WHAT'S NEW IN THE DEPARTMENT?

INTERNATIONAL ACTIVITIES

Currently, faculty members of the Department of Geology are engaged in more international professional activity than ever before in the Department's history.

Abhijit Basu, curator of petrology, presented two invited lectures in India at the Presidency College and Lady Brabourne College of Calcutta University. He also presented a paper at the annual meeting of the Meteoritical Society in Bern, Switzerland, during August 1981.

Jeremy D. Dunning, assistant professor, presented two papers at the NATO Advanced Study Institute on Adsorption and Surface Mobility held in Les Arcs, France, during September 1981.

Cornelis Klein had a visiting research associate in Bloomington from Tsukuba University, Japan. Dr. Takashi Miyano and Dr. Klein did joint research on theoretical aspects of metamorphic iron silicates and on diagenetic riebeckite. Abstracts on these subjects were given at the GSA annual meetings in Cincinnati.

In the summer of 1982 Professors Cornelis Klein and John Hayes, along with Howard Gest (of Biology) will participate in a geological field excursion in western Australia. Others who will also be part of this trip are: Professors J. William Schopf of UCLA.

A MESSAGE FROM THE ACTING CHAIRMAN

To I.U. Geology Alumni and Friends:

During the past year Haydn Murray has been taking a well-deserved sabbatical leave, and I have been pinch-hitting for him as department chairman. This has been a very busy year for geology at Indiana University. Our long-term increase in the number of undergraduate geology majors is continuing; we continue to attract an excellent group of graduate students, all of whom find good jobs when they complete their degrees; our faculty and graduate students continue to produce important research, much of it with the aid of external funding; and we continue our service role to our profession, the university, and the larger society. Although we think we are performing well, we are never satisfied. We always strive to do better. But doing better is becoming increasingly difficult because of limited funds from the state. The geology department is more fortunate than most departments in having generous alumni and corporate contributors. This allows us to carry out many projects that would not be possible if we depended solely on university funding. Such contributions are more important now than ever if we are to proceed with our efforts to make geology at Indiana University better than ever.

Sincerely,

J. Robert Dodd
David Chapman of UCLA, and James C. G. Walker of the Univ. of Michigan. Dr. Malcolm Walters of the Baas Becking Labs in Canberra will be the Australian partner. This excursion, which will be funded by a NASA grant to Walker, Hayes, Klein and Schopf, is part of continued joint research on Precambrian paleobiology.

Prior to going to western Australia, Dr. Klein will spend two weeks in the field in South Africa as a guest of Professor Nicolas Beukes of Rand Afrikaans University in Johannesburg. This trip will allow a geologic overview and sampling of the major Precambrian iron-formations in South Africa. This research is supported by Klein's ongoing NSF grant on "Comparative studies of Precambrian iron- and manganese form- ations."

Noel C. Krothe, associate professor, gave a paper in October 1981 at the International Association of Hydrologists Karst Conference held at Moscow, Sukhumi, and Tbilisi, USSR.

Enrique Merino, associate professor, presented four lectures in Spain during June 1981 at the University of Madrid and Escuela de Ingenieros de Minas, Oviedo.

Haydn H. Murray, professor and chairman, gave talks and visited government laboratories and universities in Tierra del Fuego, Buenos Aires, Rosario, Cordoba, and La Plata, Argentina, during July 1981. Later in the summer he presented papers and chaired a technical session at the Seventh International Clay Conference, AIPPEA, in Rome, Italy. During Spring 1982 he was in the Weipa region of Queensland, Australia, studying kaolin and bauxite deposits.

Edward M. Ripley, associate professor, visited Norway, Sweden, and Finland in July 1981 to participate in the Nickel Sulfide Field Conference and International Geological Correlation Program on sulfide deposits in mafic and ultramafic rocks.

Lee J. Suttner, professor, visited England during September 1981 to participate in the International Fluvial Sedimentology Conference, an interdisciplinary conference on rivers and river sediment held at the University of Keele.

Professor Emeritus Charles Vitaliano and Dorothy Vitaliano traveled to the People's Republic of China in April 1982 as members of a mining and economic geology delegation. The delegation was sponsored by the People-to-People Citizen Ambassador program initiated by Dwight Eisenhower during his presidency to promote goodwill between the United States and various foreign countries. Some 15 non-ferrous metals mines, mainly in eastern China, were visited and topics of mutual interest were discussed with Chinese geologists. Professor Vitaliano presented a talk entitled "Tungsten mineralization in contact metamorphic zones in the United States."

