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November 9, 1978

125th
YEAR

NOV 14 1978

W.U. RECORD



Peter H. Zimmerman

WU's Performing Arts Area will present Dale Wasserman's powerful drama *One Flew Over the Cuckoo's Nest* at Edison Theatre Nov. 10-12. As the inmates of the mental institution (above, from left) are WU students Richard Dandrea, Scott Weissman, James Robertson (as the heroic patient McMurphy) and Michael Blanco. (See Calendar)

Archaeologist George E. Mylonas Returns to WU To Speak on Greece

Famed archaeologist George E. Mylonas, Rosa May Distinguished University Professor Emeritus in the Humanities (now of Athens, Greece) will return to campus to speak on "Recent Archaeology in Greece."

His talk, sponsored by the University's Archaeological Society and open to the public, will be presented on Wed., Nov. 15, at 4 p.m. in Steinberg Hall Auditorium. The Women's Society of WU will give a reception after the address. Mrs. Charles F. (Joanne) Knight is chairman of that event; Mrs. William F. (Jeannette) Rogers is president of the society.

A member of the WU faculty since 1933, Mylonas is internationally recognized for archaeological excavations at Mycenae which he began in the 1950s. He will discuss three archaeological projects which he presently directs. This work is being done on the island of Thera and at two great temples in Greece—Apollo Epicurius, in Bassae, Arcadia, and the Erechtheion in Athens.

The excavations on Thera, the volcanic island nearest Crete in the Aegean Sea, are taking place at Akrotiri. This settlement dates back to the Middle Minoan Period (2100-1600 B.C.).

Work is also progressing at the Temple of Apollo Epicurius in Bassae, Arcadia (450-425 B.C.). Designed by Ictinus, who also was the architect of the Parthenon, this building is most significant because it uses all three of the Greek Orders of Architecture—Doric outside and Ionic and Corinthian within.

Mylonas will also describe archaeological preservative work at the well-known temple Erechtheion in Athens (421-405 B.C.), which stands on the Acropolis north of the Parthenon. To prevent further deterioration by pollution, the six draped female figures or Caryatids on the southern or Caryatid Porch of this famous structure are being moved to the National Archaeological Museum in Athens. The original of one of these maidens is in the British Museum with a terra-cotta copy standing in its place. Now, the five other originals are being replaced.

Undergraduates Set Record For Enrollment

Undergraduate enrollment has reached a record high this year, and despite a decrease of students in graduate level programs, overall full-time enrollment at WU is also up over last year.

According to figures tabulated at the end of the fourth week of classes (September 22) by the Office of Student Records, total full-time enrollment is 8419, compared with 8369 in 1977. Enrollment peaked over the past five years during the 1975-76 academic year, when 8671 students were enrolled at WU.

Total enrollment, including full and part-time students (School of Continuing Education, medical certificate program and unclassified) is 10,900 this year.

Full-time undergraduate enrollment increased by 165 students over last year's undergraduate population of 4266 and exceeds the previous record undergraduate enrollment of 4364 in 1976. Full-time graduate enrollment (including professional programs) decreased by 115

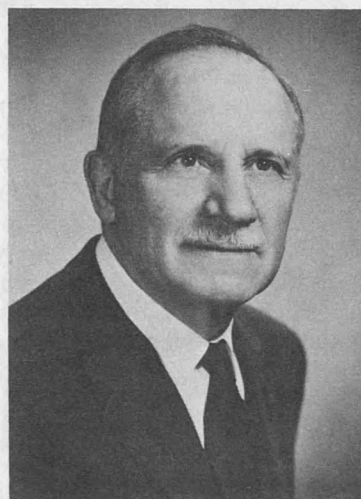
students, from 4103 last year to 3988 this fall.

The entering freshman class accounts in part for the undergraduate increase. The new class numbers 1116, 142 students more than last year's entering class. The class of 1982 includes 156 National Merit Scholars, the largest number ever admitted by WU in a single year.

