build Tomorrow’s Workforce Today.” He promoted over 40 affordable housing partnerships between Fannie Mae and NAHB local/state associations. Don is a second-generation homebuilder from Albuquerque, NM, who built over 9,000 homes in Colorado, New Mexico, Maryland, Texas, Virginia, and Wyoming in his forty-year career. He has always been a champion for affordable housing who firmly believes that homeownership creates a positive family atmosphere that produces better citizens and parents, better educated children, and a positive focus for family life. Currently involved in Commercial Real Estate, as follows: Broker, Vice President, Grubb & Ellis/New Mexico, 2340 Menaul Blvd., NE – Suite 200, Albuquerque, NM 87107.

SANDERS, DONALD T., 33 Sunny Hill Dr., Madison, CT 06443. MS ’57. I retired from IBM in 1991, where I wrote for and was editor of a variety of corporate publications. Since 1994 I have devoted much of my time to writing two books with Jelle Zeilinga de Boer of Wesleyan University: Volcanoes in Human History, published in hardcover in January 2000, and Earthquakes in Human History, to be published in the fall of 2004. Both books are based on a course
called “Geological Catastrophes,” which de Boer has been teaching at Wesleyan in recent years. The volcano book will come out in paperback concurrently with the hardcover edition of the earthquake book. Both books, published by Princeton University Press, are listed on Amazon.com and are intended for classroom use as well as for the general reader who is interested in learning about the many ways in which human history and culture have been influenced by major geological events – truly fascinating stuff!

1958

DICKSON, WILLIAM R., 2609 Lee Anna Dr., West Plains, MO 65775. BA ’58. Retired social security administration office manager.

Du BAR, JULES, 2700 Thrush Rd., Charlottesville, VA 22901-8815. PhD ’58. I’ve been recovering from a broken hip and back injury. Can walk now (very slowly and not far, but no longer can drive a car). Energy level still low. Otherwise, my health seems very good. My book Never Piss Into the Wind has been published and I am well along with work on a novel, When the Goldfish Die. Normally I also would be busy with gardening chores, but, at least temporarily have been forced to give that sort of activity over to my wife, Susan. Turned 81 on June 30, ’04.


1959

ADAMS, DON J., 17130 Post Oak Hollow, Spring, TX 77060. MS ’59, BS ’58. Still working full-time in the environmental field. Kathy and I are enjoying the four grandchildren; Eliot, three, Ben, one, and twins Emmerson and Hannah, nearly two. We are active in a nearby Methodist Church. Hoping to be able to say “I’m retired” soon. I do, however, still enjoy looking at sediments and formations. We have been very blessed. Hello to all.

COLLINS, DONALD N., PO Box 3427, Evergreen, CO 80437. MS ’59. Lynne and I, and two Welsh Bearhounds, made our 9,000 mile, two months long, trip to Alaska in June and July 2004. It was a wonderful experience and traveling with the fifth-wheel trailer was a real pleasure. It was really nice to have one’s own kitchen, bathroom, and bedroom along at all times. The dogs could stay in air-conditioned comfort and safety when we went on some eight-hour tours.


McNELLIS, JESSE M., 3327 W. 8th St., Lawrence, KS 66049-3116. MS ’59, BS ’57. Retired from USGS.

O’CONNOR, HOWARD G., 4223 Wimbledon Dr., Lawrence, KS 66047-2034. MS ’59. Wife, Virginia, deceased 1994, son Robert, lives in Lawrence, daughter, Peggy Vierthaler, R.N. lives in Bixby, OK. I keep busy and active in KU Endcott Society, Steven’s Ministry, a writing class hosted by KU Journalist Diane Lazzarino, travel and grandkids.

SCHMIDT, HAROLD A., 10 Heather Way, Golden, CO 80401. MS ’59. Busy as ever, mudlogging and well site work, Wyoming and Colorado for the most part. Got slowed down last fall with a broken bone in left leg, now have a broken left elbow. Both the result of working around the house. Rigs are much safer. The oil business is still good and getting better. Best regards, Hal.

WOOD, ROGER L., 7205 Jupiter Trail NW, Silverdale, WA 98383. MS ’59, BS ’57. My wife, Lou Ann, and I are in our 11th year of retirement. After 27 years in the CA Bay Area involving considerable worldwide travel, we moved to wonderful Washington State in 1998. The relaxed lifestyle is perfect for us. Local activities include Navy League, Barbershop Singing, Sub-Base Bangor Restoration Advisory Board, Bremerton Symphony Board of Directors, Church Choir, lots of gardening, and frequent sampling of Washington’s booming wine industry products.

1960

(ANDERSON) DODSON, BARBARA J., 1306 No. North Shore Blvd., Wichita, KS 67212. BS ’60. Still adjusting to retirement but enjoying hobby time.

CLARK, JERRY H., 914 Bethlehem, Houston, TX 77018. MS ’60, BS ’54. Semi-retired petroleum exploration/production consultant.
GORDON, DICK, PO Box 296, Wilmot, NH 03287, MS ’60. Sales Manager, Bioprime, Ltd.

PETERSEN, CLARK H., 14421 SE 183rd St., Renton, WA 98058-9212. BS ’60. Involved in development of portfolio of exploration and development stage mining (AU, AG, PT, PD) stocks for emerging bull market in precious metals. Interested in geological excursions and river trips. Willing to team up with Jayhawker’s who are visiting WA State.


ANGINO, ERNEST E., 4605 Grove Dr. Lawrence, KS 6604-3777. PhD ’61, MS ’58. Still active in City affairs. Presently serving on Police Chief’s Advisory Counsel and on Lawrence Douglas County Planning Commission. Busily involved in research on Antarctic Postal History and Meter Postal History. Have written and published several articles on the subject. Keeps me out of trouble and mind active. Also active in “official” baby care for first grandson. Great job – no training required and it’s fun. Celebrated 50 years of married life on June 16, 2004. Margaret is a saint to have put up with me for that long. It’s been a great ride, would do it again, given the chance.

FISHER, WILLIAM L., 8705 Ridge Hill, Austin, TX 78713. PhD ’61, MS ’56. Professor.

HATCHER, DAVID A., 24 Cherry Hill, Conroe, TX 77304. MS ’61. Exploration Advisor with W. L. Gore & Assoc.

LINEBACK, JERRY A., 506 South Lawrence Ave., Scranton, KS 66537. MS ’61, BS ’60. I work for the Kansas Department of Health and Environment, Bureau of Environmental Remediation, Voluntary Clean-up Program, in order to fund my travels on the back roads of the west and various hobbies. Old-timers can drop me an e-mail at jalinebk@satelephone.com. I would enjoy hearing from you.

