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Survey of Ph.D.s Shows More Than 90% Placement

Results of an annual survey compiled by the WU Graduate School of Arts and Sciences show that 123 of 127 Ph.D. students graduated during the 1974-75 academic year have found employment or are pursuing further training.

A breakdown shows that 58 persons are teaching in colleges and universities; 29 are doing post-doctoral work; 10 are doing research; 8 are doing miscellaneous work such as working at the United Nations; 7 are working in professional service; 4 are working in industry; 2 are doing independent work (one is a free-lance musician and another is doing independent research and writing); 5 are taking additional training in medical and dental schools, and 4 did not report jobs.

Dean Ralph E. Morrow of the Graduate School of Arts and Sciences, who does the survey each year in cooperation with the National Research Council, said that the placement rate is about the same as it has been for the past five years—more than 90 percent.

Fewer women received Ph.D. degrees last year (31 out of 127) than in 1973-74 (35 out of 122). Approximately 34 of the 1974-75 Ph.D. graduates have remained in St. Louis, with the others distributed throughout the nation and in several foreign countries.

Morrow said that “The job market is unquestionably tighter than it was ten years ago, but the change is most noticeable in the A.B.D. (all but dissertation) category,” (for which he has no statistics). “It may be tough to find a job with a bachelor’s, master’s or Ph.D. degree, but it’s even more difficult with an A.B.D.”

Morrow encouraged students who want to pursue a Ph.D. degree to do so despite uncertain economic conditions, and to prepare alternate employment plans if they can’t find work in their chosen fields after graduation.

7% Decrease In Campus Crime Since January

For the first eight months of this year crimes on the WU campus decreased 7 percent, when compared to the same period in 1974, in the seven standardized reporting categories of crimes.

Norman O. Schneider, director of the WU Campus Police, said that the decrease was especially encouraging in view of an 18 percent increase reported nationally for the same seven areas of crime. Schneider said that from January through August of this year the number of crimes on campus in the seven uniform reporting areas were: homicide, 0; forcible rape, 0; robbery, 0; assault, 1; burglary, 12; felony theft (over $50), 53; misdemeanor theft (under $50), 208; and motor vehicle theft, 25. From 1974 to 1975 in the January-August period, robberies dropped from 7 to 0; assaults from 6 to 1; felony thefts from 57 to 53 and misdemeanor thefts from 228 to 208. Motor vehicle thefts increased from 15 to 25.

“The most important factor in these statistics so far has been the decline in crimes against persons,” Schneider said. Nearly 70 percent of the total of 298 crimes for the eight-month period were misdemeanor thefts, mainly vending machine and bicycle thefts, and articles that students reported missing from their rooms or classrooms.

September statistics for this year were not completed for all seven categories as The Record went to press. Schneider reported that a total of two attempted crimes against persons had been investigated by Campus Police this month: one attempted rape on the night of Sept. 16 in the Brown Hall parking lot in which the assailant grabbed a student but fled when she resisted him; and one attempted robbery on the evening of Sept. 18 on Campus Drive, north of Givens Hall, in which a student was asked for his money by a carload of youths who drove away after he dis-
New Program in Freshman Composition
Concentrates on Individual Writing Needs

The English Department has revamped its freshman English composition program to better meet students' individual needs.

The course, formerly taught only in classes of 18-20 students, is now also offered through tutorials and an alternate placement section. The tutorials are for students who have shown they have difficulties with the fundamentals of writing. The alternate placement section is for students who have shown an above-average proficiency in writing but still need help.

This semester approximately 350 students are enrolled in the regular English Composition 100 sections, 36 in the tutorials and 9 in the alternate placement section. Fifty-one students from this year's freshman class placed out of the English composition requirement by achieving a 4 or 5 on the Advanced Placement SAT exam.

This fall freshmen were placed in the various sections and tutorials on the basis of their results on an essay exam devised and administered by the English Department.

