



UNIVERSITY OF PENNSYLVANIA

Almanac

Volume 13, Number 1

October - November, 1966

Senate To Meet Again November 10; Research Committee Status Undecided

A proposal to establish a special faculty committee on project research is still just that—a proposal—as this issue of *The Almanac* is prepared for the press. The September 30 meeting of the University Senate was adjourned without coming to a vote on the proposal, which reaffirms the University's policy that research results must be freely publishable.

During the meeting, which packed the 383-seat auditorium and partially filled the stage of The Annenberg School of Communications, two amendments to the proposal were defeated. The amendments were introduced by Dr. Reavis Cox, professor of marketing, and Dr. Morris Rubinoff, professor of electrical engineering.

The major proposal by the Advisory Committee of the Senate would establish a project research committee to advise the president on problems in further

implementation of Pennsylvania's academic research policies. The policy on publishability was announced last November by the administration with the concurrence of the University Council and Senate.

If the Advisory Committee policy is adopted, referral to a new ad hoc committee will be made of all contracts for which clearance is required from outside the University, either for personnel to be employed under the contract or for publication of results. The committee will consider whether such contracts are compatible with University policy and will make appropriate recommendations.

At the beginning of the meeting Dr. Irving B. Kravis, professor and chairman of economics, and chairman of a special faculty subcommittee on project research appointed by the Advisory Committee, summarized the proposal to establish the research committee. Its provisions would bring all relevant contracts to the attention of the committee, which would report annually to the Senate. Subject matter of contracts will not be passed on by the proposed committee.

President Gaylord P. Harnwell and Provost David R. Goddard spoke briefly in support of the proposal.

Dr. Cox, speaking for himself and for Dr. William R. Kintner, professor of political science, introduced a substitute proposal calling for the right of every faculty member to investigate whatever he chooses, and to decide what, if any, restrictions on publication he may accept.

The Cox proposal was voted down, 290 to 130.

After additional discussion, Dr. Rubi-

noff proposed an amendment which stipulated "The University shall not abridge the right of its faculty members to seek information in their fields of inquiry. In particular, many of the faculty must have access to privileged information to keep abreast of and contribute to the advancement of knowledge. Any

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Dr. Lumiansky Is Named To Avalon Chair

Dr. Robert M. Lumiansky, currently professor and chairman of the English department, has been named Avalon Foundation Professor in the Humanities.

Dr. Lumiansky will continue as chairman of the English department.

The Avalon Foundation Chair was established in January, 1966, with a \$500,000 grant by the Avalon Foundation of New York.

Dr. Lumiansky came to Pennsylvania in 1965 from Duke University, where he had served as professor of English. In January, 1966, he received a Presidential appointment to the National Council on Humanities. The 26-member Council was created by Congress to advise the government on its new program to strengthen education and scholarship in humanistic fields through federal aid.

PARENTS DAY

Friday, November 4, has been designated Parents Day at the University. In keeping with the custom of recent years, parents of sophomore students have been invited as guests of the University for that day.

One of the experiences most enjoyed by visiting parents is that of attending morning classes of their sons and daughters. Should parents appear in any of your classes on the morning of November 4, it is hoped that you will permit them this privilege without departing from your usual mode of teaching.

FACULTY APPOINTMENTS

Price Honored

The appointments of Dr. Michael H. Jameson, professor of classical studies, as dean of the Graduate School of Arts and Sciences, and Dr. Roland Artigues as acting dean of the School of Social Work, highlight a long list of faculty appointments and changes made during the summer months.

Dr. Jameson succeeds Dr. Roy F. Nichols, professor of American history and vice-provost of the University, who retired June 30. Dr. Artigues succeeds Dr. Ruth E. Smalley, who retired June 30 after serving as dean since 1958.

Dr. Jameson was on academic leave last year as visiting professor of classical studies at the American School on Athens, Greece. He is a research associate in classical archaeology at the University Museum.

A former social worker, Dr. Artigues came to Pennsylvania in 1956 as professor and vice-dean of the School of Social Work. He received his doctorate in social work from the University in 1959.

Other faculty appointments announced recently include:

College of Arts and Sciences: Dr. David White, professor and chairman of the chemistry department; Dr. Jerry Donohue, professor of chemistry (on academic leave during the 1966-67 year); Dr. John L. Snell, Jr., professor of history; Dr. George R. Potter, visit-

ing Henry C. Lea professor of medieval history for 1966-67; Dr. Reiner Dreizler, Dr. Walter K. McFarlane, Dr. Robert L. Rasera and Dr. Leonard B. Auerbach, assistant professors of physics.