SACKETT, DUANE, H., 3507 Valley Chase Dr., Kingwood, TX 77345. MS ’61. I am still doing some part time contract work. Keeps me out of trouble! Our son has recently moved to Kansas City, so we will probably be in the area more.

SLEWITZKE, EDWARD B., 2716 Glen Dr., Merrill, WI 54452. BA ’61. Retired – Education.

TATRO, JAMES O., 423 No. 16 St., Fort Smith, AR 72901. MS ’61. Retired – Petroleum Geology (Exp. & Prod.)

HARRIS, LEAMAN D., 2214 Hummingbird Ln., Edmond, OK 73034. MS ’62, BS ’60. I retired in January 2003 after guiding Tinker AFB through 13 years of violation-free hazardous waste management. For the year 2002 the base received an award for the best environmental program in the Department of Defense. I am proud to have contributed to that effort. I continue to serve on the advisory board to the KU Natural History Museum, and to promote my Biodiversity Scholarship Fund based at that institution. I recently completed a history of my high school graduating class in preparation for its 50-year reunion next year. Since July 2004 I have been an unpaid member of the editorial board for the Edmond Sun, my hometown newspaper. For this, I get my own column “It’s Just My Opinion,” which appears every Tuesday. Retirement is great! Judy and I are traveling, to Australia and New Zealand last year and to the beaches of Normandy and Paris this year. My two sons and daughter all live and work in the Oklahoma City area.

KEIM, JACK D., 3804 Stockade Ct., Lawrence, KS 66049-2144. BS ’62. Retired 6/6/03 from P.I. at KU – so over a year has gone by the wayside which means “time really flies when you’re having fun.” Retirement is grand – I highly recommend it!

LaMONTAGNE, KIRSTEN (KISÈ) KRUEGER, 408 Deadman Gulch Rd., Golden, CO 80401. BA ’62. I’m finally mother-of-the-bride. Kendall (36) is a producer/director of documentaries and is
marrying a theatre actor in September. I am also finally a grandma and son Evan and Heather presented me with Cole, and now another one on the way. I bought a house in Taos, New Mexico, and if there is anything I don’t need it is two houses! It’s magical however, (will enjoy once renovations are completed). This year I am President of Rotary, which I am finding is a huge job. In my next life I’m going to be a couch potato! Not much involved in geology these days except marveling at the interesting volcanic activity that happened around my Taos house. Staurolites out my back door, and awesome “rock” treasures.”


PRAGER, GERALD D., 3046 Taylor Ave., Cincinnati, OH 45220. BS ’62. Attorney.


1963

OWEN, DONALD EDWARD, 2610 Evolor, Beaumont, TX 77702-1236. PhD ’63, MS ’59. Continuing as Professor at Lamar with a new department name: Earth and Space Sciences. We are “trailer trash” this year while Geology Bldg. is being gutted to the structural walls and rebuilt for us to reoccupy next summer. It should be nice, but moving a 46-year accumulation of minerals, rocks, fossils, books, paper, aging faculty, etc. was a huge pain. Continuing research on Dakota Sandstone and related strata of San Juan Basin, NM & CO. My son, Donny, and I published a paper and led a stop for the NMGS Field Conference last Fall, and we will have a larger role in the 2005 Field Conference, plus I shall be co-editor of the guidebook. I also led a three-day whitewater-rafting/hiking trip down the Chama River in NM for the FCGS this June, which was lots of fun. Also continuing my work as Commissioner (for AAPG) for the North American Stratigraphic Commission for 24 years. The NACSN website (www.agiweb.org/nacsn/) is now fully operational, and features the stratigraphic code, bylaws, and practical suggestions for using stratigraphic nomenclature—the last two were written by yours truly. The first must have been written by lawyers!

VAN SANT, JAN F., 1207 Lashbrook, Houston, TX 77077. PhD ’63, MS ’58. Family continues to grow with 11 grandchildren and two great grandchildren. Continuing as Executive Director of AGI Foundation on part time basis raising funds mostly for AGI’s earth science education programs. Middle and high school curricula supported by the Foundation are now being taught in 49 states, including many large school districts such as Los Angeles, Chicago and Miami. Work continues also building endowments for supporting earth science programs. More than $6 million has been raised the past eight years—more funds are needed. “Every person owes part of one’s time and money to the business or industry to which one is engaged,” said Theodore Roosevelt. I urge everyone to get involved and support your profession.

1964

GERHARD, LEE, 1628 Alvamar Dr., Lawrence, KS 66047. PhD ’64, MS ’61. Retired from KGS in August, 2004. 4th retirement—Don’t take it too seriously.

JUNGMANN, WILLIAM L., 8514 State Route 762, Philpot, KY 42366. MS ’64, BS ’60. Retired, sales manager, Hendrick Screen Co.

KRAUSE, HANS, 48 Cardinal Dr., North Kingstown, RI 02852. MS ’64. I spend most of my time in Venezuela where I work as an oil industry consultant.

OJALA, GARY L., 2803 N. Mule Deer Way, Meridian, ID 83642. MS ’64. Retired – consulting economic geologist.

1965

GOGEL, TONY, 9904 Cherokee Lane, Leawood, KS 66206. MS ’65. After 35 years roaming around this great country, Celeste (BS ’68) and I have rediscovered our roots. We’ve relocated back home to Kansas City. Just in time too, as we’ve become proud grandparents [{Matt Gogel (BS ’93) and Blair Lavritzen Gogel (BS ’92)] for the second time. Also daughter Erin (BS ’96) and her husband Ted Drummond (BS ’96) are expecting their first in October. Timing could not have been better. Oldest son Mike and wife Melissa are still in Phoenix. Mike is doing well in the golf course equipment and design business.


BUCHWALD, EDWARD, 13192 Cannon City Blvd., Northfield, MN 55057. PhD ’66. Not much has changed in my life this year. Cynnie and I are enjoying retirement by staying involved in several things. We have been Volunteers in Parks with the National Park Service at Agate Fossil Beds National Monument in western Nebraska. Agate is a famous Miocene mammals site first excavated in the late 1800s. Cynnie works with the historian in the park and as a docent in the museum. I have been working on educational programs of all sorts. Cynnie continues to volunteer at the Northfield Hospital after a 25-year career in hospital public relations. In addition to still being a Scoutmaster (going on 36 years and 28 Eagle Scouts) I am trying to develop with some friends the first hydrologic field science course for K-12 classes. If we are successful, children will actually do science in the field as part of their regular school curriculum. Pretty neat, huh? You might be interested to know that in my 35-year career at Carleton I graduated about 750 geology majors, approximately 120 of whom went on for PhDs in earth science. According to the NSF, more women students from Carleton went on to get PhDs in earth science than any other college or university in the USA. Pretty cool, huh?

