Hogan Receives Research Grant

Dr. William Ransom Hogan, associate professor of history at O.U., has been awarded a grant by the American Philosophical Society for research on the history of free Negroes before the Civil War.

Hogan, historian and author, will follow up investigations started as the result of a discovery 10 years ago of a collection of manuscripts, including a diary, account books and business letters, dealing with a free Negro family in the pre-Civil War days.

The complete diary with an introduction will be published this spring. The philosophical society grant will make possible work on a second shorter volume.

Wrinkle Directs Career Survey

What careers the state high school senior is interested in, and why—that's what Herbert Wrinkle, director of field relations for the University of Oklahoma College of Education, is finding out these days.

The class of 1947 in 150 selected high schools all over the state will bare their ambitions and vocational aspirations to Wrinkle and 19 other O. U. faculty members who will cover the state this spring.

The answer to “What are you going to be when you grow up?” proves mighty interesting to Wrinkle and his staff, who hope by commencement time to be able to make a fair estimate of this year's college freshman class and what they plan to major in.

The survey has barely begun, but preliminary reports show a definite trend in high schools already surveyed. The largest number of men students are interested in some branch of engineering, with business holding the next highest combined total of men and women. Agriculture, home economics and teaching hold equal attractions, and a strong interest in nursing has been shown in all high schools visited.

In addition to taking the high school poll, the 20 O. U. representatives counsel the students on vocational opportunities, fill speaking engagements with high school and civic groups in the towns they visit, and serve as one-man information bureaus during a question and answer session on college education.

Tentative schedules for visits to all schools desiring to participate in the program have been set up by Wrinkle. Speakers include O.U. teachers in education, mathematics, psychology, business, English, as well as O.U. administrative officials.

Faculty Notes

W. S. Morgan, former director of radio education at the University of Nebraska, has been appointed production manager of the University's educational radio station WNAD.

Dr. Gustav Mueller, chairman of the department of philosophy at the University, is the new president of the Southwestern Philosophical conference. The conference is made up of the states of Oklahoma, Arkansas, Louisiana, Texas, New Mexico, Colorado and Kansas.

Jim Bridger," a biography by Stanley Vestal, who is W. S. Campbell, professor of English at the University, is recently been published in a Sir Frances Drake's story of Sir. Francis Drake's story of 1492, a student of the University of Nebraska, has been appointed production manager of the University's educational radio station WNAD.

Bill Zerboni, '39-'41, is employed as a salesmen with Black Sivells and Bryson Tank Co., in Seminole.
Botanists Spot Species by Air

By SAM CAMPBELL, '48

Junior Journalism Student from Enid

The department of plant sciences has just acquired an air reconnaissance section—unofficial of course.

Personnel includes Dr. Norman H. Boke, pilot, and Dr. George J. Goodman, observer, both of whom teach plant sciences at the University.

Dr. Boke remarked, "It isn't that kind of a pilot. But they did mark areas covered the Norman-Ardmore-Lawton triangle and were home two hours before supper time.

In a flat three hours flying, they had looked at things botanical over a 2,000 square mile area. They didn't collect specimens, of course. But they did mark areas where particular types of plants might be found. Some spring, the field parties will be able to spend more time finding and less time searching.

Dr. Boke doesn't know whether or not he is the first botanist to use a plane in this manner, and disclaims that he ever had the "idea" for such. As a member of the Seventh Airforce, he was a passenger on several flights. Being a botanist, he paid particular attention to the jungle vegetation.

Persons who aren't biologists may think the study of plants at 1,000 feet a bit awkward for a science whose traditional instrument is the microscope. Doctors Boke and Goodman hasten to point out, however, that the aerial survey is just a supplementary method. Plants and geological structures are frequently correlated. From the air, these features can usually be recognized easily.

In winter plants like the bronze-leaved black jacks and silver-tipped cottonwoods stand out plainly.

From the air, these features are like a model map to the botanist. The airplane provides another dimension for observation and eliminates the traffic hazard.

By far the most striking aerial picture to Dr. Goodman, who once traveled for Iowa State College as an economic botanist, was the terrific erosion. Dr. Boke recalled an erosion ditch in Caddo County, the depth of which he estimated to be some 200 feet.

Another thing notable to the scientists is the dense scrub timber between Ardmore and Duncan, which ends abruptly just east of Duncan. Such growths in Oklahoma are generally correlated with sandy soil, which absorbs water readily.