Also, Dr. Shinya Inoue, professor of biology; Dr. Gordon W. Ellis and Dr. Hidemi Sato, associate professors of biology; Dr. Herman Gluck, associate professor of mathematics; Dr. Benjamin S. P. Shen, associate professor of astronomy and astrophysics; Dr. Werner L. Gundersheimer, assistant professor of history; Dr. Guy T. Hollyday, assistant professor of German; Dr. Jerry L. Kazdan, assistant professor of mathematics; Dr. J. David Sapir, assistant professor of anthropology; and Dr. Charles S. J. White, assistant professor of religious thought.

Graduate School of Education: Dr. Erling E. Boe and Dr. Joseph M. Scandura, associate professors of education.

Graduate School of Fine Arts: Dr. Morton J. Schussheim, professor of city planning in the department of city and regional planning; Norman D. Day, associate professor of architecture and city planning; and Dr. David E. Boyce, assistant professor of city planning.

Moore School of Electrical Engineering: Dr. Harry E. Hardebeck, Dr. Michael Kaplit and Dr. Samuel A. Musa, assistant professors of electrical engineering.

School of Chemical Engineering: Dr. Harold Kwart, adjunct professor of chemical engineering through June, 1967.

Towne School of Civil and Mechanical Engineering: Dr. Iraj Zandi, associate professor of civil engineering; and Dr. Ira M. Cohen and Dr. Samuel Schweitzer, assistant professors of mechanical engineering.

Veterinary School: Dr. Barton L. Gledhill, assistant professor of clinical reproduction; Dr. Richard A. McFeeley, promoted to assistant professor of clinical reproduction.

Wharton School of Finance and Commerce: Dr. William Evan, professor of sociology and industry; Dr. Edward Friedman, assistant professor of sociology; Philip Pochoda, lecturer; Dr. Harry Scarr, assistant professor of sociology.

Dr. Charles C. Price has been appointed University Professor of Chemistry.

University professorships were established at Pennsylvania in 1961 to honor faculty members who are particularly distinguished in scholarship and whose contributions to knowledge have been made in more than one discipline.

Dr. Price, president of the American Chemical Society last year, is the seventh scholar at Pennsylvania so named.

He came to Pennsylvania in 1954 as Blanchard Professor of Chemistry and chairman of the department. He relinquished the department chairmanship



Dr. Price

in 1965. From October 1962 to February 1963 he served as Fullbright Lecturer at Kyoto and Osaka Universities in Japan.

Dr. Price received a bachelor of arts degree from Swarthmore College in 1934, and master's and Ph.D. degrees from Harvard University in 1935 and 1936.

He spent the next 10 years at the University of Illinois as research assistant, 1936-37; instructor, 1937-39; associate, 1939-41; assistant professor, 1941-42; and associate professor, 1942-46. In 1946 he went to the University of Notre Dame as professor of chemistry and head of the department.

The Almanac is published monthly during the academic year by the University for the information of its faculty and staff. The editors are assisted by an advisory committee representing the faculty, administration, and personnel of the University.

This issue prepared by
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University of Pennsylvania
Printing Office

GORDON HUBEL HEADS UNIVERSITY PRESS

Gordon Hubel, general manager of Princeton University Press since 1964, was appointed director of the University of Pennsylvania Press on August 1.

Mr. Hubel, a 1949 graduate of Upsala College, has been with the Princeton University Press staff since 1957. He was social science editor there in 1957-58, and became assistant to the director in 1959 and executive assistant in 1961.

In the development of the University Press here, Mr. Hubel will work closely with the University Council's University Press Committee, individual faculty members, and with Dr. Michael H. Jameson, dean of the Graduate School of Arts and Sciences. Dr. Marvin E. Wolfgang, professor of sociology, is chairman of the University Press Committee.

Computer Center Moves to Market Street; Will Get New IBM System Next Summer

The University's Computer Center will begin using a new generation of computers next summer with the installation of an IBM System/360 Model 67 computer complex, valued at \$5 million.

The Center, which moved during July to Building One of the University City Science Center, 3401 Market St., has ordered the new system to gain greater computing capability and more computing availability for its operations, according to Dr. John F. Lubin, director of computer activities at the University and associate professor of industry in the Wharton School.