FRANKS, PAUL C., 2720 S. Cincinnati, Tulsa, OK 74114. PhD ’66, MS ’56. Still doing some consulting for Midwest Environmental Consulting of Marion, Iowa. See Robert W. Scott from time to time.

FOX, WAYNE A., 15 Perhall Ct., Baltimore, MD 21236. BS ’69. Program Manager – Ground Water and Solid Waste Program, U.S. Army Center for Health Promotion and Preventative Medicine. Recently promoted to the program manager position within the Environmental Health Engineering Directorate.

POLLARD, WILLIAM D., 411 Hazelwood Drive, Fort Worth, TX 76102. MS ’70. Burnett remains active in West Texas, S.E. New Mexico, Western Oklahoma, the Texas Panhandle and the Fort Worth Basin, as well as various New Ventures. We continue to believe there are good opportunities in the offshore U.S. Kathy and I are blessed with two new grandchildren, one to each of our daughters. I’m stepping down from the Chairmanship of the Geology Associates Advisory Board this fall, though hope to remain active with the group as we prepare for the challenge of a building expansion for Lindley Hall.

Working Rocky Mountain region—“The Never Ending Search for the Elusive Hydrocarbon.” If you don’t have a gas well... GET ONE!
1971

(EWING) ELLIOTT, MARY ANN, 2500 Haynes, Midland, TX 79703. BA ’71, BA-Geography ’71. Mary is in her 13th year of teaching 8th graders science. Primarily earth science. Daughter, Carrie Elliot (Carleton 1998-Geology) is a geologist with the USGS Columbia, MO, working on the Missouri River watershed. Son, Cpl. Crysnat Elliot, is in 3rd Armored Cavalry Regiment US Army, Ft. Carson, CO. He is a driver and a gunner (depending on the mission) of a Bradley Fighting Vehicle. He spent a year in Iraq and expects to be re-deployed to Iraq next year. Son, Tom (Cornell College Environmental Science-2002), is an Environmental Geologist with Shaw Environmental in Midland, TX, working on a variety of assessment and clean up projects all over Texas, and some in Oklahoma, and New Mexico. We plan to be at the Field Camp Reunion next year. We had a great time at the first reunion even though no one from our classes were there. We met a lot of people from the ‘50s, ‘80s and ‘90s. Too bad the rest could not make it. We encourage everyone to be there next time, especially Federico!

1972

DeNOOYER, LeROY, PO Box 995, 21 Circle St., Henlong, CA 96113. MS ’71. Attorney, US Army.


HANAN, BARRY, San Diego State University, 5500 Campanile Dr., San Diego, CA 92182-1020. BS ’72. Wife Patricia is a special education teacher at Pt. Loma High School in San Diego. Son Matthew works for Taylor Guitar, father of our first grandson, Kieran, age 2. Daughter Erin graduated w/B.S. in Environmental Science, USC (2004), now in grad school at Florida International University. Son Nathan is working toward a degree in Pharmacy at UCSD. Daughter Lauron graduated from high school in 2004 and starts college in the fall.

1973

ELLIOTT, ROBERT G., 2406 Camarie, Midland, TX 79705. MS ’73, BA-Geography ’67. Bob is examining oil and gas title for clients and still looking for field wildcats. (see Mary Ann Ewing Elliot ’71).

NORDWALD, ROY, 18326 Audrain Rd. 949, Mexico, MO 65265. BA ’73. Continue as geologist for refractory company. Responsible for mining and supplying clays for plants in Missouri, Ohio and Maryland. Primary interest is children and raising cattle, especially my purebred Charolais.

SIMMS, D. FAY, 1003 Mike Ave., Tahlequah, OK 74464. MA ’73. Our son (b.1977), Alexander R. Simms and Annie T. Simms have a son, Nathan, born January 9, 2004. Alex is a graduate student in Geology at Rice University in Houston. He is studying incised Valleys along the Texas Gulf Coast under an NSF graduate Fellowship with Professor John Anderson. Our son (b.1980) James A. Simms is in Law School at the University of Oklahoma in Norman, OK. He hopes to practice general law after graduation in 2006. Visiting KU alumni and friends are welcome to stop in. Tahlequah is a “tourist town” of sorts with summer playhouse, canoeing and a historical drama performed by members of the Cherokee Nation of Oklahoma.

1974

SPENCER, MARY ALICE, 1001 Senora Ave., Billings, MT 59105. MS ’74. My husband and I are active with volunteer organizations (John, MS, Geology, Iowa State). John is president of a volunteer group working on the greenway parks in the Billings area along the Yellowstone River. I volunteer at the Yellowstone Art Museum as a docent. I also teach calligraphy classes to both children and adults throughout the year. In October 2004 two other calligraphers/book makers and I will have a show at a local frame shop and gallery. I work at improving my skills by attending workshops and conferences about calligraphy and watermark when I can. John’s leisure activity when he’s not involved in parks work is wood
turning and woodworking. Our vacation this year will be a train trip across country to visit relatives in New York State.

**1974 - 1979**

**1975**

ADAMS, SCOTT D., 5200 Locust St., Bellaire, TX 77401. MS ’75, BA ’73. Scott recently celebrated his 30th wedding anniversary with Diana Bandler Adams (BS 1973, Geology). Their son Evan (b.1982) graduates from the University of Arizona in 2004, and Travis (b. 1984) is preparing for an 18-month assignment in Iraq with the Texas National Guard.

HAKE, BILL, 56 Beaconsfield Pl., Aberdeen, Abis 4AJ, UK. PhD ’75, MS ’72. I am presently seconded to Britannia Operator Limited, a Chevron Texaco-managed subsurface company, where I work on reservoir geology and geocellular modelling. I expect to be there for another year.

HOLDOWAY, KATRINE, 56 Beaconsfield Pl., Aberdeen, Scotland Abis 4AJ. PhD ’75, MS ’72. Married to Bill Hakes (see his entry). We have one daughter, Anna, who is now in Senior School. We enjoy vacations in the States and hope to visit Kansas again someday.

PENLEY, GARY, 2899 Cottonwood Lake Dr., Divide, CO 80814. MS ’75. I still miss hunting for oil and gas, but I am now writing full-time and loving that. With three published books and a fourth finished manuscript, my life is busy and full. A major article on my geological career and my career change appeared in the June, 2004 edition of AAPG Explorer.

**1976**


HAFNER, BOB, 1205 Lake Louise Dr., Gretna, LA 70056. BS ’76. After 20+ years as a geologist with Getty/Texaco/Mobil I am teaching physical geology at a community college and earth science at a public middle school. I have 2 daughters ages 7 and 11.

McDONALD, KENT, 1124 Emery Rd., Lawrence, KS 66044. BS ’76. High school science teacher.

REYNOLDS, DAN, 9106 Autumn Chase, Wichita, KS 67206. BS ’76. Owner, Coral Coast Petroleum, L.C.