The reason for the exam, according to William G. Madsen, chairman of the English Department, was to identify immediately those students who had special writing problems. In previous semesters, such students were often not discovered until the end of the first semester of required composition. Frequently, they did not achieve a C grade, required to receive credit for the course, and would then have to take English Composition 200, a tutorial, in order to receive the special attention they needed. By putting them into a tutorial class their first semester of English composition, the department hopes these students' writing skills will be brought up to the required level in one semester.

Six of the most experienced teaching fellows teach the tutorials. Because the exam identified specific problems, such as subject-verb agreement, the teaching fellows have been able to devise suitable programs for each student. The tutors meet with the students individually each week.

Betty White, lecturer in English and coordinator of the tutorial programs, tries to match students with teaching fellows who may have special interest or preparation in the students' particular problems. For example, one student from Holland who was having difficulty with idiomatic English was teamed up with a teacher whose major interest was linguistics.

"The reasons why some students write well and some write poorly are not always clear," said Bernetta Jackson, associate professor of English and consultant to the tutors.

"An ineffective writer and a very good writer may come from the same high school. Some students who have special writing problems communicate very well through other forms, drawing or painting for example, but not through words. In general, learning to write well is like learning to play an instrument well," said Jackson. "You have to practice continually. Many high school teachers today have too many students. As a result they assign fewer papers and students don't get the instruction and practice they need in writing."

"In general students do not write as well as they once did," said White. "I notice on exams that essays are shorter. Today's students do not know how to develop ideas fully. Students are very bright and articulate in class but their brightness is not always reflected in their writing."

Crime
(Continued from page 1)

played an empty wallet.

One robbery-assault case which took place the night of Sept. 16 off-campus on South Skinker near Forsyth is being investigated by St. Louis Police. Graduate student John W. White was assaulted by two youths who robbed him of $9 and fled when several motorists came to White's aid. White, who required surgery for a head injury, is scheduled to be released from Barnes Hospital today.

No crimes against persons have been reported on campus in the South 40 area during September. Campus Police received two reports of indecent exposure during September in the dormitory area. Apparently in response to the latter incidents and as a crime prevention measure, a group of students have petitioned for a resumption of student patrols on the South 40. From November through May of the last school year three pairs of students patrolled the South 40 each evening under Campus Police coordination. Schneider said that he is not opposed to student patrols, "which obviously give us extra eyes and visibility, but no funds were provided in our budget."

Tomatoe Productions Concert

Margie Adam, California pianist, composer and singer, will perform at 8 p.m. Saturday, Oct. 4, in the Women's Building Lounge on campus.

Adam's extensive West Coast performances include a benefit last June for the Los Angeles Women's Building, where she shared the stage with Meg Christian and Holly Near, both singers and guitarists, and Lily Tomlin, actress and comedienne. Adam's song, "Beautiful Soul," was released this year by Dusty Springfield. She has played back-up on two releases by Olivia records, a recording company owned and operated by women.

Sponsored by the University's Office of Campus Programming, the concert is the first in a series of programs planned this year by Tomatoe Productions, a St. Louis collective of women artists, performers and writers. General admission is $2.50; WU faculty/staff/students with valid I.D., $1.25.

DAVID J. PITTMAN, professor of sociology and director of the Social Science Institute at WU, has been appointed to the Missouri Mental Health Commission.
C. M. Wolfe Joins Engineering School

A well-known researcher in the field of applied physics, Charles M. Wolfe, associated for ten years with the M.I.T. Lincoln Laboratory at Lexington, Mass., has joined the School of Engineering and Applied Science faculty as professor of electrical engineering.

He is an authority on semiconductor devices, most of them made from silicon, which have made possible the development of solid-state television sets and transistor radios. This semester Wolfe is teaching two courses on this subject. Other semiconductor materials are used for very high frequency microwave and electro-optical devices, for lasers, and for fiber optics communications.