In establishing the new undergraduate enrollment record, nearly all undergraduate divisions had a net increase in enrollment between 1976, previously the record year, and 1978. The largest increase was in the School of Engineering and Applied Science (undergraduate and Sever undergraduate), where enrollment has increased by 102 students over the two years. Undergraduate increases in the other schools, over this two-year period, were: School of Business and Public Administration, 36 students; the School of Architecture, 22; the School of Fine Arts, 4; and the programs for occupational and physical therapy, 8. Although enrollment in the College of Arts and Sciences increased significantly this year over last, enrollment between 1976 and 1978 fell by 105 students.

University divisions reporting the highest increases in enrollment over last year are: the College of Arts and Sciences with 2467 students, an increase of 63; the School of Engineering and Applied Science (undergraduate and Sever undergraduate) with 986, an increase of 41; and the School of Law (including both juris doctor and master of law degree candidates) with 673, an increase of 37.

Other divisions reporting enrollments that increased



George E. Mylonas

(continued on page 3)



A new house goes up in Wukung.

WU Professor Selden Studies Life at Grassroots Level in China

After studying the People's Republic of China for almost two decades by piecing together information from Chinese publications and random remarks by Chinese officials, Mark Selden, WU associate professor of history, received a scholar's true bonanza this past summer. He and three other American professors interested in modern China were invited by the Republic's government to spend three weeks living and studying life in a rural commune on the North China Plain, 60 miles south of Peking in Hopei province.

Two hundred and thirty-four households in Wukung Village, which make up one of three teams constituting the Wukung brigade, a model of successful cooperative practice, were the focus of the study. A team, Selden explained, is the basic unit of work and income distribution in most communes. Income, he added, may sometimes vary 50 per cent or more between teams depending on production levels and autonomous decisions about distribution.

In-depth interviews with approximately 100 people and a comprehensive house-to-house survey—the first conducted by Western specialists in China since 1949—were the vehicles of investigation. “Our purpose was to capture in a microcosm the changes in the countryside of China as a result of the revolution and to do it in a way that brought us close to the lives of the people,” Selden said.

The 50-question survey was not a preconceived “blueprint,” but was the result of a week's investigation and consultation with the team's members. “We wanted to know what they thought were the important changes in their lives,” he said.

The survey questions were geared toward determining changing patterns of income, marriage, birth, political participation, division of labor and consumption. Eleven high-school-educated youths trained by the professors conducted the survey from house to house. The analysis of the survey's data should be completed by this spring, Selden said.

For Selden, who has specialized in the revolution in China's countryside and in the transition to socialism, this experience at the grassroots level of Chinese society held several surprises.

One was “the brute reality of overcoming poverty.” Despite the gains of three decades, Selden said, “the difficulty of producing a substantial surplus is still very much at the center of life. Yet the symptoms often associated with poverty—demoralization, family and social disintegration and high unemployment—are nowhere evident.”

Although Wukung is a relatively prosperous village whose standard of living has risen since its founding in 1943, it faces, with the other communes, on which 800 million of China's people live, the continuing problem of producing enough for its

own residents and the more than 100 million people living in urban areas. Despite impressive increases in yield, the high ratio of people to arable land and vulnerability to natural disasters continue to be roadblocks to China's economic progress, Selden said. In Wukung, he pointed out, 3000 people live on 600 acres—the area of a medium-size farm in the United States—working land that has been farmed for 1500 years. This means that while yields are rising, the return on one day's labor averages only 10 kilograms in China, compared with 5000 kilograms in the United States.

In an attempt to overcome these obstacles and increase productivity, the Chinese have turned more and more to scientific and technological methods of farming, combining modern tractor technology with the upgrading of indigenous and semi-mechanized tools. “These people are in love with technology, the way Americans were in the '30s and '40s. Many of their methods are more ‘primitive’ than ours—such as crop interplanting to eliminate insects, and heavy reliance on natural fertilizers—but they are also less destructive,” he said.

Perhaps more surprising to the average American are the team's system of income distribution and the most popular consumer items. Income is distributed on an individual basis—“to each according to his work,” Selden said, so that the more workers within a family, the higher the household's income.

Each person's work is evaluated on a six-to-ten point scale, he said. In 1975, the women of the team—none of whom ever earned 10 points—criticized this system for being discriminatory and for reinforcing the traditional idea of the inferiority of women. Mothers would commonly refer to a new born girl as “my little 7½ pointer,” Selden said. Since then, the system has been reevaluated and 25 per cent of the women are now earning 10 points for their work. The change, he noted, transformed the basic income structure as well as the status and outlook of women, who account for half the work force.