The new system will permit decentralized use of the Center's computer capabilities through a time-sharing process. Remote terminals and satellite computers throughout the campus will allow students and faculty members to send programs simultaneously to the central computer without leaving their buildings or waiting in line for computer time. Computer users will operate the terminal's keyboards, similar to that of a typewriter, to "converse" with the computer as if each were the only user.

New Computer Uses

"Time-sharing" is an advanced computer development in which the individual user has access to the computer for only a fraction of a second of time, but because of the nanosecond (billionth of a second) speeds with which it shifts from problem to problem, each user has the impression that the computer is working exclusively on his problem.

The time-sharing concept not only permits instant response but leads to a completely new way of using computers to solve problems. The scientist or engineer can work continuously on a problem, or he can call on the powerful computer to make partial test runs. As a result, he can use the computer to help develop the problem itself in addition to using it to get a solution to a calculation.

The new Pennsylvania computer will have both multiprogramming and multiprocessing capability, as many separate programs can be kept in memory simultaneously and all processors can now work with any or all memory units and

other processors. The system is also "partitionable" so that a central processor, magnetic core storage, and associated input-output equipment can function independently of the rest of the system if such action is appropriate.

Another advantage of the new system is that it will give each user an automatic file system as well as a computing system. Users will keep programs and data inside the system, recalling and manipulating them at will and with ease.

Storage System

The time-sharing computer looks and behaves as though all its data and programs were in one very large storage area. A hierarchy of storage devices and media, including magnetic core, drums, disk files, magnetic strip files, and magnetic tape drives, is on line and under program control. Infrequently used programs or data will filter down automatically to the slowest access, least expensive storage while frequently-used items, such as compilers, assemblers, and active programs and data, reside on faster devices. If data or programs are in the system, anything addressed will be called into the central processing unit in less than one second.

The new computing system will permit widespread economies of scale for computer use throughout the Univer-

sity. With small consoles (and probably smaller "satellite" computers as well) located around the campus and connected to the large central time-sharing system, computer costs per unit of computation will be reduced markedly. Additional processors, memory boxes, and other equipment can be attached to the central system to expand computing capacity as demand for computer time mounts.

The Computer Center now has two large IBM 7040 computers, each with its own 1301 disk file, and two IBM 1401 computers. These will remain in use until the IBM System/360 Model 67 is delivered and operational. They will probably be converted to even more powerful 7044 computers before the Model 67 is delivered next year.

The new location in the University City Science Center provides needed space for the Computer Center operations and for its users. Although this location is probably only temporary, it provides more working space for the Center's staff, library and educational activities.

Computer work will continue to be accepted at the former quarters of the Center in the basement of David Rittenhouse Laboratory, 209 S. 33rd St. This location has been designated Annex R of the University's Computer Center.



Retiring Faculty Members

Fifteen University faculty members retired from their academic duties at the close of the 1965-66 year.

The 15 represent a total of almost 530 years of service to the University. They are:

– **Dr. W. Norman Brown**, professor of Sanskrit and chairman of the South Asia Regional Studies department.

– **Dr. Theodore Cianfrani**, associate professor of medicine.

– **Dr. Francis P. Clarke**, professor of philosophy and former chairman of that department.

– **Dr. David A. Cooper**, professor of medicine.

– **Dr. Cornell M. Dowlin**, associate professor of English.

– **Arthur H. Doyle**, associate professor of romance languages.

– **Dr. Clyde M. Kahler**, professor of insurance and former chairman of the insurance department of the Wharton School.

– **Dr. Stella Kramrisch**, professor of South Asia regional studies.

– **Dr. MacEdward Leach**, professor of English and chairman of the inter-departmental committee for folklore.

– **Dr. Roy F. Nichols**, professor of American history, vice-provost of the University and dean of the Graduate School of Arts and Sciences.

– **Dr. Jewell C. Phillips**, professor of political science.

– **Dr. Otto Rosenthal**, professor of biochemistry in surgery, School of Medicine.

– **Dr. M. G. Sevag**, associate professor of microbiology, School of Medicine.

– **Dr. Rosa Wessel**, professor of social casework and associate dean of the School of Social Work.

– **Dr. Conway Zirkle**, professor of botany.

NEW ARRANGEMENT FOR SCHOLARSHIPS

During the past two years the children of University faculty and administration personnel who are eligible to receive Faculty-Staff Scholarships have been accorded preferential consideration in admission to the University by filing an early decision application.

Under this plan, the applicant designates Pennsylvania as his first-choice college, files only the single application, and receives a decision early in December of his senior year. His credentials have been evaluated essentially on the basis of whether or not he is expected to achieve satisfactorily at the University.