Robert P. Wintsch, associate professor, spent his sabbatical leave during the fall semester 1981 at the Geologisches Institut, ETH, Zurich, Switzerland, and was at the University of Leeds in England during spring 1982.

MORE FACULTY NEWS

David L. Dilcher, professor of paleobotany, has been elected president of the International Association of Angiosperm Paleobotany.

Albert J. Rudman, professor, has been selected to participate in the Standard Oil Company of California Visiting Professor Program in 1982. He will be visiting laboratories and offices in La Habra, San Francisco, Denver, and New Orleans in a program designed to allow professors to become more familiar with the present state of the oil industry.

Robert H. Shaver, professor, is field trip chairman for the 1983 national meeting of the Geological Society of America. He also is the regional coordinator for the American Association of Petroleum Geologists to manage and produce a Precambrian-to-Recent correlation chart for the eight-state Midwestern-Southern area.

Lee J. Suttner, professor, has been elected president of the National Association of Geology Teachers.

(Continued on next page)
N. Gary Lane, professor, along with recent doctoral degree recipients Thomas Krämer and William Ausich, received the SEPM Outstanding Paper Award in the Journal of Paleontology at the AAPG meeting in San Francisco in June 1981 for their paper on the fossil communities of the Borden Delta in Indiana.

STUDENT AWARDS

In April, the Department honored its outstanding undergraduate and graduate students at our annual awards ceremony. The awards and recipients thereof are:

Undergraduate
- Faculty Senior Awards - Elizabeth Blair, Mark Nearing
- Junior Award - John Hidore
- Undergraduate Research Award, Natural and Mathematical Sciences, College of Arts & Sciences - Elizabeth Blair
- Undergraduate Research Awards, Honors Division - Elizabeth Blair, Kathleen Kordesh

NASA, Lunar and Planetary Institute
- Summer Internship - Kathleen Kordesh

USGS-NAGT Cooperative Summer Traineeship - Margaret Wang

Charles F. Deiss Award - Sean Rooney

NAGT-Cities Service Summer Scholarships - Barbara Bagby, William Boone, William Giles, Rebecca Sayer

Phi Beta Kappa - Cole Abel, Barbara Bagby, Elizabeth Blair

Sigma Xi - Elizabeth Blair

Arco Awards - James Ferry, John Hidore, Kathleen Kordesh, Sean Rooney, Rebecca Sayer

Graduate
- Outstanding Associate Instructors - Christopher Maules, Martin Yates
- Estwing Award - Christopher Maples
- Cummings Award - Peggy Visher
- Sigma Xi - Marcus Johnson, Christopher Maples, Elise Porter, Diane Symbor, Martin Yates
- Arco Awards:
  - Geology - David Brewster, Howard Feldman, Steven Saines
  - Geophysics - James Bogardus, Bradley Hoffman, David Smith

INDUSTRIAL FELLOWSHIPS AND GRANTS TO THE DEPARTMENT

The Department is most appreciative of the substantial investment by a number of companies and individuals in our graduate and undergraduate programs. In these difficult financial times for higher education, their support along with that of our generous alumni and friends has greatly enriched the scope and quality of education in geology and geophysics at Indiana University.

Texaco, Inc. has renewed its graduate fellowship ($8,000). Texaco (Geophysics) also awarded the Department $2,000 in unrestricted funds.

Chevron U.S.A. has renewed its graduate fellowship in geophysics ($7,000 plus fees). Chevron also presented the Department with a grant of $2,500 for undergraduate scholarships.

Shell has a new graduate fellowship of $7,500.

We continue to award the Lowe's and Grassman Fellowships (each $4,800 plus fees) in industrial minerals.

In addition, the Department has received grants from Cities Service ($3,000), Exxon ($7,000), and Mobil ($2,000).

Sohio Petroleum Company supported our program in sedimentary geology this year with a grant of $6,000 to provide a series of research seminars and short courses. Dr. Bruce Wilkinson of the University of Michigan and Dr. Robert Folk of the University of Texas were the distinguished visitors during the past academic year. Sohio has renewed this highly successful program with a grant of $7,000 for 1982-83.