Such consumer items as bicycles, watches, sewing machines and clocks are signs of the first steps beyond basic subsistence, ushering in the beginning of a consumer society, Selden said. The greatest material gain, however, has been in housing, he added. “Housing is what the people work hardest to save for and is the most visible sign that the old days have passed and that every family can look forward to the future with con-



Professor Mark Selden (right) with the 78-year-old leader of the Wukung brigade.

fidence and dignity.”

The houses, privately owned and paid for in cash, are built of attractive solid brick by village teams on a priority basis set by the community. A 1966 plan to rebuild the village by 1985 is 80 per cent complete. What is most impressive about these many changes, Selden observed, is that they rest on a system designed to achieve “common prosperity” and insure that the gains in productivity will be enjoyed in the countryside in ways that guarantee the basic livelihood of every member of the community.

Selden, who joined the WU faculty in 1967, is the author of *The Yen'an Way in Revolutionary China*, published by Harvard University Press, and *The People's Republic of China*, to be published this coming January by Monthly Review Press, New York City.

(Janet Kelley)

Enrollment

(continued from page 1)

this year are: the School of Architecture (undergraduate), 212, an increase of 27; School of Business and Public Administration (undergraduate), 342, an increase of 26; the Graduate School of Business and Public Administration, 416, an increase of 20; School of Fine Arts (undergraduate), 335, an increase of 10; George Warren Brown School of Social Work, 416, an increase of 9; School of Dental Medicine, 288, an increase of 5; and the graduate occupational therapy program, 12, an increase of 5.

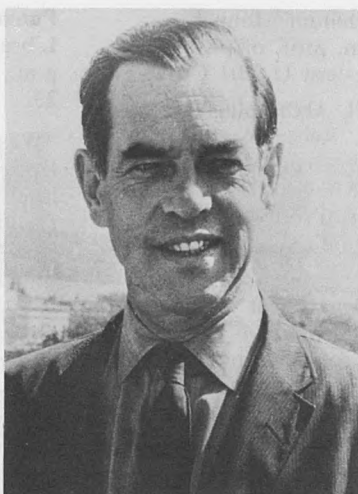
Divisions reporting decreases in enrollment are: Graduate School of Arts and Sciences, 1058, down by 153; School of Architecture (graduate), 138, down by 12; School of Engineering and Applied Science (graduate), 335, down by 14; School of Fine Arts (graduate), 38, down by 11; School of Medicine, 549, down by 1; undergraduate occupational therapy, 48, down by 1; and physical therapy, 41, down by 1. Enrollment in the graduate level health administration program remained at last year's level, 65 students.

The School of Continuing Education, including the Central Institute of the Deaf, has 2158 students enrolled in its various part-time programs, down 290 from last year's enrollment. Seventy-four students are enrolled in the School of Medicine's certificate program, down 14 from last year.

Unclassified students number 249, an increase of 7.

The proportion of female to male students has not changed significantly from last year: the undergraduate divisions are made up of 41 per cent women and 59 per cent men. Thirty-six per cent of students in graduate programs are women to 64 per cent men.

The **WU Record** is published weekly during the academic year by the Information Office. Editor, Janet Kelley; calendar editor, Charlotte Boman. Address communications to Box 1142.



Joseph Campbell, author of the *Masks of God* and scholar of Jungian psychology and world mythology, will give the Assembly Series Lecture on Wed., Nov. 15, and the Asian Art Society Lecture on Thurs., Nov. 16. (See Calendar)

JACK PELTASON, president of the American Council on Education, will speak at 4 p.m. Mon., Nov. 13, in Lambert Lounge, 303-304 Mallinckrodt Center as part of its 125th Anniversary celebration. His topic will be "Politics of Higher Education." The lecture, which is free and open to the public, is being sponsored by the Political Science Department. Born in St. Louis in 1923, Peltason was Chancellor of the Urbana-Champaign campus of the University of Illinois from 1965 to 1977. He was vice chancellor, academic affairs, University of California at Irvine, from 1964 to 1965; dean of the University of Illinois College of Liberal Arts and Sciences from 1960 to 1964; and professor of political science at Illinois from 1959 to 1964. He is the author of *The Missouri Plan for Selection of Judges; Understanding the Constitution, Federal Courts in the Political Process; Government by the People* (with James M. Burns) and *Fifty-eight Lonely Men*.

