

HOOSIER GEOLOGIC RECORD

Vol. I, No. 1 Alumni Newsletter of the Department of Geology Spring 1981

WHAT'S NEW IN THE DEPARTMENT?

NEW EQUIPMENT IN THE DEPARTMENT

Several new equipment items have been added to the department in the past year. Using NSF funds, Ed Ripley has recently purchased a new mass spectrometer for making oxygen, carbon, sulphur, and hydrogen isotope analyses. Jeremy Dunning is installing a triaxial rock-mechanics laboratory equipped with a 225-ton loading frame and confining pressure and pore pressure capabilities of 90,000 PSI. Kase Klein and Ed Ripley obtained funds to add a quantitative Kevex energy dispersive analytical system to the electron microprobe. Two additional CRT computer terminals have been installed in the department. Funds for one of these units were generously provided by Ellen Lake, a former graduate student in geophysics at IU. The department also purchased a Hewlett-Packard HP85 mini-computer for use in teaching and research.

LEE SUTTNER NAMED VICE PRESIDENT OF NATIONAL NAGT

Lee Suttner has been elected Vice President of the National Association of Geology Teachers (NAGT). He will be assuming the presidency at the annual NAGT convention in Cincinnati this November.

DR. GEORGE WHITE DONATES BOOKS

Dr. George White, retired chairman of the Geology Department at the University of Illinois, has donated an extensive collection of reprints on glaciology and the history of geology to the IU Geology Department. Dr. White is a world-renowned expert on the history of geology. His gift, valued at several thousand dollars, makes IU a major repository in this field.

PROFESSOR GIANNI LOMBARDI VISITING PROFESSOR

During the fall semester of 1980, Prof. Gianni Lombardi of the University of Rome was a visiting professor in the Geology Department. Prof. Lombardi taught a course in igneous petrology during his stay in Bloomington.

A MESSAGE FROM THE CHAIRMAN

To I. U. Geology Alumni and Friends:

Geology as a profession is in a dynamic growth period and IU is participating. We have more undergraduate majors and graduate students than at any time in our history and we feel very strongly that we are doing a better job of educating our students for jobs in geology. We need additional industrial fellowship support and increased alumni contributions to the Geology Department fund in the IU Foundation. Our budget is not keeping up with inflation and in order to maintain excellence we need your financial donations and would like for each of you to join the 5-50 Club and pledge an annual contribution as suggested by Dr. Robert Shrock in the 1977 newsletter. You can be proud of the Department of Geology at IU and we in the Geology Department are doing our utmost to continue to make the department strong and healthy. As chairman of the department, I send my warmest regards, and I hope our paths will cross in the immediate future so I can tell you more about the department in person.

Sincerely,
Haydn Murray

ALUMNI NEWS

Richard Alexander, PhD'72, has been appointed Associate Professor in the Department of Geosciences at Rider College in New Jersey. Alex formerly was on the faculty at Utah State.

Steve Benham, PhD'79, is now assistant professor of geology at the Univ. of Missouri, Kansas City.

Robert E. Boyer, AM'69, has been named Dean of the College of Natural Sciences of the University of Texas at Austin.

Clyde Cody, AM'78, and Elizabeth Inonye, BS'78, were married last spring. They now live in Midland, Texas.

Jeff Cook, BS'78, received a masters degree in 1980 from Oregon State University, where he was a Texaco fellow. He is now working for AMOCO in Denver. Jeff was married to Theresa Combs in Corvallis, Oregon in January, 1980.

Peter Dahl, PhD'77, assistant professor of geology at Kent State, is conducting a research project in Antarctica where he spends his "summers" (December and January) in the field.

Nancy Darnell, AM'75, is now with Nova Petroleum in Denver.

Bill Dixon, AM'66, is working for the Illinois Geological Survey in the Northeastern Office. He is active in the local section of the Association of Engineering Geologists. We thank him for his "newsy" letter of last April.

Mack Duncan, PhD'76, is now with an independent petroleum exploration company in Denver.

After working for several years with Sinclair and Texas Instruments, Inc., A. James Felli, AM'64, returned to dental school. He received his DDS in 1976 and MS in orthodontics in 1978. He is currently practicing orthodontia in Corning, New York.

Todd Frazier, AM'73, is now working for ARCO in Los Angeles. He is working with a team evaluating oil prospects outside of North America and has become a world traveler.

Bill Glover, AM'78, is now with Marathon in Casper, Wyoming.

Martin Gole, post-doc at IU, 1979-80, is now an assistant professor at Georgia State University, Atlanta.

Steve Haase, PhD'79, has completed a year of post-doctoral work at Yale and is now working at the Oak Ridge National Laboratory in Tennessee.

Steve Henderson, AM'74, has left his job in industry to work on a PhD degree at the University of Georgia.

Melody Holm, AM'77, is now working for Gulf in Casper, Wyoming.

Jeremy Jameson, AB'73, completed his PhD degree at the University of Edinburgh last summer.

Peggy Keller, MAT'78, has been named Project Manager/Instructor in Geology at the Eastern Washington University-U.S. Bureau of Mines Research Center. She was honored by being named one of the Outstanding Young Women of America for 1979 after being nominated by the Eastern Washington University Provost. She is currently working on her PhD in geology at the University of Idaho.

Don Kissling, PhD'67, has left SUNY-Binghamton to join Robertson Research in Houston where he joins another IU alumnus, Paul Basan, AB'65.

Ralph Knapp, PhD'77, recently joined the Kansas Geological Survey.

Barry Kues, PhD'75, has recently been promoted to associate professor at the University of New Mexico.

Mike Lambert, AM'80, is moving from the Oklahoma Geological Survey to Chevron in New Orleans this fall.

Mike Lieser, AM'76, is working for the Anschutz Company in Denver.

