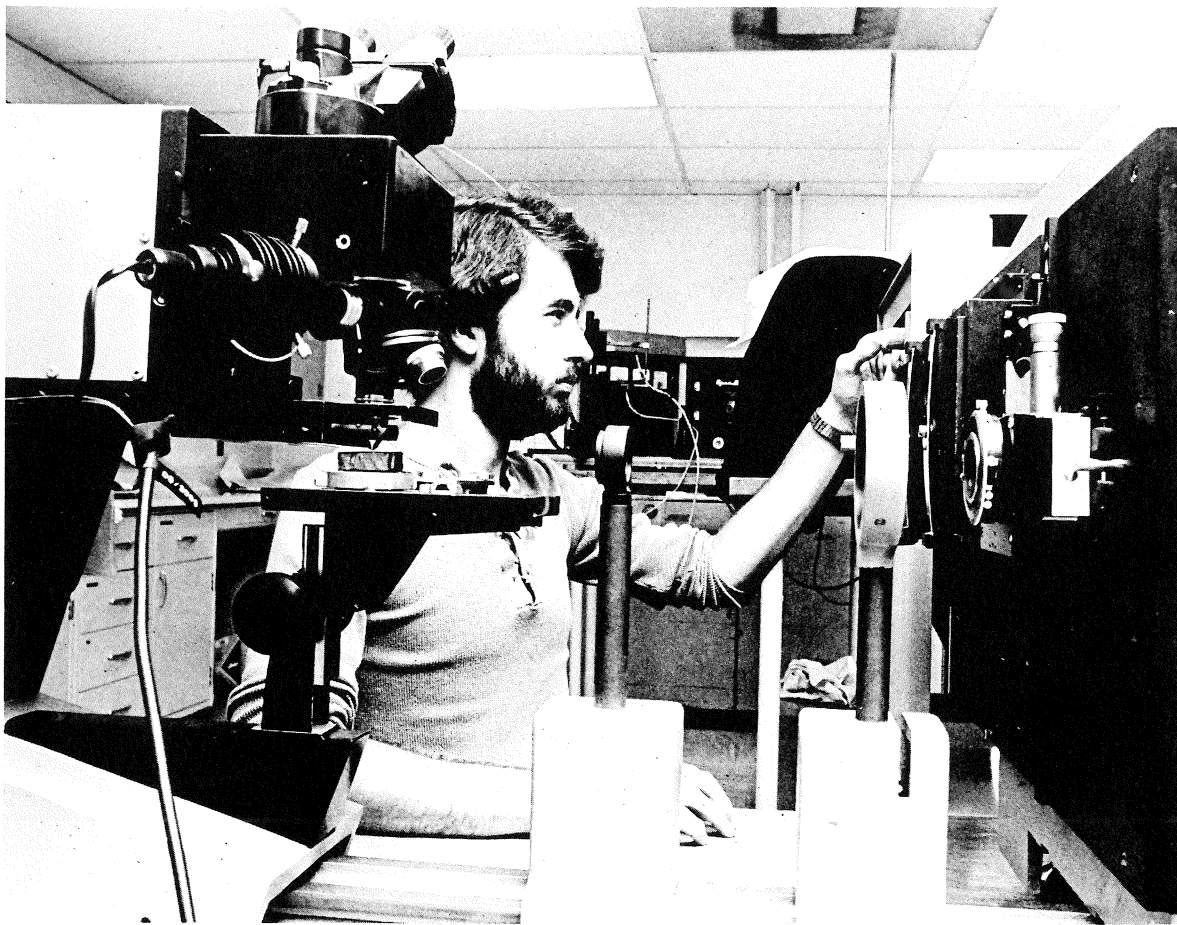


The Department of Geology University of Kentucky

The Round Up (1974)



Miller Hall never looked like this

COVER PHOTO

The black box era has caught up with us. This is one of our six laboratories in Research Facility No. 1 on Washington Avenue just a few steps down the street from our main quarters in Bowman Hall.

RANGE CHART - Inside back cover

We thought you might find mildly interesting a bit of department history, so after gathering dates from various sources, including poor memories, John Thraillkill made up the chart which appears in this issue. If we have goofed with dates or omissions we expect to hear from those of you who have better or more complete information. It's already out of date, but your editor doesn't think now is exactly the time to ask John to redraft it. We will try to up-date it from time to time so that you can locate yourself with respect to your favorite or least favorite index fossils.