PERSONS with Type O blood are particularly urged to participate in a blood drive Nov. 13-17 on campus. The drive will be held in Lambert Lounge (303-304 Mallinckrodt) from 10 a.m. to 3 p.m. on Monday and Friday; 10 a.m. to 8 p.m. Tuesday through Thursday. The Red Cross is sponsoring the drive.

WU Pediatrician Receives Grant To Study Adolescent Hypertension

Dr. David Goldring, professor of pediatrics at the WU School of Medicine, has received a grant of more than \$137,000 from the National Institutes of Health to study the effect of exercise on adolescents with hypertension (high blood pressure). Dr. John O. Holloszy, professor in the Department of Preventive Medicine, is coinvestigator.

In a previous study, Goldring and his colleague found that three to four per cent of high school-aged adolescents are hypertensive. The study, thought to be one of the first of its kind, established blood pressure norms for adolescents by taking the blood pressure of 20,000 St. Louis area students.

Researchers at WU fear that adolescents with high blood pressure will continue to suffer from that disease throughout adulthood. While hypertension does not cause complications in adolescence, it is a major contributor to stroke, heart disease and kidney failure in adults. There is no cure for hypertension in adults, but high blood pressure can be controlled by drug treatment. Goldring hopes that, if an effective intervention is found, the disease can be reversed before adulthood.

The current project will investigate whether regular exercise can be effective against adolescent hypertension. About 60 youths from St. Louis area high schools will participate in the study which will require them to jog, bicycle or swim for a minimum of an hour a day.

Periodic evaluations will determine the students' compliance to the exercise program and what effect it is having on their hypertension.

LUCIUS J. BARKER, Edna F. Gellhorn University Professor of Public Affairs at WU, has been appointed to the national committee on "Project 87, An Interdisciplinary Study of the Constitution, Joint Program of the American Historical Association and The American Political Science Association." Project 87 will be developed in three phases. The first phase, covering the next three years, will be devoted largely to research, scholarly seminars and conferences.

JOHN E. WALSH, JR., professor of management at WU, has published the book *Strategies in Business* in collaboration with Shea Smith III, vice president of Cotuit Corporation, Management Consultants, Boston and St. Louis. The book, recently published by John Wiley & Sons, shows how to develop new ideas, avoid costly mistakes and save valuable time when engaged in corporate planning. Walsh is currently writing a casebook on *Management Tactics*.



The Campus Y's annual International Bazaar, featuring merchandise and food from around the world, will be held in the Women's Bldg. and in Umrath Hall from Tues. Nov. 15, through Sat., Nov. 18. (See Calendar)

Calendar November 10-16

FRIDAY, NOVEMBER 10

12 noon. Department of Anatomy Seminar, with Dr. J. Z. Young, Wellcome Institute, London. Erlanger Aud., 4750 McKinley.

2 p.m. Department of Germanic Languages and Literatures Lecture, "Das Regionale in der Literatur nach 1945," Karlheinz Rossbacher, prof. of German, U. Salzburg. 320 Ridgley.

4 p.m. Department of Hematology Seminar, with Dr. Yale Nemerson, Mt. Sinai Medical Center, NY. 755 McDonnell Science Bldg., 4750 McKinley.

4 p.m. Department of Romance Languages Lecture, "Sign, Symbol and Metaphor in Chretien de Troyes," John L. Grigsby, WU prof. of romance langs. Hurst, Duncker.

9 p.m. Hillel Foundation Lecture and Discussion, "Liberal Judaism: How Free is Free?" Rabbi Jim Cohen, dir. of Creative Judaism Inst. Hillel, 6300 Forsyth.

SATURDAY, NOVEMBER 11

9 a.m. WU School of Dental Medicine Continuing Education Course, "Update on Pain," Dr. Samuel Seltzer, Temple U. School of Dentistry. 4559 Scott. To register, call 454-0387.

