

ing objects of Indian art and craft for 25 years.

Article in Esquire

The November issue of *Esquire* carried an article by Harold Keith, '29ba, director of sports publicity at the University, entitled "Pioneer of the Forward Pass."

In the article, Mr. Keith described the invention and use of the forward pass by Eddie Cochems, coach of St. Louis University, in the first decade of this century. Cochems also originated the modern system of pass defense and was the first coach to demonstrate that a strong running game is essential to forward passing.

Mr. Keith is the author of two books, *Boys' Life of Will Rogers*, and *Sports and Games*, a Junior Literary Guild selection in 1940.

Frauchiger Returns

Fritz Frauchiger, who has been on leave of absence in Washington, D. C., since November, 1943, returned to the University this fall to resume his position as associate professor of modern languages.

Dr. Frauchiger served as a linguist on the Board of Geographical Names in Washington. A graduate of the University of California at Los Angeles and the University of Chicago, he joined the University faculty in 1938. He has also studied in Germany and France. He and Mrs. Frauchiger have a three-year-old son.

Homecoming Is November 11

Alumni who are able, under travel restrictions, to attend O. U. Homecoming Day on November 11 will celebrate the homecoming of Alumni Secretary Ted M. Beard, major in the Air Corps, who returned to the campus in early October.

After more than two-years absence from O. U., Major Beard returned to his duties as executive secretary of the Alumni Association and manager of the Oklahoma Memorial Union, positions he held before entering service.

He was released from the Air Corps at Fort Sam Houston, Texas, following his transfer from the headquarters of the Spokane Air Service Command where he served as deputy chief of personnel and training division and control officer of the headquarters. Major Beard will be on terminal leave pending his final discharge late in November.

He, Mrs. Beard (Katheryn Haxel, '24) and their daughter Sally have moved back into their home in Norman.

T. R. Benedum, president of the Alumni Association, issued a special invitation to alumni in the Norman and Oklahoma City vicinity to attend Homecoming Day activities and welcome Major Beard back to the University.

Alumni farther off who are able to attend will also be most welcome, President



LANGUAGE PROFESSOR BACK
Fritz Frauchiger, associate professor of modern languages, has returned to the campus after a leave spent in Washington, D. C.

Benedum stated, but the Alumni Association is not urging that they make the trip in these days of travel restrictions.

Homecoming Day activities will be simple again this year. Registration will begin at 9:00 a. m. in the Union Lobby and continue until time for the Sooner-Missouri football game in Owen Stadium at 2:00.

A meeting of the Executive Board of the association has been called for 10:00 a. m. on Homecoming morning, President Benedum announced. An openhouse for returning alumni will be held throughout the day in the Union Building and a reception in the Union Lounge has been scheduled after the football game.

Good Neighbors Here

Seventeen students from other countries are attending O. U. this semester, George E. Wadsack, registrar, announced recently.

They include Jose Alalu, Ricardo Miranda, Andres Rodriguez and Carlos Rubio, Peru; Berta Arrocha, Dora Arrocha, Genarina Arrocha, Victoria Arrocha and Simon Quiros, Panama.

Efrain Barberii, Jose Casanova, Julian Ferris, Alfredo Gamez, Manuel Iribarren and Julio Sosa, Venezuela, and Apolinar Solano, Colombia.

Students attending the University from Puerto Rico are Carmen Amador and Juan Amador. Sofia Zuniga and Yolanda Rueda are enrolled from Mexico.

Enrique Chipoco, '43eng, will return to Peru sometime this month after receiving his master's degree in engineering.

Faculty

ANOTHER HONOR came to a University of Oklahoma professor recently when J. Rud Nielsen, research professor of physics, was asked by the Ray Control Company of Pasadena, California, to act as consultant. The company is engaged in making plans for the postwar period and Dr. Nielsen will assist in spectroscopic problems on which he is an authority.

► B. Gaylord Noftsger, Oklahoma City architect and president of the Oklahoma chapter of the American Institute of Architects, announced that the state group at its fall meeting in Tulsa extended a vote of thanks by acclamation to Henry L. Kamphoefner, professor of architecture, "for his contribution to the architecture of the state as evidenced by the recent national publication of his house and the Public Health Center in Norman."

Professor Kamphoefner's house was featured on two pages in the September number of *Arts and Architecture*. Included in the spread were seven photographs of the home, plans and comment by the editor in which he stated, "The general plan has been successfully realized and represents one of the best examples of contemporary architecture in the region."

► Lt. Comdr. Margaret B. Stephenson, former O. U. counselor of women now a member of the SPARS, has been assigned to the U. S. Coast Guard Training Station in Brooklyn, New York, where she will help set up an Intake Center for the demobilization of men from the European theater.

► Capt. Jerry J. Nolan, '39bus, and Mrs. Nolan (Elizabeth Duncan, '41-'43) are the parents of a baby son Jerome James, Jr., born September 14 at Shawnee. Captain Nolan is assistant professor of military science and tactics at the University.

► Capt. Alfred B. Sears, O. U. history professor on leave for military service, has completed histories of three Anti-aircraft Artillery brigades he has been assigned with and is now writing the history of the Fourth Anti-aircraft Command to which he has been transferred. Captain Sears is responsible for seeing that all units of the command write histories and keep them up to date with a monthly chapter. The Fourth Anti-aircraft Command has charge of all anti-aircraft attached to the Western Defense Command.

► L. B. Hoisington, professor of psychology, has been elected president of the campus chapter of the American Association of University Professors, succeeding Virgle G. Wilhite, professor of economics on leave for war work in Washington, D. C. Dr. Hoisington was formerly vice president of the chapter.