Greetings from our New Chairman

Starting about 10 years ago, the University initiated a policy under which chairmen of the various departments served for a maximum of eight years and were then "rotated". Last January Bill Dennen, who had served as chairman since 1967, decided to take leave for a year and so the rotation took place a bit earlier.

By now I think I have discovered why Bill decided to go on leave! So many things are happening, such as the implementation of our doctoral program, a growing amount of research, the beginning of offerings in geophysics, and a recent increase in the number of our undergraduate majors, that it's enough to keep anyone hopping. I can only hope that I will be able to help the department move into new areas of growth and still see that field training, the master's program, and other areas of strength remain strong.

Support by alumni has, and will continue to be, a big help to the department, and I would like to thank you all. I look forward to meeting you when you are in Lexington.

A handwritten signature in dark ink, appearing to read "John Thrailkill", with a large, flowing loop at the beginning.

John Thrailkill

Staff Additions-Changes

In the fall of 1973 we were able to add a permanent staff position in geophysics. The person selected to fill this opening is Dr. G. R. Keller. Dr. Keller received his Ph.D. degree from Texas Tech in 1973. He spent the 1972-73 year at the University of Utah as Research Assistant Professor and joined us at the end of August in 1973. You will be seeing some geophysical data originating from these parts in the very near future. Fortunately, he is able to start out with much of the needed basic equipment. The department has purchased a magnetometer; Texas Instruments Co. has donated a \$10,000.00 gravimeter; and the University's major equipment committee has seen fit to purchase three \$4500.00 portable seis-

mographs. The department has inaugurated a bachelor's degree in geology with a geophysics option, as well as a master's degree with emphasis in this area.

Many of you may wonder how the department is still able to function. In August of 1973, after 15 years of service in the department, Ina Estepp left to take a challenging job in the Arts and Sciences Dean's office as advisor for pre-medical students. She must have proven to the Dean's office that the geology department is the place where only extremely capable persons can work, because only a few months later the Dean's office called upon the services of Mary Bryant who had replaced Ina as principal secretary. Karen Bishop has now taken over as principal secretary and we have two other relative newcomers to the front office, namely, Anita Puckett and Patricia Bryant.

Visiting Speakers Program

We have had a number of informative speakers appear before seminars during the year. These included Dr. Lynn Glover III from Virginia Polytechnic Institute, Dr. B. Clark Burchfiel from Rice University, Maurice Deul of the U. S. Bureau of Mines, and Dr. J. Barry Maynard from the University of Cincinnati. In addition to these we were able to sponsor our third annual symposium of New Concepts in Sedimentology. This was an all day affair held Saturday, January 26. Our attendance continues to increase for this special series. 200 persons registered. Our speakers were Dr. Lloyd C. Pray, University of Wisconsin; Dr. Robert L. Folk, University of Texas; Dr. Robert Ginsburg, University of Miami.

San Antonio A.A.P.G.

This is the report we get from Bill and Vivian MacQuown: "Bill and Vivian were co-hosts for the University of Kentucky Alumni cocktail party in April. About twenty people attended, but several left before we got a complete list.

Bill and Carmen (Calloway) King and Russell and Caroline Ford also attended the post-convention trip with us to Mexico City where we had a great time. Carmen had been a geology student when Bill MacQuown first taught at U.K. in 1946-47. Others of that era included Bill Macke and Ed Self. Some of the real "old timers" were Tubby and Mrs. Engel and Harry and Mrs. Emmerich whom we had known in the 'oil patch'. Some of the 'bachelors' who left their wives at home were Ken Smith, Charles Druitt, Jim Hazel, Charles Cunnard, Bill Jackson, David Piper and Boyne Wood. Other alumni at the meeting may have missed the notice that Kentucky was included in the 'All Alumni Cocktail Party' and if so we apologize.

Field Trips

Our sixth annual all department field trip held in October found us gazing at and arguing over outcrops to be seen in the Magnet Cove area of Arkansas. The region was suggested by Bud Fisher as a possible location for such a trip, so who do you think wound up as the leader and saddled with all the planning?

Bill MacQuown again led a group of 13 students through the mangroves of the Florida Keys during spring break. We assume they all know all the answers regarding carbonate deposition. At any rate on their return they had acquired the same appearance as the less serious students who spend the spring break on the beach at Ft. Lauderdale.