A modification of this arrangement, which will become effective this year, has been introduced by the faculty committee on admissions, reports William G. Owen, dean of admissions. It is no longer necessary for the faculty-administration applicant to file on a first-choice early decision basis in order to receive preferential consideration. Hereafter he will be accorded this advantage either as an early decision or regular candidate.

Behind this change is the belief that attendance at another college may be in the best interest of the faculty-administration child and that he should be in a position to investigate other college possibilities without fear of losing the special consideration given because of his parent's association with the University.

Any eligible faculty-administration child who has in fact determined upon Pennsylvania as his first-choice college before November 1 of the senior year is encouraged to file an early decision application in order to receive a decision from the committee on admissions early in December. It should be noted also that the admissions office welcomes the opportunity to counsel with University-related children on any aspect of college admission. Whenever possible, priority will be given to their requests for an appointment.

CHANCE RECEIVES FRANKLIN MEDAL

The 1966 Franklin Medal, the Franklin Institute's highest award, has been presented to Dr. Britton M. Chance, Eldridge Reeves Johnson Professor of Biophysics and Physical Biochemistry at the Johnson Foundation of the School of Medicine.

Dr. Chance was cited by the Institute for "his many contributions to our understanding of the chain of enzyme reactions in the respiratory process of living cells and for the development of optical and electronic apparatus of unprecedented sensitivity for observation of the kinetics of biochemical reactions in living tissues."

Dr. Chance received the medal at the Institute's Annual Medal Day October 19. Eight other leading figures of science, technology and industry were honored.

The Franklin Medal, awarded in recognition of outstanding research in the physical sciences of technology, was first presented in 1915 to Thomas Edison.

Dr. Chance, 53, received his doctoral degree in physical chemistry from the University in 1940, and later received doctoral degrees in physiology and science from Cambridge University in England.

He was born in Wilkes-Barre, and both his father, Edwin M. Chance, and his uncle, Thomas M. Chance, have been recipients of the Franklin Institute's Edward Longstreth Medal for inventions.

SENATE (continued from page 1)

denial of faculty participation in this area is a denial of the right of academic freedom and would stultify academic effort." The amendment also held that a scholar has an obligation to disseminate the results of his work "in an appropriate and timely way, compatible with his responsibility as a member of society." A scholar, Dr. Rubinoff commented, has the right not to publish. His amendment was voted down, 160 to 117.

After more than two hours of discussion, the meeting was adjourned in order to allow the fullest possible participation in the discussion of this problem at a future meeting.

The chairman of the Senate has called another meeting for 1 p.m. Thursday, November 10, in the Annenberg School auditorium.

CHORAL SOCIETY

The University Choral Society is one of the few organizations at Pennsylvania open to all members of the University community, including students, faculty and staff.

Plans for this season include performances of Bach's *Magnificat* and Mozart's *Idomeneo*.

Melvin Strauss, associate professor of music and director of the Society, will answer questions concerning auditions and/or membership. He may be reached through the music department.

Annenberg Center Announced

The Annenberg School Center for Communication Arts and Sciences, which will combine performance facilities and research into the performing arts, was formally established on September 28.

Establishment of the Center has been made possible by a \$2,100,000 gift from The Annenberg School of Communications, founded by Walter H. Annenberg.

The Center will be under the administrative direction of The Annenberg School. The new structure will also house the department of music which, as a department within the College of Arts and Sciences, will remain autonomous in the conduct of its educational programs. Undergraduate performing arts facilities also will be housed in the Center.

Site clearance is scheduled for mid-1967; opening date is anticipated as Autumn 1969. The Center site will be bounded by Walnut Street on the north, 37th Street on the west, and Locust Walk to the south. The main entrance will open to The Annenberg School plaza on the east.

Dr. William W. Melnitz has been appointed director of the Division of Performing Arts, effective July 1, 1967. Dr. Melnitz is currently visiting professor of communications and theatre at The Annenberg School and dean of the College of Fine Arts at the University of California at Los Angeles.

When in operation, The Annenberg School Center will add to the existing Annenberg School media laboratories a major new facility for theatrical and musical arts. It will house a professional program in theatre as part of the master of arts in communications program, provide space and facilities for a research division in communications, and accommodate the major undergraduate dramatic and musical activities.

Joint programs of research, instruction and public performances will be collaborated upon by the music department and The Annenberg School.

All functions of the theatre—production, direction, acting, set design, etc.—will be encompassed within the theatre laboratory of the School, just as all facets of other media are taught in the other Annenberg School media workshops.