Since joining the WU faculty, Wolfe has set up several research projects concerned with compound semiconductors. He and some graduate students are working on methods of transforming the infrared rays produced by gallium arsenide, a compound semiconductor, into electrical signals by means of a special detector made of the same material. The successful application of this technique would make it possible to communicate by means of light beams.

Gallium arsenide, when alloyed with phosophorous, emits a visible red light which has made possible the development of lighted numerals for calculators and the new digital watches. These lighted numerals consist of light emitting diodes (LEDs).

Wolfe's interest in compound semiconductors dates back to his Ph.D. research in the early sixties at the University of Illinois, where his mentor was Professor Nick Holonyak, the developer of LEDs. Wolfe was Holonyak's first graduate student; Holonyak, in turn, was Nobel Prize winner John Bardeen's first graduate student. Bardeen, who retired last year from the University of Illinois, won the first of his two Nobel Prizes for the development of the transistor which, in turn, led to the formation of the whole semiconductor industry.

The WU Record is published weekly during the academic year by the Information Office. Editor, Kathy Pearson; assistant editor, Janet Kelley. Address communications to Box 1142.
FRIDAY, OCTOBER 3
8 p.m. Mallinckrodt Center Programming Board Poetry Reading, with David Melzer, San Francisco poet; Howard Schwartz, poet and prof., UMSL English department; and Lyle Harris, St. Louis jazz guitarist, Umrah Lounge.

SATURDAY, OCTOBER 4
6:30 p.m. WU Woman’s Club and Men’s Faculty Club Bicentennial Celebration, featuring dinner, entertainment, and door prizes. Jefferson Memorial in Forest Park.

MONDAY, OCTOBER 6


5:30 p.m. Organizational Meeting for ACID Magazine (A Critical Insight Into Israel’s Dilemmas). Open to all persons interested in working on the publication. 303 Mallinckrodt Center.


8:30 p.m. School of Architecture Lecture, Maxwell Fry, architect, of Fry, Drew, Knight & Creamer, London, will discuss the early days of the CIAM. 116 Givens.

THURSDAY, OCTOBER 9

SPORTS

SATURDAY, OCTOBER 4
10:30 a.m. Women’s Varsity Tennis. WU vs. Lindenwood College. At Lindenwood College.

11 a.m. Cross Country, Mo. State Intercollegiate Championships. At Columbia, Mo.

2 p.m. Soccer, WU vs. Blackburn College. At Blackburn College.

TUESDAY, OCTOBER 7

4 p.m. Women’s Varsity Tennis. WU vs. UMSL. At UMSL.

WEDNESDAY, OCTOBER 8
4:45 p.m. Soccer. WU vs. UMSL. At UMSL.

THURSDAY, OCTOBER 9

4 p.m. Women’s Varsity Tennis. WU vs. Principia College. At Principia College.

Jean Ritchie, a Kentucky dulcimer player who was a central figure in America’s early folk music movement, will give the second concert in a five-part “Perspectives in American Music” series at 8 p.m. Fri., Oct. 10, in Graham Chapel. General admission is $3.50 in advance ($2.50 with U. S. card); $4 for everyone at the door.

4 p.m. Division of Biology and Biomedical Sciences Seminar, “Conservation of RNA during oogenesis: fact or artifact?” L. Dennis Smith, prof. of biology, department of biological sciences, Purdue U. 213 Rebstock.

8:30 p.m. School of Architecture Lecture, Jane Drew, architect, of Fry, Drew, Knight & Creamer, London, will discuss the firm’s international practice. Steinberg Aud.

WEDNESDAY, OCTOBER 8


1 p.m. WU Woman’s Club Walking Tour of Campus for Woman’s Club Newcomers. Meet at Women’s Bldg.

THURSDAY, OCTOBER 9

4 p.m. Department of Psychology Lecture, “Holonomy and Structure in the Organization of Perception and Memory: Some Neuropsychological Data.” Karl Pribram, prof. of psychology, Stanford U. 107 Eads.

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