**1977**

FUNK, JAMES M., Blackburn Rd., Sewickley, PA 15143. PHD ’77. Independent consultant.

GEARHART, DALE, 4409 Perry Ln., Fort Worth, TX 76140. BS’77. Busy year . . . secret negotiations to acquire JRZ Enterprises fell apart in Mexico earlier this year. Hope to relocate in 8 to 12 months to Kauai. Chris is in San Diego in graduate school. Lisa and Laura are in college in Fort Worth. My wife, Jere, is still beautiful. Still have fond memories of stuffing Dr. Bob and Scott in hoops.

KLEIN, JOHN, 8030 Sunlight Peak, Littleton, CO 80127. BS ’77. Forest Oil Corp.

**1978**

DEUBEL, DARRELLA, 4230 Worcester Dr., Fairfax, VA 22032. Grad student ’75-’78. Tom (see below) is working as a contractor on information management projects for various government agencies. He only does recreational geology now. Darrella has had her own craft business, 3D Creations, for over 20 years. She has done local craft shows and sold in craft malls. From Sept. 1999 until Feb. 2003 she and a partner operated a craft mall in an in-line store in a local shopping mall. Since last August she has done crafts part-time and worked as an Office Manager at Reston Presbyterian Church part-time.

MATHEWS, WILBERT L., P.O. Box 73314, Houston, TX 77273. MS ’78, BS ’75. I spent the past several years living and working in Luanda, Angola. Since returning to Houston, I have worked projects in other foreign countries with some travel. I was divorced several years ago but have since remarried while I was in Angola. By the time this goes to press, I will be retired (end of September 2004). We will return to Africa and I may engage in some part-time consulting.


**1979**

ENGLEMAN, MARY, 18 Lakeside, Wichita, KS 67207. MS ’79, BA ’76. Andy Kemmer (husband) and I still have Canyon Woodlands, TX 77382. MS ’77. Geologist, Anadarko Petroleum Corp.
Energy going. The family is Riley (9), Callie (14) and Dodge (17) who is heavy into the College/Golf recruiting process now. Hope to see lots of old friends at the Field Camp Reunion.

JORDAN, DAVID P., 4700 Polo Pkwy. #270, Midland, TX 79705. BS ’79. Consulting petroleum geologist with Occidental Permian.

WALLACE, RON, 3650 Garrards Crossing, Roswell, GA 30075. MS ’79. I’m on the national executive committee for AIPG this year. I’m still state president for AIPG. Holly has two log cabins in north Georgia that she is now renting. She also does agility with two of our dogs.

1980

HARRIS, RICK, 1232 W. 114th Ct., Jenks, OK 79037. BS ’80.


1982

CARAGEANNIS, PAUL C., PO Box 771189, Wichita, KS 67277-1189. BS ’82. Owner/Geologist – Seed Group.

ENCISO, GONZALO, 14911 Woodthorpe Ln., Houston, TX 77079. MS ’82, BS ’79. VP & Chief Geoscientist with Spinnaker Exploration.

LINK, MARTY, 1210 Peach St., Lincoln, NE 68502. BS ’82. Rob is closing in on his PhD requirements at UNL and expects to graduate in the next calendar year. His topic is vertebrate paleontology, studying ice-age ground squirrels and their burrows in west-central Nebraska. Two journal articles have been accepted for publication in Palaeo3. Marty recently accepted the position of Associate Director of the Water Quality Division at NDEQ, moving her into upper management. The three girls are doing well, Katie in college, Molly in high school, and Zoe in middle school.

OSBORN, JEFFERY B., 3761 Eaglesnest, Corpus Christi, TX 78418. BS ’82. My company, Herradura, continues to successfully explore and develop gas production in the Frio, Vicksburg and Miocene formations of south Texas and Padre Island. There are currently three of us working full time assembling prospects, interpreting 3D seismic on our workstations and directing land and engineering consultants on our ideas. My wife, Temi, and I will be celebrating our 12th wedding anniversary in September and stay busy with offshore fishing in the summers and deer hunting in the winters. We’ve enjoyed living on Padre Island on a canal for the last seven and a half years and are anticipating renovating a ranch house on our new hunting ranch located near Choke Canyon Reservoir, one hour north of Corpus Christi.

TOBIN, ROB, 1210 Peach St., Lincoln, NE 68502. MS ’82. See Link, Marty (above).

1983

KOPASKA-MERKEL, DAVID, 1300 Kicker Rd., Tuscaloosa, AL 35404. PhD ’83. I am back at work full-time as of December of 2003. I am doing more than half of my work from home, but go to the survey two or three times a week. I have resumed monitoring of sand quality on Alabama beaches. I am also working (with Andrew K. Rindsberg) on some Pennsylvanian invertebrate trace fossils from the famous Union Chapel mine trackway site in Walker County, Alabama. Last spring I placed once again in the University of Alabama’s annual haiku contest. My oldest daughter, Morgan, will continue college in southwest Finland beginning later this month (August).

KUKUK, MICHAEL S., 14517 Mastin, Overland Park, KS 66221. BS ’83. Owner/Principal – Aquaterra Environmental Solutions, Inc.

McCLAIN, STEVE E., PO Box 1006, Pratt, KS 67124. BS ’83. Married to Nancy with three children: Austin 11, Lauren 8, Julicann 5. Sterling Drilling Company is an oil field drilling contractor that also specializes in brine and disposal well work. Sterling operates 3-rigs rated from 4500-6000’ in Central-, South-central and south-western Kansas. Note: If any faculty would like to bring a class to visit one of our rigs, just call me. Kansas needs new young geologists!

MESSENGER, JON F., Messenger Petroleum Inc., 252 S. Main, Kingman, KS 67068. BS ’83. My wife, Gayla, is still the Director of Nursing at Hilltop Manor in Cunningham, KS. My children, Jon (24 years) and Holly (22 years), have both graduated with BS degrees and are pursuing their masters and doctorates. I have
been very active in the community and the “enjoyable” higher prices of oil and gas have kept me very busy with exploration and production.


WESTHOFF, JULIE (BARTOSZEK), 5639 W. 82nd St., Prairie Village, KS 66208. BS ’83. I started Prairie Environmental in May 2004. It is a small, woman-owned environmental consulting firm. The website is: www.prairiellc.com

1984

CLARK, MINDY LEVINSON, 603 Pearl St., Elkhorn, NE 68022. BS ’84. Water plant operator, Metropolitan Utilities District, Omaha, NE.

REIBER, MITCH, 11032 S. Whitetail Ln., Olathe, KS 66061. BS ’84. In November of 2003 my wife and I traveled to China and adopted twin girls. They turned 2 years old in June, 2004. They are bright and energetic, lots of trouble and the light of our lives. Their names are Mary Shuang Reiber and Joan Er Reiber. Their first names were taken from their grandmothers. Their middle names were their first names in China. Shuang means “twin or double” while Er means “two.”