A main stage and theatre seating 1,000

persons will be available for major public performances. An undergraduate theatre and a graduate workshop theatre also will be in the structure. The main theatre will have a proscenium with a movable thrust apron, while the two studio theatres will be of flexible design without fixed stages.

Walter H. Annenberg, whose deep interest in communications has made possible these developments, is a trustee of the University and a member of the Class of 1931 of the Wharton School.

Fellowship Information

The August, 1966, bulletin of United States grants under the Fulbright-Hays Act lists approximately 175 openings for the 1967-68 year in Latin America, Europe, the Near East, South and East Asia and Africa for which applications are still being accepted. Most of the openings are lectureships, but postdoctoral research opportunities are also included.

The bulletin lists for the first time a group of lectureships in American history and literature and the teaching of English as a second language. The bulletin may be seen at the office of the faculty Fulbright advisor, James B. Yarnall, 226 S. 38th St.

Mr. Yarnall also has information on the North Atlantic Treaty Organization Fellowship Program for 1967-68. This program is open to established scholars who wish to undertake research abroad in historical, political, economic and social problems of direct interest to the Atlantic Community.

Busy Sociologists

Members of the sociology department had a busy summer. Dr. Otto Pollack, professor of sociology, and Dr. Vincent H. Whitney, chairman of the department, attended and read papers at the 6th International Sociological Congress at Evian, France. Dr. Whitney was also one of two invited Americans at the European Population Conference in Strasbourg, France.

ENGINEERING SEMINAR UNDERWAY AT TOWNE

A seminar on "The Application of Statistics to Structural Mechanics," headed by Dr. Haresh C. Shah, assistant professor of civil engineering, is being held every Tuesday evening in Alumni Hall, Towne Building, 220 S. 33rd St.

Sponsored by the Towne School of Civil and Mechanical Engineering, the seminar provides an opportunity for practicing engineers to keep abreast of developments in their field. Sessions will last through December 13. Further information may be obtained from Hugh O'Doherty at 594-7106.

Alice Emerson Is New Dean

Dr. Alice F. Emerson, a political science lecturer at Bryn Mawr College, has been named Acting Dean of Women.

Dr. Emerson succeeds Dean Constance P. Dent, who has been appointed professor of psychology at Kutztown State College.

Born in Durham, N. C., Dean Emerson was graduated from Radnor High School in suburban Philadelphia. She received a bachelor of arts degree in liberal arts from Vassar College in 1953 and a Ph.D. in political science from Bryn Mawr in 1964. She is married and has two children.

Dean Emerson took courses at the University's School of Education in 1955-56 in preparation for certification as a Pennsylvania secondary school teacher. This spring she taught a political science course at Pennsylvania.

HUMAN RESOURCES PROGRAM GIVEN A NEW STATUS

The University's two-year-old Human Resources Program, directed by Dr. Howard E. Mitchell, has become the "social arm" of the Environmental Studies Institute, part of the Graduate School of Fine Arts department of city and regional planning.

Dr. Mitchell, who was assistant professor of education, has been named the University's first professor of human resources.

\$37,729,000 IN GRANTS AND CONTRACTS

The University received contracts and grants totalling \$37,729,000 from the U. S. Government and other public and private sources for support of 892 research training, education and fellowship projects during the 1965-66 year.

Of that figure, \$20,355,000 in grants and contracts went to the University's Division of Medical Affairs for research in the life and health services.

The U. S. Public Health was the largest single source of contract support, awarding \$18,678,000 (49 per cent of the \$37,729,000 figure) to the University. An additional \$4,278,000, or 11.5 per cent of the total, was funded by the National Science Foundation.

According to Encel H. Dodge, director of the Office of Project Research and Grants, the 1965-66 figure represents a 15 per cent increase—\$5,203,000—over the amount — \$32,526,000 — received from similar sources during the 1964-65 year. The figure represents contracts signed during the 1965-66 year, rather than the amount spent during the same period. In some cases, the grants are for more than one year.

New Construction

The University also received three new construction grants totalling \$2,472,900 from Federal sources to provide partial funding approaching one-half the costs of construction or renovation of three buildings: a research and teaching building for the School of Dental Medicine; biochemistry renovations; and a research center in economics, regional science and sociology. Construction grants received the previous year totalled \$5,091,588 for 11 projects. Construction is in progress or will shortly begin on 12 projects at Pennsylvania.