Wulf Massell, PhD'74, is now director of the Petty-Ray Geophysical operations in Houston.

Vince Mikulski, AM'75, is now working for the Kansas-Nebraska Company in Denver.

Dave Millen, AM'75, has moved to Chevron in Denver.

Michael Mound, PhD'63, was recently named Vice-President of Market Development of the Associated Metals and Minerals Corporation in Costa Mesa, California.

Dusty Nichols, AM'80, is working in New Guinea for Exxon Minerals Exploration.

We were saddened to learn of the death of Richard Schweers, AB'33, AM'37, of Houston.

Chuck Siemers, PhD'71, has accepted a faculty position in the Geology Department at the University of Wyoming.

Diane Suhomel, AM'75, has moved from New Orleans to Denver where she is working for the Texas Oil and Gas Corp.

Jerry Thornburg, AM'75, is now with Conoco in Denver.

ALUMNI NEWS, continued

Dan Tudor, PhD'72, has been named Vice President, Exploration Research Department of the Chevron Field Research Corporation in La Habra, California.

David Weinberg, BS'68, is currently the technical assistant to the Manager of

the Exploration and Research Division of Conoco in Ponca City, Oklahoma. Thanks for the letter, Dave.

Steve Young, PhD'75, has recently moved to the Casper, Wyoming offices of Exxon.

DEPARTMENT NEWS, continued

GEOLOGY LIBRARY TO GET GEOREF TERMINAL

Funds have been obtained from the Union Foundation to install and operate a GEOREF terminal in the Geology Department library. GEOREF is a computerized bibliographic service operated by the American Geological Institute. The system operates by searching the computer memory for references on subjects entered through a keyboard. The references are then printed out on the terminal. The GEOREF bibliography contains well over a half million references to the geologic literature from about 1961 to the present. In the future this system may largely replace conventional printed bibliographic services.

HIGH SCHOOL EARTH SCIENCE CONFERENCE HELD AT IU

Last October 30-31, 19 high school earth science teachers and 15 students participated in a high school earth science conference sponsored by the Geology Department. On the first afternoon the participants heard presentations on four different areas of geology by Profs. Murray, Towell, Lane, and Rudman. At a banquet that evening Prof. Lombardi discussed the Mt. St. Helens eruption and Prof. Suttner talked about the IU Field Station. The second day of the conference consisted of a field trip led by John Patton. The purpose of the conference, which we hope to repeat in future years, is to improve communications between the high schools and the Geology Department and to encourage high-ability students to come to IU to major in geology. Profs. Dodd, Dunning, and Patton organized the conference.

CLAY MINERAL SOCIETY MOVES OFFICE TO I.U.

The Clay Minerals Society moved its central office to Bloomington last fall. Haydn Murray is a past president of the organization and was instrumental in arranging the move. Sue Wintsch, the wife of Bob Wintsch, is the central office manager for

the society. The main activities of the society are publication of a journal, Clays and Clay Minerals, and organizing an annual meeting. The annual meeting has been held at Bloomington twice in recent years. The organization has about 800 members from around the world.

CHARLES VITALIANO DONATES REPRINT COLLECTION

Charles Vitaliano has donated his reprint collection, consisting largely of papers on geochemistry and petrology, to the department.

HAYDN MURRAY REAPPOINTED CHAIRMAN

Haydn Murray has been asked to continue as chairman of the Geology Department by the Dean of the College of Arts and Sciences. The formal appointment will be made by the Board of Trustees this spring. Haydn has been the Geology Department chairman since 1972.

KLEIN WINS SCREWBALL AWARD!

What bigger Geology news item could there be than the Winner of the Screwball Award at the Christmas Party! After a hard-fought campaign against a strong challenger (John Droste), this year's winner was Kase Klein.

ORTOLEVA NAMED ASSOCIATE PROFESSOR OF CHEMISTRY AND GEOLOGY

Peter Ortoleva of the chemistry department has been given a joint faculty appointment in the chemistry and geology departments. His major teaching duties remain in the chemistry department, but he is currently leading a graduate seminar in geochemistry with Enrique Merino. Dr. Ortoleva includes physical geochemistry among his research interests.

SURVEY STAFF MEMBERS NAMED PART-TIME FACULTY

Drs. Don Carr, Gordon Fraser, Henry Gray, and Carl Rexroad have been formally

DEPARTMENT NEWS, continued

named part-time (adjunct) faculty members of the Geology Department. This arrangement facilitates their advising of graduate students and occasional teaching of courses in the department.

GEOLOGY DEPARTMENT RECEIVES GRANTS FROM INDUSTRY

During the past year the department received several grants from petroleum companies. Chevron made a \$500 grant to

the department for use in the geophysical program. Texaco contributed \$7000 to renew the Texaco Fellowship for the year and also gave the department \$2500 in unrestricted funds. Exxon also gave \$4500, Cities Service \$3600, and the Mobil Foundation \$1000 in unrestricted funds. Unrestricted funds are used for many projects such as support for graduate student research and bringing off-campus speakers to IU.

We want to hear from you

The Department of Geology and the IU Alumni Association are constantly in need of updated information about alumni. Please send your news to Alumni Publications, Memorial Union M-17, Bloomington, Ind 47405. Please use this form for change of address.

Name _____

Address _____

City _____ State _____ Zip _____

Position/Employer _____

Professional and Personal News _____

Application to Join the Indiana University Alumni Association

A single dues payment includes membership in both the IU Alumni Association and the College of Arts and Sciences-Graduate School Alumni Association, which support activities for Geology Alumni. Please send your check to IU Alumni Association, M-17 Memorial Union, Bloomington, Ind. 47405.

___ \$13 Single Annual ___ \$200 Single Life
___ \$15 Family Annual ___ \$250 Family Life

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