RECENT FACULTY RESEARCH GRANTS

Eleven grants to individual faculty have recently been awarded to Professors Basu (NASA), Dodd (NSF), Dunning (Amoco), Dunning (NSF), Klein (NSF), Krothe (Kennecott), Lane (NSF), Manchester/Dicher (NSF), Ripley (NSF), Suttner (Amer. Chem. Soc.), and Wintsch (Research Corp.). By the time this newsletter is received, we hope a number of additional grant proposals will be funded.
In preparation for this newsletter, we asked a number of our alumni for information concerning their activities now and since their student days, and their responses have been excellent. Unfortunately, space does not permit us to relate all of their items of interest to old friends and associates. We deeply appreciate their letters and enjoy being informed of their activities. We hope that all alumni and friends will keep in touch with us through the years.

1930-1939

Marion Fidlar, AB'34, MA'36, PhD'42, formerly president, chief executive officer, director, and chairman of the board of Mountain Fuel Supply Company, Rock Springs, Wyoming, now serves or has served on the board of directors of the American Gas Association, Independent Natural Gas Association of America, Rocky Mountain Oil and Gas Association, Chamber of Commerce of the U.S.A., Utah Manufacturers Association, Pro-Utah, Inc., Salt Lake Area United Fund, Utah Foundation, Utah Safety Council, First Security Bank of Utah, First Security Corporation, Utah Symphony, Utah Heart Association, Rock Springs National Bank, St. Mark's Hospital of Salt Lake City, Entrada Industries, Wexpro Co., and Interstate Brick Co.

James Reeves, AB'36, MA'39, served 28 years with Sinclair in various capacities before becoming an independent geologist working primarily in Oklahoma. We are also pleased to report that he has quite successfully recovered from coronary by-pass surgery.

F. Hubert Latimer, AB'37, is retired and is doing some consulting in Dallas after a long career with Sun Oil Company which included advancement to manager of exploration for the lower 48 states and for Sun Oil Co., Ltd. in Canada.

Lester Logue, AB'38, after working as a paleontologist for Standard of New Jersey in Venezuela and spending three years in the armed services, was instrumental in the organization of Exploration Surveys Inc. and Exploration Seismic Inc., for which he served as vice-president until 1953. Subsequently he has been involved with Logue and Patterson Inc. and Logue Development Corp. in oil and land development. He also has another corporation, Empresas Rio Oris, S.A., in Venezuela exploring for gold and diamonds on the Guyana Shield.

Howard Tipsword, MA'38, has retired to Missouri after a career which included service with Amerada Oil in Tulsa, Socony-Vacuum in Venezuela and Colombia, Magnolia Petroleum in Louisiana, and Mobil in Houston and Dallas.

Walter Spangler, AB'39, MA'40, after a career with the Standard Oil Company of New Jersey (Exxon) family of companies where he held positions including exploration supervisor and exploration manager in Venezuela, Guatemala, Belize, and Great Britain, among others, remains active with consulting geology work.

1940-1949

John Combs, AB'40, is retired and living in Indialantic, Fla., after some 40 years as an airline pilot.

Preston McGrain, AB'40, MA'42, continues to be with the Kentucky Geological Survey, where he has been assistant state geologist since 1950 and head of the Industrial and Metallic Minerals Section since 1964.

Everest Wible, AB'41, after serving as division manager for Patrick Petroleum Corp., Oklahoma City, is now part-time consultant to the company. Previously he worked in the Illinois Basin for Bell Bros. Co. and Aurora Gasoline Co., and also in Kansas and Oklahoma for Aurora, Marathon, O. A. Sutton, and McClure Oil Co., holding various positions including exploration manager and division manager.

Frank Kottlowski, AB'47, MA'49, PhD'51, has been awarded the AAPG distinguished service award. He also was honored recently for 30 years of service to the New Mexico Bureau of Mines and Natural Resources and by having a fossil named

(Continued on next page)
after him, Neostlingoceras kottlowski.

George Winston, MA '47, is now a consulting geologist in Florida after having spent 15 years with Carter Oil Co., in various assignments in the Michigan Basin, Illinois Basin, and Williston Basin. He also was involved in projects in Florida, Louisiana, Mississippi, Alabama, and Tennessee.

Robert Bieberman, AB '48, MA '50, senior petroleum geologist with the New Mexico Bureau of Mines writes that a new addition will be constructed this year to house the Bureau's oil and gas records, which, along with the sample library, fall under his jurisdiction.

Donald Hyer, AB '49, MA '51, vice-president, Texaco U.S.A., has recently been selected to be in charge of exploration.