Science at Work

► Sixteen paintings by O. B. Jacobson, director of the School of Art, were on display in the Art Building during the first two weeks in October. The exhibition included western landscapes done by Professor Jacobson during July and August at a retreat in the Rocky Mountains of northern Colorado. The paintings were produced from sketches taken while traveling in Wyoming, Utah, Arizona and New Mexico during the summer.

► Erma Bickett, assistant to the dean of the Graduate College and a member of the University staff since 1932, has resigned to become secretary to Homer L. Dodge, president of Norwich University, Northfield, Vermont. Miss Bickett was assistant to Dr. Dodge, former dean of the Graduate College, for several years before he took a leave of absence in 1942 to accept a position in Washington, D. C. Recently Dr. Dodge resigned to become president of Norwich. Alberta McCann, secretary of the department of history, will succeed Miss Bickett as assistant in the Graduate College office.

► Capt. Barre Hill, professor of music on leave for military service, was reported in Normandy working with civilians who have claims against the Allied armies. Captain Hill spent several years in France as a voice student and was assigned to his present duty because of his knowledge of the French language.

► Announcement was made of the engagement of Miss Ina L. Griffith, assistant professor of pharmacy, to Joseph Brundidge Black, Cyril. The wedding was set for mid-November. Miss Griffith, a member of the University faculty for 15 years, has worked toward a Ph.D. degree at Purdue University, LaFayette, Indiana. She is affiliated with various pharmaceutical and scientific organizations, including Sigma Xi honorary research society, of which she is an associate member. Mr. Black attended Central State College, Edmond, and received his bachelor's degree from Southwestern Institute of Technology at Weatherford. He has been in the drug business for the last 20 years and recently has retired.

► Pfc. Truman Pouncey, assistant professor of journalism on leave for military service, was last reported in Belgium as head of a Civil Affairs team which moves to liberated towns as the Germans are driven out, establishes contact with the local authorities and helps keep order until quiet is restored. Private Pouncey landed in Normandy shortly after D-Day.

► Cortez A. M. Ewing, director of the School of Citizenship and Public Affairs, was re-elected president of the Norman Forum at the first meeting of the organization in October. Speakers at the meeting were Congressman Mike Monroney, '24ba, of Oklahoma's fifth congressional district, and Herbert Hyde, '18, Oklahoma City attorney, who spoke on the issues involved in the 1944 election.



CLICKS AGAIN

Harold Keith, O. U.'s prolific sports writer, is author of an article in the November issue of Esquire.

► Pvt. Leslie H. Rice, journalism professor on leave for military service, has been designated feature editor for *Sage*, magazine of an Army Air Force unit at Normoyle Quartermaster Depot near San Antonio, Texas.

► Lt. Herschel G. Elarth, associate professor of architecture on leave, was one of the first four American soldiers to enter Versailles with the Army, according to word received by friends at the University.

► Dr. Paul B. Sears, professor of botany at Oberlin College, Oberlin, Ohio, lectured there at the first autumn meeting of Sigma Xi honorary research society held October 23. Before the lecture Dr. Sears was honored at a dinner given at the Oberlin Faculty Club. Former botany professor at O. U., he is the author of the best-seller *Deserts on the March*.

► Charles Elson, former University drama professor now in New York City, has been working under the Navy Department in the development of training aids devices. Mrs. Elson, under the name of Diana Rivers, has been appearing in the Broadway production of *Chicken Every Sunday*, a comedy about boarding house life in Tucson.

► Helen H. Hamill, assistant professor of home economics, was one of a committee of three Oklahoma home economists appointed to work out a manual of directions for food preservation, including canning, drying and freezing. This manual will be used by home economics teachers, home demonstration agents and others who have to do with food preservation.

WAR is rapidly diminishing the oil supply of the United States, necessitating an intensive search for new fields. In this search fossils rank among the scientists' greatest aids.

Fossils are evidence of ancient life. If like fossils occur in widely separated rocks, it follows that the rocks are the same age. This is known as correlation. Since rock formations are laid down in chronological order and the evolution of a species of plant or animal can be traced through fossils, the relative age of a formation may be determined.

New regions can be dated by comparing their fossils with those of a district of a known age. Oil is more likely to be found in rock formations of certain ages than in others; therefore, companies save thousands of dollars by drilling only in rock formations whose age indicates a definite possibility of oil.

To be valuable in correlation, the fossil represented must have had a relatively short time range and been widely distributed. Graptolites fill these requirements admirably. Coming from the Greek words, *graptos*, written, plus *lithos*, rock, graptolites were marine organisms which attained world-wide distribution during the upper Cambrian, Ordovician, Silurian, Devonian and early Mississippian periods of geologic history. That means they floated around in the seas more than 320 million years ago.

They aren't very significant looking fossils. At first glance, they might be careless pencil-marks left on rocks by prehistoric doodlers. They range from a fraction of an inch to four or five inches in length.

With the aid of a tailor-made microscope manufactured in England however, Dr. Charles E. Decker, O. U. research professor in geology, has become an international authority on graptolites. He is in constant communication with paleontologists of many countries, including Great Britain, Australia, China, and before the war, several European nations.

It is largely through Dr. Decker's efforts that Sylvan shale, a rock outcropping in Oklahoma's Arbuckle Mountains, was credited to an earlier geological period. For years, geologists had placed the Sylvan shale in the Silurian period. The presence of certain graptolites indicated that it was laid down in the upper Ordovician, and as such it is known today.

To illustrate the value of graptolites to geologists, Dr. Decker tells of a section of China under investigation. All the fossils discovered were new genera; there-

(CONTINUED ON PAGE 17)