The west timbered hills of the Arbuckles, which very few collectors, naturalists or otherwise, reach because the infrequent roads, are concealed horizontally by the terrain.

"One nice thing about flying in Oklahoma," Dr. Boke remarked, "is the numerous landing spots. Any town of more than 600 population seems to have some sort of a strip. That PT-19 is a little heavy for somebody’s cow pasture."

To which Dr. Goodman added, "What we need now is a fleet of strategically located jeeps."

O.U. Enrollment Stands at 10,002

With 6,230 education-hungry veterans representing 65 percent of the students, the University of Oklahoma's total enrollment for the second semester is 10,002, an increase of 57 percent over the same period in 1939-40. President Cross has announced. The figures include the School of Medicine and Nursing.

The greatest advance has been in the College of Engineering, which shows 87 percent more students than in the corresponding 1939-40 period. Next are the College of Arts and Science and the Graduate College with increases of 62 and 61 percent respectively, while Business Administration and Pharmacy gained 54 percent, Fine Arts 35 and Law 34.

Present enrollment on the Norman campus is 6,613 compared with 5,885 for the first semester. Of this number 7,439 are men and 2,174 are women.

Dr. Cross pointed to an 18 percent enrollment rise in the College of Education for the second semester over last semester as promising in view of the national teacher shortage. Also showing second term gains were Business Administration and Pharmacy, 2.3 percent; Law, 7.8; Pharmacy, 5, and the Graduate College, 2.

The Education gain is the first in several years and occurred despite an overall loss of women, who generally form the main group of education students. More men are entering the teaching field, figures indicate.

Viewing the enrollment picture as stabilizing, Dr. Cross predicted that the University will continue to hold its 10,000 student count for many years, perhaps permanently, with a continued increase.

Veteran Enrollment Comparison

With an enrollment of 6,111 veterans, enrollment has soared to the highest peak in its 54 years of existence with a total enrollment nearing 10,000 students.

According to data tabulated from answers to a questionnaire sent out to 125 schools by George P. Haley, director of veterans affairs, the University ranks 14th in its veteran enrollment among the 37 schools who responded to the questionnaire by giving their specific veteran enrollment. Thirteen other schools answered, but were unable to give definite figures on enrollment of students under the GI Bill of Rights.

Highest on the list of respondents to the questionnaire was the University of West Virginia with 79,15 per cent as compared to OU's 62 per cent. However, being a smaller school, West Virginia had a total veteran enrollment of only 4,380.

Among the larger schools, Texas A. & M. leads the field with 6,301 veterans, 76.58 per cent of its 8,301 total enrollment.

New York University was the largest school answering Haley's questionnaire. It reports a total enrollment of 40,612 students, with an enrollment of 19,276 veterans.

Not only does OU rank high in its overall percentage of veteran enrollees. It also places fourth among those schools reporting married veteran students. The mean figure was 25.93 per cent, while OU steps out with 35.8 per cent. OU is surpassed in this field by three other schools, George Washington, which leads the others with 35 per cent, Utah State and the University of California.

On the basis of this questionnaire, Haley points out that it is evident that the University is one of the leaders in higher vacation for veterans, and he offers the following explanation. The University has forged ahead in obtaining veteran housing, assisted by the people of Norman. This was greatly aided by the availability of two naval bases adjacent to the University. The survey pointed out that many other schools are also taking advantage of military establishments for housing. Many schools have also prepared prefabricated houses, such as the University's Sooner City, and have obtained surplus quasent huts to be converted into dwellings.

A feature that stands out among the facts gathered from the survey is the number of veterans enrolled in engineering schools. Mr. Haley suggests that this is partially due to the amount of technical training that veterans received in the armed forces. Many students enrolled in the University prior to the war have changed their majors to engineering upon returning to school.

The lowest veteran enrollment reported was that of Penn State, which reports a mere 28 per cent. Generally it was found that many privately endowed schools ranked low because of a tuition rate in excess of the $500 which is provided for by the Servicemen's Rehabilitation Act. Other reasons attributed to a low percentage of veteran enrollments in some schools is lack of housing facilities, this was prohibitive especially in the case of married veterans.

Most state schools which charge the Veterans Administration nominal tuition fees, and which have adequate housing facilities, are proud of a very high percentage of veteran enrollment.

O.U. Summer Session

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<td>Boys' State Institute of International Relations</td>
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