Kenneth Waters, AB '49, MA '50, has been named president of Texoma Production Co. in Houston. He joined the company last year as vice-president for exploration and production activities, and had been executive vice president since July 1981.

Richard Erd, AB '50, MA '54, is thriving with the USGS after 30 years at the Survey, and has projects he plans to pursue for many more. Currently he is studying an unusual mafic, alkalic diatreme, in northwestern California with Dr. Gerald Czamanski.

James Harris, AB '51, director of the U.S. Office of Surface Mining, spoke at the 1981 fall meeting of the Illinois-Indiana section of the AAPG held in Bloomington.

Gordon Grender, BS '51, MA '52, continues to be at Virginia Tech, where he spent five years as department chairman in a career that has included a PhD degree from Penn State along with years with Standard of California, Jersey, and Esso Production Research, and a short stint of teaching at Allegheny College.

George Puscas, AB '51, MA '53, remains with Gulf Oil Corp., and presently is in Midland, Texas, where since 1980 he has been manager of the Production Geology Dept. of Gulf Oil for the Southwest.

Helen Beikman, AB '52, is rounding out a 30-plus year career with the USGS, having started out part-time in Bloomington and then moving on full-time in 1952 with succeeding assignments in Washington, D.C., Albuquerque, Menlo Park, and Reston, Va. Currently, she coordinates two mineral land assessment programs, one with the Bureau of Land Management, and a second with the Bureau of Indian Affairs. Helen is especially noted for her outstanding contributions to the compilations of the geologic maps of the United States (with Philip King) and of Alaska, as well as her major role in the improvement of employment opportunities for women scientists. Helen is now preparing to embark on a second career involving the planning of courses in interior and architectural design and in realty management prior to forming a corporation whose function will be buying and renovating historic structures in northern Virginia.

Samuel Riely, BS '52, MA '53, is on assignment with Mobil in Jakarta, Indonesia, where he finds life interesting and exciting, both professionally and personally.

John M. Smith, BS '53, MA '56, has advanced from geologist to chief geologist and director of lands and exploration for Georgia Kaolin Co.

Robert Boyer, MA '54, dean of the College of Natural Sciences for the University of Texas, has been elected vice-president/president-elect of the American Geological Institute for 1982. Dr. Boyer was recently honored by the University of Texas at Austin's Geology Foundation "for his many years of service as chairman of the Department of Geological Sciences and for his work with the Foundation." In addition, a $250,000 endowment honoring Dr. Boyer was made to the University of Texas by James R. Moffet of McMoRan Oil and Gas Co. to support a professorship. It also should be noted that Robert Boyer was chosen as the 1980
ALUMNI NEWS, continued

recipient of the NAGT Neil Miner award for excellence in teaching. Congratulations!

Teruo Yamamoto, BS'56, MA'57, remains with the U.S. Dept. of Agriculture Forest Service with major involvement in watershed management research and mined land reclamation research. He has served in Vicksburg, Honolulu, and since 1966 has been in Rapid City, S.D.

Pei-yuan Chen, MA'57, is now employed by Gulf Science and Technology in Pittsburgh, Pennsylvania.

Michael Cowen, BS'57, MA'58, an independent consulting geologist since 1960, is a principal and officer of Aztec Producing Company, Inc., an independent oil and gas producer in the Michigan Basin.

George Nevers, MA'57, after stints with Chevron in New Mexico, Texas, and Colorado, and in regional exploration for King Resources Co. in Denver, joined Coastal Corp., Denver and Houston, for which he has been serving as senior vice president for exploration and production since 1978.

William Dixon, BS'58, MA'66, has been with the Illinois Geological Survey since 1975 working primarily in studies of waste disposal sites, including groundwater conditions at prospective well sites. He is currently serving a two-year term as chairman of the North-Central Section of the Assoc. of Engineering Geologists.

R. Gordon Pirie, BS'58, MA'61, PhD'63, is with Schlumberger-Doll Research in Ridgefield, Conn., since 1978 after 15 years on the faculty of the University of Wisconsin-Milwaukee.

Robert Cullers, BS'59, MS (Chem) '62, has been promoted to full professor at Kansas State University, Manhattan.

Thomas Hirschmann, BS'59, MA'63, is in his native Guatemala, where he is general manager for the Swissholding Overseas Corp. and very excited about a current contract for a 738-foot high double-arch dam in Honduras. Previously he headed the Geotechnics and Foundation Division of the Guatemala National Institute for Electrification and also worked in management for Christensen Diamond Products in San Jose, Costa Rica, and Mexico City, Mexico.