ROYLANCE, MICHAEL, CMR 402/Box 353, APO AE 09180. MS ’84. We have lived for three years now in Germany, where I teach 6th and 7th grade science classes at the school attached to the Lardotuhl Regional Medical Center, the largest military hospital overseas. I teach the children of the staff assigned to the hospital. Before this we were stationed in southern Spain for 10 years and before that, the Philippines for two years. It is getting harder to live overseas as our second grandchild was born last May. I was nominated last year for the Presidential Awards Excellence in Mathematics and Science Teaching and was chosen as a mentor teacher by NASA to help in their NASA Explorer Schools program. I just got back from the Goddard Space Flight Center where I helped several schools with earth science content. That relationship will continue for the next couple of years.

VARGAS, JOHN, PO Box 13, Shaver Lake, CA 93664. BS ’84. Senior Project Hydrogeologist/Engineer with Environmental Coast Management.

1985

DEUBEL, TOM, 4230 Worcester Dr., Fairfax, VA 22032. MS ’85. See Deubel, Darrella, 1978.

SEEBER, MIKE, 23 Candle Pine Pl., The Woodlands, TX 77381. MS ’85. I am still working for Anadarko, and I have survived yet another corporate restructuring. My new role is managing APC’s Geoscience systems (software & data). Becky and the kids (Kelly & Kristina) are doing fine. E-mail me at mseeber@houston.rr.com

SIMS, RICHARD, PO Box 920369, Norcross, GA 30010. MS ’85. I love life in Atlanta, GA, having “retired” from National Account Management with an engineering consulting firm.

STILLEY, JOHN RICHARD, 2186 E. Samuarita Wash Way, Oro Valley, AZ 85737. BS ’85. Construction contractor.

1986

ANIELLO, PETE, 1055 Mendocino Way, Redlands, CA 92374. BS ’86. My wife, daughter, and I recently moved from Colorado to southern California, as I accepted a management position with ESRI at the corporate headquarters in Redlands. Quite a change, but we’re enjoying exploring a new area.

KILLEN, DAVID, 11611 Melody Garden, Cypress, TX 77429. MS ’86, BS ’83.

MAY, MIKE, 501 Nutwood, Bowling Green, KY 42103. MS ’86. Beth continues at ENSAFE doing interesting consulting work in Indiana, throughout Kentucky, and into parts of Tennessee. Mike continues teaching and doing research as a geology prof at Western Kentucky University. He spent spring break co-teaching modern carbonates for WKU students on San Salvador Island, Bahamas and the family all went along. Sons Kevin (9) and Peter (11) enjoyed the “hardship” of snorkeling and hiking. Mike also helped a WKU colleague teach part of a WKU and Big Ten consortium of Universities Field Camp based out of Park City, Utah, over the summer. The May family also trekked to the Virginia Beach area for a short course on Environmental Regulations Mike teaches for UNC Chapel Hill. And
we made a trip to Denver to visit the Conroy grandparents. Lots of travel, learning, and adventure for 2004! When at home the May family engages in organic gardening, cross-country (Mike co-coaches), hiking, biking and of course competitive soccer, baseball and basketball (Beth has coached basketball). Enjoying a busy life! Finally, Mike won the Ogden College of Science & Engineering Award for Public Service at Western Kentucky University in 2004. This was for his public education efforts on geology and environmental issues, helping write legislation for Brownfields Law in Kentucky, and general volunteerism in local schools, and educating print and other media people on issues geologic.

PHILLIPS, AARON R., 916 E 27th St., Baxter Springs, KS 66713. BS ’86. Senior Technical Specialist with Tamko Roofing Products, Inc.

1987

BLACK, BRIAN ALLEN, 3050 Chelsea Lane, Acworth, GA 30102. BS ’87. Still programming away—it’s been a relatively quiet year—so far... Just finished The Flowering of New England/New England: Indian Summer, by Van Wyck Brooks, and he had a lot of good things to say about Geologists (never know where you’ll stumble across ‘em)! Everyone is doing well in the Deep South—Kieran starts preschool (so soon?) this fall and Analise is traipsing about the house in full glory. Didn’t do any traveling oot-und-aboot this year, at least not physically, though, with the Georgia Summer still in full swing, and the Hurricane Season in full swing, I’m starting to find myself pouring over Swiss travel guides for the Lauterbrunnen region and looking up the weather in the Scottish Highlands with an ever increasing frequency. Sounds like there’s been a bit of activity back at Lindley Hall since the last G-Hawker. Say “Hi-Y’all” to everyone for me and if you get a chance, feel free to wander by at http://gwxp.sytes.net/thelacksweb/—doesn’t get updated in an exactly timely manner, but you never know...

HURT, ANNA M., 1312 Delaware, Leavenworth, KS 66048. BS ’87. Sr. Engineering Geologist, Alpha-Omega Geotech, Inc. Building the home of our dreams north of Basehor, KS.

KIRCHNER, KYLE, OS599 Ellithorp Lane, Geneva, IL 60134. BS ’87. Supervising Engineer.

MAY, BETH CONROY, 501 Nutwood, Bowling Green, KY 42103. MS ’87. See Mike May, 1986.

1988

WILSON, MATT, 17 S. Buckboard Ln., Marlborough, CT 06447. MS ’88. Sr. project hydrogeologist, URS Corp. Lately I’ve been modeling groundwater extraction systems for two World War II-era ammunition plants in Nebraska. I also injected plant matter and iron into a weathered limestone in Georgia to bioremediate pesticides. Lorelle misses working at Instructional Development and Support at KU.

1989

ANDERSON, JAMES E., 16526 Timberlane Drive, Omaha, NE 68136. MS ’89.

WOLTKAMP, SUSIE, President, Woltkamp Consulting, PO Box 19524, Boulder, CO 80308. BA ’89. Continue working as a consultant on U.S. Dept. of Energy/National Nuclear Security Administration (NNSA) Contracts at nuclear weapons facilities in the western United States.

1990

KEEFER, STEFFANIE, 2439 East 23rd St., Tulsa, OK 74114. MS ’90, BS ’85. I’m a full-time mom and a part-time coach, tennis player and geologist. The kids are both in school now, so I’m going to try a little part-time work in the petroleum field. I think I remember what a log looks like! Lauren is a fifth grader and Mark is a kindergartner. Wow how time flies! Brian is doing well, he is a petroleum engineer. If you are in Tulsa give us a call. Would love to hear from you.