Sources of support showed for the most part no significant changes in 1965-66 over 1964-65. U. S. Public Health Service grants and contracts increased considerably, however, and Department of Defense, National Science Foundation and several other Government sources showed the moderate increase observed for the past several years.

In addition to medical affairs, University divisions receiving large totals of grants and contracts included the College of Arts and Sciences—\$6,286,000; Engineering Affairs—\$2,633,000; and the Wharton School—\$1,393,000.

Defense Department contracts received during 1965-66 amounted to about 17.5 per cent of all contracts and grants received for support of research and training.

General research support grants to the Schools of Medicine, Veterinary Medicine and Dental Medicine, and NSF Institutional Grants were continued. These provide funds for research projects, personnel, travel, research equipment and other necessary expenses. Also included were the new Health Professions Educational Improvement Grants to the Schools of Medicine and Dental Medicine and the new Biomedical Sciences Support Grant. All of these increased the total for institutional grants to approximately \$1,075,000 for 1965-66 from approximately \$890,000 for 1964-65.

Sources of support for grants and con-

tracts received were:

- Public Health Service: 454 grants—\$18,678,000.
- National Science Foundation: 80 grants—\$4,278,000.
- Advanced Research Projects Agency: 1 grant—\$2,500,000.
- U. S. Atomic Energy Commission: 11 grants—\$2,293,000.
- U. S. Army: 29 grants—\$1,907,000.
- U. S. Air Force: 12 grants—\$1,133,000.
- U. S. Navy: 24 grants—\$956,000.
- NASA: 12 grants—\$807,000.
- Other government (includes U. S. government, Commonwealth of Pennsylvania, etc.): 65 grants—\$2,371,000.
- Foundations: 96 grants—\$1,744,000.
- Private industry: 108 grants—\$1,062,000.

Among other things...

AUTHORS:

Dr. William H. Marshall, professor of English, is the author of *The Major Victorian Poets: An Anthology*, published in May by Washington Square Press.

An earlier book by Dr. Marshall, *The Major English Romantic Poets: An Anthology*, has been reissued in a second edition by Washington Square Press.

Dr. Marshall also appears on a recording, *The Case for Poetry*, made available by the same firm. He, along with poet Norman Rosten and novelists Norman Mailer and William Saroyan, presents a selection of readings.

Dr. Tristram P. Coffin, professor of English, and **Dr. Hennig Cohen**, associate professor of English, are the editors of *Folklore in America*, an anthology published in August by Doubleday. The book is dedicated to Dr. MacEdward Leach, professor of English, who retired in June.

Dr. George F. Bass, assistant professor of classical archaeology, is the author of *Archaeology Under Water*, published in June by Praeger.

Dr. Robert J. Nelson, professor of romance languages, is the editor of

Corneille and Racine: Parallels and Contrasts, published in July by Prentice-Hall.

Dr. J. Henry Wilkinson, professor of clinical chemistry, Pepper Laboratory of Clinical Medicine, is the author of *Isoenzymes*, a monograph published in June by J. B. Lippincott Co.

Dr. Robert J. Osborn, assistant professor of political science, is the author of an article, "How the Russians Plan Their Cities," in the September-October issue of *Trans-action*, a magazine of the social sciences published by the Community Leadership Project at Washington University.

Sociology in Action, a collection of 34 essays edited by **Dr. Arthur B. Shostak**, assistant professor of sociology, has been published by Dorsey Press.

Dr. Alvin Z. Rubinstein, professor of political science and chairman of the graduate program in international relations, recently published a book on *Communist Political Systems*.

The U. S. Children's Bureau recently published a work by **Dr. Louise P. Shoemaker**, assistant professor of social group work, entitled *Parent and Family Life Education for Low-Income Families*.

AUTHORS (continued):

Dr. George M. Parks, assistant professor of industry and operations research, is the author of a book on *The Economics of Carpeting and Resilient Flooring*, the result of a five-man study of commercial flooring costs undertaken by the Wharton School's Industrial Research Unit.

Dr. Herbert J. Spiro, professor of political science, is the author of *World Politics: The Global System*, published August 21 by Dorsey Press. In his book, Dr. Spiro argues that revolutionary changes in the nature of modern warfare and in the pace of social change have transformed contemporary international relations into a system of world politics.

Dr. Ross A. Webber, assistant professor of industry, wrote the feature article "The Automobile Smashup" for the June issue of *America* magazine. He has three other articles appearing currently: "Advertising Responsibility" in the fall issue of *Catholic World*; "Managing Organization Stress" in the September issue of *Personnel*; and "Advertising and Product Responsibility" in the fall issue of *Business and Society*.