David Mathews, BS'59, MA'60, has recently returned from 12 years in Alaska and is area geophysicist with Union Oil Co. of California, Midland, Texas.

1960-1969

Lawrence Skelton, BS'60, was recently awarded the second oak leaf cluster to the U.S. Air Force meritorious service medal on the occasion of his retirement with the rank of lieutenant colonel. He is now branch manager of the Kansas Geological Survey, Wichita.

Roger Cuffey, AB'61, MA'65, PhD'66, has been a full professor at Penn State for three years now and recently has been serving as chairman of the Northeastern Section of the Paleontological Society.

Ronald J. Walton, BS'61, received his advanced degrees in computer science after leaving IU, but now reports that he has returned to geology as the ADP coordinator for the U.S. Geological Survey in Colorado.

George Leckie, MA'62, PhD'64, remains with British Petroleum for which he has served in Australia, New Guinea, Scotland (regional geologist for the North Sea), Singapore, and London (regional geologist for Northern Europe). He is soon to be on assignment in Abu Dhabi.

Larry Woodfork, BS'64, MA'65, continues to serve the West Virginia Geological and Economic Survey, and has advanced to assistant to the director and assistant state geologist. He also holds an adjunct appointment as associate professor of petroleum engineering at West Virginia University. He is past president of the Eastern Section of AAPG, is currently president-elect of the American Institute of Professional Geologists, and also serves on the advisory council of the national AAPG executive committee.

Myra Woodfork, MA'64, is pursuing her interest in music with graduate study at the University.

Harvey Barrett, MAT'68, received the (Continued on next page)
Doctor of Science Education degree from Virginia Tech in 1977, and now is principal of Campostella Jr. High School in Norfolk, Va.

David Weinberg, BS'68, has been promoted from research group leader to director of geology research, Exploration and Research Division of Conoco in Ponca City, Okla.

Peter Calengas, AB'69, MA'75, PhD'77, has been granted tenure at Western Illinois University.

1970-1979

Sigrid Asher-Bolinder, BS'72, is now the USGS lithium commodity geologist.

She and Dick Asher, BS'72, are celebrating the approaching first birthday of their first child, Molly Alison Kathleen.

Iida Immega, MA'73, PhD'77, is in charge of the Economics Section, Mid-Continent Division, Shell Oil Co., Houston.

Neal Immega, MA'72, PhD'76, is now senior research geologist in Shell Development's organic geochemistry group.

Robert Sterrett, BS'72, received his PhD degree from the University of Wisconsin in 1980 and is now project hydrogeologist with Woodward-Clyde Consultants, San Francisco.

Arlen Grove, AB'74, MA'81, has moved from Mobil where he was a production geologist to join Ladd Petroleum as senior exploitation geologist for the Gulf Coast Division.

Eric W. Robbins, AB'74, MD'78, is a radiology resident at the U.S. Army Fitzsimmons Medical Center in Aurora, Colo.

Becky Weimer, AB'74, remains enthusiastic about her many activities with the Nevada Bureau of Mines and Geology, for which she has been employed for the past eight years.

Edward Crisp, PhD'75, is now employed by Forney Oil Co. in Houston.

Nancy Darnell, MA'75, is the new secretary of the Rocky Mountain Association of Geologists.

1980-1982

Mark Reifenstein, MA'80, is a hydrogeologist with CH2M Hill of Portland, Ore.

Clarke Bean, MA'81, is employed by Chevron and is working at Lafayette, La.

Alan Laferriere, MA'81, has a position with Gulf Oil Co. in Casper, Wyo.

Jayne Sieverding, MA'81, is employed by Chevron in Denver, Colo.

Christopher Foell, MA'82, has a position with Texaco in New Orleans.

Thomas Kamrre, PhD'82, has accepted a position as assistant professor in paleontology at West Virginia University, Morgantown, W.V.

*   *   *

We were saddened to learn of the deaths of Frank E. Allen, AB'16, Robert G. Stouse, BS'52, and James H. Kercher, BS'55.

*   *   *

Bee Banfill (now Mrs. Charles C. Jones), administrative assistant in the IU Dept. of Geology during the '50s and '60s, now lives in Bradenton, Fla., when she isn't off traveling someplace. Her last expedition was a tour of Peru and Bolivia, including a week in the Amazon jungle, and this spring she is scheduled for a tour of mainland China. She sends greetings to all of her old friends.
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