1991


1992

ABEGG, RICK, 31 Valley Mead Place, The Woodlands, TX. 77384. PhD ’92. We moved to The Woodland, TX this summer. I am still working deep water exploration in the Gulf of Mexico. Micki and I are keeping busy with our three kids; Kylie (13), Phillip (6), and Nicholas (2).
ANDERSON, WILLIAM T., 3095 Bird Ave., Miami, FL 33133. BA ’92. Married 5/17/04 to Barbie Freeman, working on biogeochemical projects in Lakes (FL), tree rings (Everglades & Big Cypress), and we just got funding from the ARC to work in peat bogs in Queensland, Australia for a paleo carbon cycling project with James Cook University.

ANDERSON, WILLIAM T., 3095 Bird Ave., Miami, FL 33133. BA ’92. Married 5/17/04 to Barbie Freeman, working on biogeochemical projects in Lakes (FL), tree rings (Everglades & Big Cypress), and we just got funding from the ARC to work in peat bogs in Queensland, Australia for a paleo carbon cycling project with James Cook University.

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1992 - 1997

1993

BECKINGHAM, GLENN A., 19015 West 159th Terr., Olathe, KS 66062. BA ’93. I have been married for 7+ years and am the proud father of Kathryn Ann (age 4) and Thomas Ray (age 3). I have been working in the Environmental Consulting Arena since 1988 and learn something new and interesting every day. I passed the ASBOG Exams in the fall of 1998 and practice in the states of Missouri and Kansas. I will begin the Executive MBA program (UMKC) in 2004 and hope to take a “wealth of knowledge and experience” from the program. My wife and I are members of Rolling Hills Presbyterian Church in Overland Park and teach 2- and 3-year-old Sunday School. I used to golf but preparing for graduate school has required that I put my clubs in the basement.


STOVER, SUSAN, Kansas Water Office (State Water resource planning agency), 901 S. Kansas Ave., Topeka, KS 66620. MS ’93. Environmental Scientist V, Manager ESV.

YOUNGER, BOB, 509 Shadbury Ct., Ft. Collins, CO 80525. BS ’93. I am currently working in Fort Collins, CO, as a police officer. I specialize in the enforcement of liquor laws and with 240 liquor licenses in town I am quite busy. I patrol downtown Fort Collins on bike and foot on the weekends and also do undercover work as well. I enjoy my job although I miss rocks a great deal. I do, however, spend a lot of time standing on them casting a fly to an anxious trout below...

1994

KUEBLER, KARLA, 474 Fieldcrest Dr., Webster Groves, MO 63119. BS ’94. Raman Spectroscopy Specialist, Washington University.

KUEBLER, KARLA, 474 Fieldcrest Dr., Webster Groves, MO 63119. BS ’94. Raman Spectroscopy Specialist, Washington University.

BROOKSHIER, MATT, 4004 Hoadly St. SE, Tumwater, WA 98501. MS ’95. Enjoying doing reclamation and providing little links for the Statemap folks.

KEISWETTER, DEAN, 205 Roebling Ln., Cary, NC 27513. PhD ’95, MS ’92. Sr. scientist, AETC Incorporated.

1995

BROOKSHIER, MATT, 4004 Hoadly St. SE, Tumwater, WA 98501. MS ’95. Enjoying doing reclamation and providing little links for the Statemap folks.

KEISWETTER, DEAN, 205 Roebling Ln., Cary, NC 27513. PhD ’95, MS ’92. Sr. scientist, AETC Incorporated.

1996

FRANKS, PAUL C., 2420 S. Cincinnati Ave., Tulsa, OK 74114. PhD ’96, MS ’56. Still doing some consulting for Midwest Environmental Consulting of Marion, Iowa. See Robert W. Scott from time to time.

BERGMANN, BRYAN, 2304 Melody Lane, Waukesha, WI 53186. MS ’96. Since 1996 I have been working as a hydrogeologist in the Milwaukee area. Most of the work I do now is for the Wisconsin DOT. Typical projects include completing Phase 1, 2, and 2.5 environmental site assessments for reconstruction of state highways. During construction I commonly have to deal with construction emergencies (spills, finding previously unknown underground storage tanks, removing contaminated soil, etc.). In 1997, Diana and I moved to Waukesha, Wisconsin. Diana is the Associate Technical Manager of the Technical Service and Development Department at Hydrite Chemical Company in Milwaukee. In February 2003, our son, Joseph, was born. Diana is due with our second child in October 2004. When I have some spare time, I like to bow hunt for deer and do mammal taxidermy (mostly deer heads).

1997

(BOYD) STEINLE, ANDREA S., 7181 McIntyre Ct., Arvada, CO 80007. MS ’96, BS ’90. Finally made it to Colorado! We moved out here to Denver last spring after I accepted a job with EnCana. We are loving the mountains (camping, skiing, snowmobiles, etc).

(COUNTER) BENISON, KATHLEEN, 601 S. University St., Mt. Pleasant, MI 48858. PhD ‘97. Chris and I are busy with three children: John, 5 years, Colleen, 2 years, and Maggie, 9 mo. Cubby the Wonder Dog is 13 years old now. I teach intro. geology, historical geology, and stratigraphy and sedimentology. My research area continues to be ancient and modern acid salt lakes with new side projects on their biogeochemistry and relationships to Martian environments. A new colleague at the CME geology dept. is Staci (Ensminger) Goetz–2 G-Hawkers in one department!

GARRISON, ELIZABETH, 15906 W. 144th St., Olathe, KS 66062-4806. BS ’97.

(GRIMES) CASTELINE, JANE M., 517 N. West St., Alexandria, VA 22314. BS ’97. I work at a nonprofit foundation that funds research in water reuse, reclamation, recycling, and desalination. I manage projects dealing with aquifer storage and recovery (ASR), sustainable underground storage (SUS), and contaminant removal from treated effluent and help manage the foundation’s annual research conference. I have a wonderful 2-year-old dog named Moose who monopolizes most of my free time for walks with me and my husband, Chris.


1998

MCKIRAHAN, JASON R., 11910 Plainfield, Houston, TX 77031. MS ’98. Petroleum Geologist with Marathon Oil Co.


1999


SCHLOTTERBECK, BETH, 680 W. Sam Houston Pkwy. #1528, Houston, TX 77042. MS ’99. Geophysicist, Marathon Oil.

2000

CUNDIFF, JESSICA, 10 Wendell St. #21, Cambridge, MA 02138. MS ’00. Paleontologist, Dept. of Invertebrate Paleontology, Museum of Comparative Zoology, Harvard Univ.

STULL, CARRIE (Formerly Carrie Lammert), 9713 Eby St., Overland Park, KS 66215. BA ’00. Environmental Geologist, Terracon.

2001


DEE, KATO TSOSIE, 4545 Wheaton Dr. #E-210, Fort Collins, CO 80525. MS ’01, BS ’97. After relocating to Fort Collins two years ago we love the community and its location near the mountains. Besides my employment with MFG Inc., I am enjoying teaching geology evening courses at Front Range Community College in Fort Collins.