LAURELS:

Dr. Gerald Weales, associate professor of English, received the 1965-66 George Jean Nathan Award for Drama Criticism. The award, given for a series of reviews of current plays by Dr. Weales in *Drama Survey*, is presented annually by a committee composed of the chairman of the English departments at Cornell, Princeton and Yale Universities.

Dr. David K. Detweiler, professor of physiology and pharmacology, School of Veterinary Medicine, was awarded an honorary doctor of science degree at Ohio State University Commencement exercises in June.

Dr. Albert M. Kligman, professor of dermatology, University Hospital, won the Literature Award of the Society of Cosmetic Chemists at the group's national meeting in New York in May.

The Officer's Cross of the Order of Merit was bestowed upon **Dr. Maximilian Ehrenstein**, professor of biochemistry, School of Medicine, by the president of the Federal Republic of Germany. The award was given in recognition of the role Dr. Ehrenstein played in the exchange program of students between the University of Pennsylvania and the Free University of Berlin.

Dr. David M. Green, associate professor of psychology, was the recipient of the Biennial Award of the Acoustical Society of America at that organization's 71st meeting in Boston in June.

The award, stressing Dr. Green's "many contributions to the body of knowledge of psychological acoustics," is given every other year to society members not over 35 years of age.

Dr. Otakar Odlozilik, professor of history, was granted honorary membership in the Czechoslovak Society of Arts and Sciences in America at that group's biennial conference at Columbia University September 2-4. Dr. Odlozilik was praised by the Society as being one of the greatest contemporary Czechoslovak historians.

Dr. Thorsten Sellin, professor of sociology and co-director of the Center of Criminological Research, received the Merit Award for 1966 at the Annual meeting of the Eastern Sociological Association.

Dr. Richard L. Solomon, professor of psychology, was one of three members of the American Psychological Association to receive that organization's 1966 "Award for Distinguished Scientific Contributions."

Dr. Adrian M. McDonough, professor of industry, was presented the U. S. Army's highest civilian award, the Outstanding Civilian Service Medal, in a ceremony at the Faculty Club on September 19.

GRANTS:

Two faculty members of the University's Law School, **Louis B. Schwartz**, University Professor of Law, and **Stephen R. Goldstein**, assistant professor of law, are preparing police guidance handbooks on law enforcement under a \$43,404 grant from the Office of Law Enforcement Assistance of the U. S. Department of Justice. The handbooks, prepared in collaboration with the Philadelphia Police Department, will be distributed to the 5,000-man force as a permanent source of self-education and guide to action.

The National Science Foundation has awarded a \$123,000 grant to **Dr. Dorothy S. Thomas**, research professor of sociology, for a two-year study on the "correlates of migration and urbanization."

Dr. Robert M. Lumiansky, chairman of the English department, will direct a study on the alteration, conversion

and rehabilitation of Bennett Hall as part of a \$119,215 grant awarded the University by the Office of Education. Actual construction work is expected to begin in May, 1967, and continue through September of that year.

Dr. Russell L. Ackoff, chairman and professor of statistics and director of the Wharton School's Management Science Center, headed a study on the "escalation of hostility," supported by the U. S. Arms-Control and Disarmament Agency, preliminary results of which were published in the summer, 1966, issue of *The Wharton MBA*.

Dr. Irwin Friend, professor of economics and finance, is directing a two-and-a-half-year, \$400,000 study of the savings and loan industry and the supervisory functions of the Federal Home Loan Bank Board. The study was authorized by Congress.

Dr. Herbert R. Northrup, professor of industry, chairman of the Wharton School's Department of Industry and director of that department's Industrial Research Unit, is heading a \$180,000 study of racial employment policies of American employers, financed by The Ford Foundation.

APPOINTMENTS:

At the organizational meeting of the International Union of Pharmacology in Sao Paulo, Brazil, in July, **Dr. Carl F. Schmidt**, emeritus professor of pharmacology, School of Medicine, was elected honorary president.

At the same meeting, **Dr. George B. Koelle**, professor and chairman, department of pharmacology, was elected secretary-general; and **Dr. Domingo M. Aviado**, professor of pharmacology, completed his term as treasurer of the section of pharmacology of the International Union of Physiological Sciences, from which the IUPHAR has developed.