Department Gifts

We are pleased to announce that Marathon Oil Company has made a \$1000.00 unrestricted donation to the department this past year. We will see that the money is put to good use.

As already mentioned, Texas Instrument this past year donated a \$10,000.00 gravimeter to help us in launching our programs in geophysics.

For three years Texaco gave aid to the department in the amount of \$1000.00 per year, and in this last year we have taken a portion of this money to furnish a student lounge in Bowman Hall. An appropriate plaque will be placed in the

room to acknowledge Texaco's contribution.

Chevron has continued its annual \$1000.00 gift, of which \$500.00 is given each year to an outstanding senior student.

Student financial assistance continues from the funds established by two of our alumni, James Hudnall and George W. Pirtle.

We want to thank all of you who have contributed to the McFarlan Fund. This fund has meant much to a number of students who have needed small sums for various expenses connected with their study and research programs. The money in this fund is pretty much spent as received, so that if it is to continue its vital role in enhancing the quality of education in the department it must depend on continued support from friends of the department. Should you feel the urge to assist, simply send your donation to the University marked "McFarlan Fund". We have tried to acknowledge contributions by a personal letter to each of you. We hope we haven't overlooked any of you fine benefactors.

Enrollment Increases

After several rather lean years in undergraduate enrollment there now is a definite increase. Our current undergraduate majors number approximately 50. The graduate enrollment is approximately 30, with 8 students working toward the Ph.D. degree and 22 as master's candidates. If you are looking for first class employees we should be able to help you find them.

Southeastern G.S.A., Atlanta 1974

The department made quite a contribution toward the technical program of the 1974 Southeastern Section of G.S.A. at Atlanta. Seven papers involving department staff and student authorship were presented. This included five staff members (Blackburn, Brown, Keller, MacQuown, and Thrailkill) and six students (Carney, Dever, Robl, Rosa, Schwendeman and Stollenwerk).

Miscellaneous News and Notes

Bill Dennen spent the summer of 1973 in the lower Amazon basin as a consultant on bauxite exploration. The program was so successful that he is taking leave from the department for the calendar year 1974 to continue the project.

The Geological Society of Kentucky's annual field trip this past April was organized by Lois Campbell. After all her work and preparation of the guidebook, she was unable to be present due to illness in the family. The trip dealt with glacial and Pleistocene drainage features of southern Indiana and northern Kentucky. Lois plans a short trip to Europe this summer.

Jack Wills, our departmental technician, was provided with an adequate laboratory for thin-section preparation when we made our move from Miller Hall. He has become a real expert in sectioning and has developed several techniques to prepare unusual materials for microscopic study. The lab is quite a contrast to the old grinding room many of you may remember.

Bill Brown hasn't quit the Piedmont. He has several graduate students involved in theses projects in the area and has also gotten Keller and geophysics oriented students interested in finding the answers to things long bothering him about this region.

Bill Blackburn has been on sabbatical leave for the entire year. He plans to return at the end of the summer. Most of his time has been spent on research at the Institute de Geologie, Universite de Louvain, Louvain-da-Neuve, Belgium. We are looking forward to his return in the fall.

Bruce Moore is spending the summer again, as he did last year, in Australia. He is continuing a mineral exploration program combining remote sensing (EROS photography), geochemistry, and field geology.

John Thraillkill and Bill Brown are both spending a few weeks in Europe this summer with their wives on what they tell us are essentially trips for fun and recreation.

The energy crisis has not gone unnoticed, and Bud Fisher and three graduate students are involved with projects under the auspices of the College of Engineering dealing with coal reserves, composition, and techniques for liquifaction and gasification.

Phyllis and Vin Nelson will be on Cement Creek again from June 7 to August 3. J.T. Wilcox from Western Carolina University will be the second staff member. Student enrollment for this year's camp is 21. Should you be in the vicinity, drop by.

We see that the Oklahoma City Geological Society has been in good hand this year with Louis Ford as President and Bill Jackson as 2nd Vice-President.

Eastern Section A.A.P.G.

The Geological Society of Kentucky has agreed to sponsor the annual meeting of the Eastern Section of A.A.P.G. in the fall of 1976. The meeting will be held in Lexington and probably in October. This ought to give many of you a good reason to make a visit back to the department and some of your favorite spots in Lexington. You will see more about this in the appropriate meeting announcement spots when firm dates have been set. However, now is the appropriate time for you to say: "I believe I'll try to make that meeting."