ROHS, RENEE, 538 W. 2nd St., Maryville, MO 64468. PhD ’01. 2003/2004 has been a busy year for me and my family. Our son, Finnegan, was born in October 2003 (yes, in the middle of the fall semester). My husband, Fred, is opening an art gallery here in Maryville Sept. 10 in an attempt at some culture in our small town. The first stage of renovation is almost complete and the first show will feature the painting instructor here at Northwest. I have been working on a small research project called “Meteorite or Meteor-Wrong: A comparison of meteorites with terrestrial rocks.” Needless to say, I have learned more about the mineralogy and petrology of chondrites and achondrites than I ever expected. It’s pretty fun though. A couple of my undergraduate students have done research projects in the last year including XRD of volcanic units to hydrologic and chemical characteristics of tidal channels in Baja, Mexico. I guess that diversity keeps us on our toes. It was good to see other KU grads at NCGSA in St. Louis including Staci Goetz and Kathy Benison last spring.

SCHAUER, STEPHANIE J., 2406 Alabama St. #4A, Lawrence, KS 66046. MS ’01. Environmental Geologist, Kansas Department of Health and Environment.
2002


PRINCE, ANDREA, URS Corporation, 10975 El Monte, Suite 100, Overland Park, KS 66211. Senior Geologist. Currently Vice-Chair of AEG Kansas City – Omaha Section.

2003

BARKER, WILLIAM B., PO Box 7325, Charlottesville, VA 22906. BS ’03. To my friends at KU: I have gained employment with NAEVA Geophysics Inc. (North American Exploration of Virginia, formerly NAE). My company specializes in subsurface geophysical surveys, and one of the main focuses is UXO (UneXploded Ordnance) detection. My first assignment is here in Adak, Alaska (pop. 50), 1200 miles west of Anchorage, in the Aleutian Islands. Adak was originally an Army Air Corps base, and was built in response to the Japanese invasion of Attu and Sitka islands during WWII. At one time over 100,000 troops occupied the island and trained here. You can still see the scars in the tundra where all those troops had tents were during the war. After WWII, the base was phased into a Naval Air Station, and remained that way until the NAS closed in 1995. Cleanup work, mandated through the State of Alaska and the EPA, and paid for by the Navy, (removing ordnance off the mountainsides and elsewhere) started thereafter. Now the main focus is to detect, identify and remove the remaining UXO’s from the island. This is accomplished by mapping the concentrated areas of UXO’s through GIS, and then assigning our “Geo” teams grids. Using a Geonics EM-61, an electromagnetic pulse induction, air cored, dual coiled sensor system, our teams simultaneously log DGPS and EM data. Anomalies, (bombs or other metals) are then identified and dug up by the explosive and ordnance teams. Through this, grid areas are cleared of UXO’s. Outside of work, the island is full of spectacular geology. Pyroclastic blast zones, ash flow tufts, basalt, columnar andesite, plag, K-spar, andesite full of big hornblende crystals, olivine, and even finely laminated limestone. The island is also frequented by earthquakes, some as big as 4.8! Working and living on this remote island has been a very enjoyable, and at times a very exciting experience. I don’t believe my time here would have been as enjoyable had I not the wonderful enlightenment that the staff and faculty of KU Geology had given to me so generously.

FOSTER (SUTHERLAND), JANE, 14 Lakeside Blvd., Wichita, KS 67207. Non-degree ’03. Married in June 2003; baby boy due in August; love my job!

HIEMSTRA, ERIK, 2601 Ashe #51, Bakersfield, CA 93309. MS ’03. Geologist, ChevronTexaco.

2004

CLARK, JENNIFER, 906 N. Fieldstone Dr., Lawrence, KS 66049. MS ’04. My husband, John Clark, is deploying with his National Guard unit over to Europe for a peacekeeping mission this October. I am currently working with the State of Kansas Adjutant General’s office in the Department of Emergency Management, Technical Hazards.
Memorials

Benedict Bagrowski, B.S. ‘42, died in October of 2003 in Milwaukee, Wisconsin. Ben led several field trips while affiliated with KU. In 1935, he co-founded the Wisconsin Geological Society. During WWII, he was part of an Army engineering crew stationed in the Philippines. After the war, Ben worked as a cartographer with the USGS in his hometown of Milwaukee and Rolla, Missouri. From there he joined the U.S. Soil Conservation Service (SCS) which took him to Milwaukee and Lincoln, Nebraska. He retired from the SCS in 1977. He is survived by his wife, Madeline, and daughter, Vicki.

Richard H. Benson, KU geology professor from 1962 to 1981 and former chairman of the paleobiology department at the Smithsonian’s National Museum of Natural History, died February 19, 2004 after suffering a heart attack at his home in Washington D.C.


Hugh Clair Gillin, Jr., B.S. ‘50, died May 4, 2004. Clair served in World War II as Squad Leader in the 100th Infantry Division. He was wounded in combat and awarded the Purple Heart, Bronze Star and the Combat Infantry Badge. While at KU, he played on the basketball team under coach Phog Allen. In 1973, Clair moved to Los Angeles to pursue an acting career. Throughout his career, he had numerous roles in movies, television and on stage. He is survived by his wife, Jan Gillin, four children, four grandchildren, and one great-grandchild.

Fred Holden, died May 30, 2004 in Midland, Texas.


Jack W. Pierce, Ph.D. ‘63, passed away in Annandale, MD, February 11, 2004. From 1987 to 1992, he was the retired chairman of the Smithsonian Institution’s Department of Paleobiology at the National Museum of Natural History. He was also an adjunct professor and graduate student advisor at George Washington University between 1963 and 1987. In 1965, Pierce became a research scientist and curator at the Smithsonian’s National Museum of Natural History in the Department of Paleobiology, where he founded the museum’s sedimentology department. Throughout his career, he worked as a consulting geologist in sedimentology, marine geology, estuarine geology and coastal development. He served on the U.S. Board of Geographical Names, the U.S. Antarctic Research Program and the National Academy of Sciences-National Research Council Subcommittee on Estuarine Sedimentation. He is survived by his wife, Beverly, and three daughters, Pamela Boyette, Brenda Pierce, and Joy Watada.

Alan Marshall Ptacek, B.S. ‘83, died December 16, 2003 in Pratt, Kansas. He tested offshore oil rigs in the Gulf of Mexico for the Anadril Corporation. He later worked in the telecommunications industry for MCI, AT&T and Lucent Technologies. He is survived by his mother, Georgia, father, Mike, and brother, Russ.
**Luis R. Rodriguez**, M.S. ’65, passed away in Caracas early in 2004. Throughout his career he worked as an oil exploration geologist in Venezuela, first for Shell Venezuela and later for Maraven. He is survived by his wife, Nelly, and their children.