John W. Thomas, the University's radiation safety officer, has been appointed to the newly-formed International Radiation Protection Association. As one of about 18 United States appointees, he attended an organizational conference in Rome, Italy, in August. Mr. Thomas has also been elected secretary of the Health Physics Society, the American member of the IRPA.

Dr. D. Walter Cohen, professor of periodontics, School of Dental Medicine, has been elected president of the American Society of Periodontists at that group's annual meeting in Chicago. His

APPOINTMENTS

(continued from page 7)

book, *Introduction to Periodontia*, was recently translated into German and Italian.

Dr. Karl Rickels, associate professor of psychiatry, School of Medicine, has been invited to serve as a member of the Commission on Drug Safety of the American Psychiatric Association.

Dr. Thomas C. Cochran, professor of history, is now president of the Organization of American Historians.

Dr. Dorothy S. Thomas, research professor of sociology and research director of population studies, was elected a member of the Council of the American Philosophical Society.

Bernard Wolfman, professor of law, has been appointed general counsel of the American Association of University Professors.

TRAVELERS AND SPEAKERS:

Dr. John McM. Mennell, associate professor of physical medicine and rehabilitation, School of Medicine, was a guest faculty lecturer at the 14th annual meeting of the Canadian Association of Physical Medicine and Rehabilitation at Corbett University, Alberta, August 19.

Dr. Karl Rickels, associate professor of psychiatry in the School of Medicine, chaired a symposium on "Non-specific Factors in Drug Therapy" during the IV World Congress of Psychiatry in Madrid, Spain, September 5-9.

Participating in an October 15 program on "Space forms in Steel," sponsored by the American Institute of Steel Construction in Chicago, was **Dr. Sid-**

ney Shore, professor and chairman of the graduate division of civil engineering, Towne School.

On sabbatical leave in Great Britain this year is **Dr. William T. Kelley**, associate professor of marketing in the Wharton School, and associate professor of communications in the Annenberg School. Dr. Kelley has been appointed visiting professor in the department of marketing of the recently-established (1964) University of Lancaster in northwest England.

Three Wharton School faculty members participated in a program on the "Management of Capital Resources" at University College, Dublin, Ireland, in June. They were **David Solomons**, professor of accounting; **Dr. James E. Walter**, professor of finance and chairman of the graduate group in business and applied economics; and **Dr. Douglas Vickers**, associate professor of finance.

Dr. Mieczyslaw Giergielewicz, professor of Slavic literature, spoke at the annual meeting of the Canadian Association of Slavists, Sherbrooke, Quebec, in June.

Dr. Victor K. Schultz, associate in the Moore School of Electrical Engineering, spent several days lecturing at the Technical University, Braunschweig, West Germany, on "The Output Measurement of Lasers" during July.

Two University faculty members will participate in the 56th annual convention of the National Council of Teachers of English, to be held in Houston, Texas, on November 24-26. **Dr. Roland M. Frye**, professor of English, will speak

Among other things...

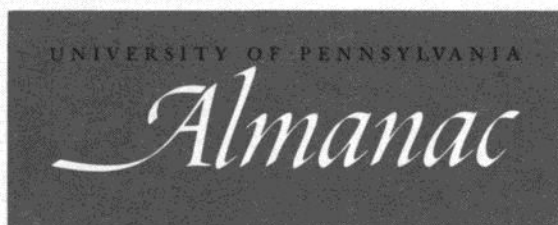
on "Teaching Elizabethan Drama;" and **Dr. Helen Huus**, associate professor of education, will co-chair a program sponsored by the National Council on Research in English.

Dr. Alvin Z. Rubinstein, recently promoted to professor of political science and named chairman of the graduate program in international relations, spent the 1965-66 year in Yugoslavia and Eastern Europe on a fellowship from the Guggenheim Foundation. He lectured on Soviet foreign policy and international relations in Belgrade, Zagreb, Ljubljana, Vienna and Geneva.

Dr. Leonard Nanis, associate professor of chemical engineering and assistant director of the Institute for Direct Energy Conversion, presented a paper on "Tolerance Specification by Multiple Alignment Statistics" at the 1966 Western Electronics convention in Los Angeles in August.

Dr. Surinder Mehta, assistant professor of sociology, returned from Poona, India, where he spent 15 months as research scholar of the American Institute of Indian Studies working on aspects of urbanization in India.

Mrs. Malvena Taiz, assistant professor of physical education and director of the Pennsylvania Dance Group, will be moderator of a panel discussion on "Current Methods of Notating and Recording the Dance" at the Philadelphia Art Alliance November 9.



Volume 13

Number 1

October - November, 1966

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