10 a.m. Department of Russian Lecture, "English Translations of *War and Peace*," Edgar H. Lehrman, WU prof. of Russian. Lambert Lounge, Mallinckrodt.

MONDAY, NOVEMBER 13

11 a.m. Department of Civil Engineering Seminar, "Material and Dimensional Properties of an Eleven-Story Reinforced Concrete Building," Ronald A. Gardiner, structural analyst, Consolidated Aluminum Corp. 100 Cupples II.

4 p.m. Department of Political Science Lecture, "Politics of Higher Education," Jack Peltason. See page 3.

5:30 p.m. Mallinckrodt Institute of Radiology Lecture, "Changing Approaches to Diagnosis of Cerebral Vascular Lesions," Dr. Juan Taveros, prof. of radiology, Harvard. Scappellino Aud. 510 S. Kingshighway.

TUESDAY, NOVEMBER 14

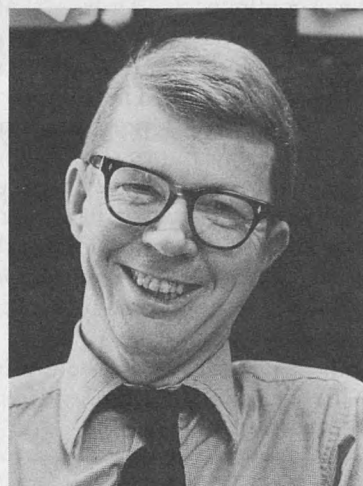
8:30 a.m. Center for the Study of Data Processing Three-Day Seminar, "Management Training for Data Processing." Bromwoods. Tuition \$335. To register, call 889-5330.

10 a.m. Campus Y International Bazaar, featuring food and merchandise from around the world. Bazaar hours are: 10 a.m.-

p.m., Tues., Nov. 14-Fri., Nov. 17; 10 a.m.-1 p.m., Sat., Nov. 18. Women's Bldg. Lounge. Cafe hours: 11 a.m.-1 p.m., weekdays; also 5-7 p.m., Sun., Nov. 12. Campus Y, Umrath basement.

4 p.m. Department of Anthropology Colloquium, "On Being a Native, a Woman and an Anthropologist," Amal Rassam, prof. of anthropology, CUNY. 301 Mudd.

8 p.m. Meet the Writers Series, with John Morris, WU prof. of English. Hurst Lounge, Duncker.



John Morris

8 p.m. Center for Archaeometry Seminar, "The Deterioration and Preservation of Stone Monuments," Erhard Winkler, prof. of geology, U. of Notre Dame. 241 Compton.

8 p.m. Undergraduate History Association Lecture, "Share-Croppers and Farmworkers in America Since the 1930's," H. L. Mitchell, co-founder, Southern Tenant Farmers Union. 101 Duncker.

8:30 p.m. School of Architecture Slide Lecture, "Hidden Inspiration," Hanford Yang, prof. of architecture, Pratt Institute. Steinberg Auditorium.

WEDNESDAY, NOVEMBER 15
11 a.m. Assembly Series Lecture, "Mythology in the Orient and the West," Joseph Campbell, author and scholar of world mythology. Graham Chapel.

12:45 p.m. WU Society of Professors Emeriti Luncheon-Lecture, "Bats and Sonar," James A. Simmons, WU assoc. prof. of psychology. Whittemore House. For further information, call 429-0800.

3 p.m. George Warren Brown School of Social Work Colloquium, "Community Work Practice in Hong Kong," Rosanna Chan, GWB doctoral student. Brown Hall Lounge.

4 p.m. Department of Physics Colloquium, "Mobility of Ions in

Liquid Helium" John E. Ketterson, prof. of physics, Northwestern U. 201 Crow.

4 p.m. WU Archaeological Society Lecture, "Recent Archaeology in Greece," George E. Mylonas, Rosa May Distinguished University Professor Emeritus in the Humanities, WU. Steinberg Aud.

8 p.m. Department of Computer Science Lecture, "Microelectronics and Computer Science," Ivan E. Sutherland, chairman, computer science department, Calif. Inst. of Tech. 100 Cupples II.