**Mortimer D. “Mort” Turner**, Ph.D. ’72, died in Boulder, Colorado, on May 1, 2004. Mort worked for the California Bureau of Mines and Geology and established the first State Geological Survey of Puerto Rico. In 1959, he was recruited by the National Science Foundation to manage the U.S. Antarctica Research Program, which he was involved in until 1984. In 1987, he became Fellow Emeritus at the University of Colorado Institute of Arctic and Alpine Research in Boulder, where he continued this research jointly with his wife and taught geology courses. During his career, Mort was awarded the American Polar Society’s Career Service Award, among many other recognitions. Turner Hills in Antarctica, the mineral Turnerite, a fossil plesiosaur, and a prehistoric fossil sea mammal are all named after him. He is survived by his wife, Joanne, daughters Satia and Ylla, and sons, Robert and Chris, as well as six grandchildren and three great-grandchildren.

**John Durfee Winslow**, KU associate geology professor from 1963-1971, died January 25, 2004 in Raleigh, North Carolina. During his long career he was a hydrologist with the U.S. Geological Survey; worked in the planning office of the U.S. Department of the Interior, North Central Region, Chicago; was a groundwater hydrology consultant; was codirector of the groundwater course, UNESCO, in Buenos Aires; and taught geology courses in Medellin, Colombia. He is survived by his wife, Marcia Ring Winslow.
Looking for Lost G-Hawkers

Almost 300 former geology students are listed below, and they’re all lost—as far as the alumni data base is concerned. Please look over this lost list and see if you recognize anyone among the missing. If you have news about these former students: their addresses, names changes, employer name and address or death notices, please let us know. We’d love to retrieve them from the land of the lost.

1951-1960
Neal R. Alleman, BS'52
Roger Arbour, '60
Allen N. Bates, '57
Charles E. Beardsee, '60
William L. Brown, MA'54
John Vincent Combi, '56
Thomas L. Downs, BA'56
Robert John Emmanuel, '51
James Ray Fastbender, '54
William Gordon George, '57
Randall Kay Graber, BS'52
Lewis Donald Garman, '60
Julian W. Hawryszko, MS'57
Robert W. Heil, BS'59
Lonnie J. Hopkins, '59
George R. Huebner, BS'57, MEng
Gerald Arlo James, '54
William K. Johnston, '56
Robert H. Kuckelman, BS'53, MEng
Jean Lacasse, '60
Donald Lee Lamar, '53
Arthur David Lapadat, '60
Arthur A. McGinnis, BS'51, MEng
Jack Morelock, '55
Mary Jo Moyer, BA'57
Fred Charles Myers, Jr., '51
Jesus Ojeda Rivera, '59
Dale Romaine Olson, '54
Reed H. Peterson, '51
George W. Plant, BS'52
Homer U. Ries, '51

1961-1970
Ibrahim Abd El Wahid, MS'63
Klaus Bandel, '66
Jimmie Dean Bowman, '61
Eugene O. Bowser, '61
David S. Brumbaugh, '68
Dean K. Bryson, '63
Earl H. Budke Jr., '68
John J. Coble, '68
Anthony E. Corcoran, BS'64
David E. Epp, BS'63
Faramarz Frouzan, '63
Robert Jacob Garrecht, '64
Carl Lesley Geller, '67
Carolyn Lee Griffin, '68
Peter W. Huelsenbeck, '64
John Huh, BA '68
Suresh M. Jamkhindikar, PHD'69
Philip M. Knighton, '66
Robert Clement Koch, '64
Robert W. Heil, BS'68
Lyle R. Silka, '74
Ali Seyrafian, MS'78
Betty Jean Socha, '76
Benja Songsirikul, MS'78
Robert H. Teifke, MS'72
Leonard L. Woolsey, MS'71

1971-1980
Yacoub Y. Alhajji, '74
Robert S. Woods, '78
Michael C. Whisler, '80
Robert W. Heil, BS'78
Dennis E. Wynne, BS'61, MS'62
Howard C. Thornton, Jr., BA'67
Clyde T. Williams, BA'62
Milo E. Wynne, BS'61, MS'62

1981-1990
Talat Younis Abdullah, MS'84
Zulkifly Abd. Rahim, BS'85
Keyvan Aliabad, '89
Rodziah Haji Daud, BS'86
Pablo Alfonso Delgado, '86
Ute Doring, '90
Mary Wier Dosssett, '83
Rene Christine Elwood, '81
Brett Edward Engel, '83
Howard R. Feldman, '90
Usama M Fergiani, '82
Eric D. Goldman, '86
Mark Wayne Grommes, '82
Alexander Hagens, '89
Donald H. Harrison, Jr., '81
Jason C. Heath, '90
Dennis G Hitz, '81
Chris R. Hoffman, BS '83
Hann Chen Huang, '80
Steve Kuoyi Huang, '82
Dan R. James, '82
Robert M. Joeckel, '86
Jeffrey Lee Jones, '89
Susan C Kent, '81
David Alan Kvam, '82
Mastura Abdul Malik, BS'86
Jeffery Scott McCoy, '83
Andrea Lou Meachum, '82
Kevin Earl McFarland, '82
Kamal T Moghadam, '85
Mufthah Giuna Mohamed, '83
Ali Mufthah Mshirah, '82
Soheila Nasseri, BS '83
Rebecca D. Oswald, '83
George C. Outlaw, '83
Mitch R Powers, '90
Reyes Jacobo Quesada, '86
Kim G Rightmire, '87
Charles E. Schabel, '82
Monsef A. Swedan, BS'81
Chandra D. Tiranada, BS'88
Michael A Wheeler, '84
Stephanie S. Whisenant, '81
Zulfiqar Ali Rehman, '85
Dennis A. Williams, '81
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Coming Events

KU FIELD CAMP REUNION 2005  
Weekend of June 11, 2005 - Cañon City, Colorado.

Contact Liz Gravatt (egravatt@ku.edu) if you are interested in attending

AAPG 2005  
June 19-22, 2005 – Calgary, Alberta CANADA

Alumni reception on Monday, June 20, 2005. See convention program for specific time and location.

GSA 2005  
October 16-19, 2005 – Salt Lake City, UT

Alumni reception on Monday, October 17, 2005. See convention program for specific time and location.

AAPG 2006  
April 9-12, 2006 – Houston, TX

Alumni reception on Monday, April 10, 2006. See convention program for specific time and location.

GSA 2006  
October 22-25 – Philadelphia, PA

Alumni reception on Monday, October 23, 2006. See convention program for specific time and location.

The University of Kansas  
Department of Geology  
120 Lindley Hall  
Lawrence, KS 66045

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