THURSDAY, NOVEMBER 16

2:15 p.m. Department of Mechanical Engineering Colloquium, "Use of Solar Energy as a Heat Source in the Brewery Industry," Harold J. Brandon, researcher, Technapeac Corp. 100 Cupples II.

4 p.m. Department of Earth and Planetary Sciences Seminar, "Isotopic Studies of Sub-Oceanic and Sub-Continental Mantle and Constraints on the Genesis Alkaline Magmas," Martim Menzie, prof. of geology, U. of Minnesota. 104 Wilson.

4:30 p.m. Department of Mathematics Colloquium, "Infinite Euler Products," Herve Jacquet, prof. of math., Columbia U. 199 Cupples I.

8:15 p.m. Asian Art Society Lecture, "The Spiritual Background of Oriental Art," Joseph Campbell. Steinberg.

Performing Arts

FRIDAY, NOVEMBER 10
8 p.m. Performing Arts Area Production, "One Flew Over the Cuckoo's Nest," by Dale Wasserman. Clyde Ruffin, WU asst. prof. of drama and black studies, will direct an all-student cast. Edison Theatre. Admission \$3; \$2 for the WU community and all students. Tickets available at Edison Theatre Box Office. (Also Sat., Nov. 11, 8 p.m., Edison; and Sun., Nov. 12, 2:30 p.m., Edison.)

Exhibitions

"America's Architectural Heritage." Givens Hall, main level. 8 a.m.-8 p.m. Mon.-Fri. Through Nov. 18.

"Evarts A. Graham, 1883-1957." WU School of Medicine Library Annex, 615 South Taylor, 8:30 a.m.-5 p.m., Mon.-Fri. Through Nov. 30.

"Sixteen Years of Collection Building: Notable Gifts and

Purchases, 1962-1978." Olin Library, level five. 8:30 a.m.-5 p.m., Mon.-Fri. Through Nov. 23.

"Washington University: Its Design and Architecture," lower level. **"Major Acquisitions: A Century of Collecting,"** upper level. WU Gallery of Art, Steinberg Hall. 9 a.m.-5 p.m., Mon.-Fri.; 1-5 p.m., Sat., Sun. Both through Nov. 12.

"ACCA Draws the Figure," an exhibit of drawings by members of the Area Coordinating Council for the Arts. **"Ceramics by Students in the WU School of Fine Arts."** Bixby Hall Gallery. 9 a.m.-5 p.m., Mon.-Fri. Nov. 13-20.

Music

FRIDAY, NOVEMBER 10

8 p.m. Department of Music Concert, "Music from the Age of Monteverdi," performed by the Early Music Ensemble of St. Louis. Brown Hall Lounge.

SUNDAY, NOVEMBER 12

7:30 p.m. University City Symphony Concert, William Schatzkamer, WU prof. of music, conductor. Graham Chapel.

Films

FRIDAY, NOVEMBER 10
7:30 and 9:45 p.m. WU Filmboard Series, "Julia." Brown. Admission \$1.50. (Also Sat., Nov. 11, same times, Brown; and Sun., Nov. 12, 8 p.m., Wohl.)

12 midnight. WU Filmboard Series, "Jimi Hendrix." Brown. Admission \$1. (Also Sat., Nov. 11, midnight, Brown.)

SATURDAY, NOVEMBER 11
8 p.m. Office of Student Activities American Cinema Series, "Anna Karenina" and "That Hamilton Woman." Rebstock Auditorium. Admission \$1.50.

MONDAY, NOVEMBER 13
7:30 p.m. WU Filmboard Series, "Patton." Brown Hall Theatre. Admission \$1.50. (Also Tues., Nov. 14, 7:30 p.m., Brown.)

WEDNESDAY, NOVEMBER 15
5:30 p.m. WU Crafts Guild Film Series, "An Evening of Fantasmagorical Delights." Wohl Center Lounge.

7:30 and 9:45 p.m. WU Filmboard Series, "Derau Uzala." Brown. Admission \$1.50. (Also Thurs., Nov. 16, same times, Brown.)

7:30 p.m. Department of Anthropology Film Series, "N/Un Tchai," "Holy Ghost People" and "Trance and Dance in Bali." Rebstock Auditorium.