



Wilfred Gillen Is Dead; Chairman of Trustees

Wilfred D. Gillen, chairman of the Trustees of the University since 1961, died May 1 at the age of 67.

Following his death the Trustees of the University at their May 3 meeting passed a resolution which reads in part:

Courteous, firm, friendly, incisive in judgment, wise in guiding discussion in even the most complicated matters, Wilfred Gillen by his leadership in University affairs earned the deep gratitude of all those within the circle of the University of Pennsylvania faculty, student body, alumni and friends. From his graduation in the distinguished Class of 1923 to his death two days ago forty-five years later, the University was always close to his heart. Elected a Term Trustee in 1952 and Life Trustee in 1959, he was awarded by the University the Honorary Degree of Doctor of Laws in 1965, in appreciation of his invaluable service to the University as well as his outstanding contributions to the welfare of city and nation in business and civic affairs.

Rising from the position of Clerk in the Bell Telephone Company of Pennsylvania in 1923 to its Presidency in 1949 (from which position he retired in 1965), Wilfred Gillen has been outstanding in the business community. His contributions to the public welfare have won for him LL.D. degrees also from Temple University and Pennsylvania Military College, as well as honors and positions of responsibility in many other educational, financial, business and civic organizations.

The very recent successful completion of the Academic portion of our great Fund Campaign owes much to Wilfred Gillen's continued labors for that goal.

To you, "Wil" Gillen, whose so recent loss we can hardly comprehend, and whose spirit we feel is still amongst us, this group of your fellow-workers for the welfare of the University expresses by this resolution our warmest affection and devotion. Your leadership has been a bright star in the history of our University.

William L. Day, chairman of the First Pennsylvania Banking and Trust Company, was elected to succeed Mr. Gillen as Chairman of the Trustees.

Medical School's Traditional Curriculum Replaced by Individualized Program

The University of Pennsylvania School of Medicine, the nation's oldest medical school, will soon abandon its traditional medical curriculum in favor of a highly individualized program of medical education designed to meet the special needs and interests of each student enrolled.

The announcement was made by Dean Samuel Gurin during a Trustees' luncheon meeting on the 203rd anniversary of the medical school's founding. On May 3, 1765, the University Trustees appointed Dr. John Morgan as the first medical professor in this country, thereby establishing the first medical school.

Dean Gurin said the new curriculum "makes it possible for each student to set his own personal goal in medicine and tailor his course of study to achieve that goal."

Medical students permitted to concentrate on areas that interest them will be able to take more advanced courses in clinical or non-clinical subjects and obtain the scholarly background for future specialization, the dean pointed out.

"We have 500 students in the medical school, which means there could be 500 different curricula," he stated. "In effect, we are transforming the traditional type of medical training into an intellectual experience in the atmosphere of a graduate professional school."

The new curriculum plan was developed over the past two years by a faculty committee headed by Dr. John R. Brobeck, chairman and professor of physiology.

Dr. Brobeck said that student interest in the curriculum changes has been keen, as evidenced by committee consultations with representative student groups during the final stages of curriculum formulation.

In anticipation of the curriculum

changes, an organized and extensive counseling system has been developed and began functioning in September 1967. Now each student has a regular faculty person to turn to for advice.

"The function of faculty advisors is essential to the success of the new curriculum," Dr. Brobeck said. "Each student will need continuing individual help to determine what subjects he should study to prepare for the medical career of his choice." He noted that students also can receive advice on personal matters and that it is anticipated that the advisor program will help develop more meaningful relationships and friendships among faculty and students.

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New Program Outlined

by Gordon N. French, M.D.

Associate Dean, Medical School

The School of Medicine will begin an exciting and challenging new curriculum in the fall of 1968. All four classes will participate in changes developed by a faculty committee over a period of years. Some of the principles of the plan are shared with the forty or more other United States medical schools which are revising their teaching programs; these include shorter basic courses, increased elective time, broader choice of electives, advanced credit for college work, early experience in the clinical areas, and a major faculty advisory system. Beyond these, however, the new Pennsylvania curriculum is intended to make the greatest practical use of the presence of the School of Medicine within a physically compact university of greatly diverse fields of scholarship.

For fifty years nearly all medical schools have had a common, unchanging curriculum pattern: two basic-science years and two clinical years with a possibility of a month or two of clinical electives in the last year, chosen from a limited list. Presently the four years of school represent approximately half

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Faculty Promotions Effective July 1

Faculty promotions approved by the Trustees have been announced by the Provost's Office. The promotions become effective July 1, 1968.

Listed below are those promotions which had been approved by April 2 of this year. Faculty promotions approved after that date will appear in the next issue of *Almanac*.

College of Arts and Sciences: Dr. Benjamin S. P. Shen to professor of astronomy; Dr. Neville R. Kallenbach and Dr. Yoshitaka Suyama to associate professors of biology; Dr. Madeleine M. Jouille to associate professor of chemistry; Dr. Robert D. Bamberg, Jerre Mangione and Dr. James Rosier to professors of English; Dr. Robert F. Lucid to associate professor of English and Dr. Maureen Sullivan, Dr. Donald Ross, Dr. Ruth Widmann and John Wideman to assistant professors of English.

Dr. Charles E. Rosenberg and Dr. Richard S. Dunn to professors of history; Dr. Werner L. Gundersheimer to associate professor of history; Dr. Peter Freyd to professor of mathematics and Dr. John C. Fogarty to assistant professor of mathematics; Dr. Norman E. Smith to associate professor of music; Dr. James F. Ross and Dr. Charles H. Kahn to professors of philosophy; Dr. Yu-li Pan to assistant professor of physics; Dr. Robert A. Kraft to associate professor of religious thought; Dr. Ciriaco M. Arroyo to professor of romance languages and Gerald J. Prince and Dr. Nathaniel Wing to assistant professors of romance languages; and Dr. Maria Z. Brooks to associate professor of Slavics.

Graduate School of Arts and Sciences: Dr. George F. Bass to associate professor of classical archaeology.

Graduate School of Fine Arts: Dr. Harlan Coornvelt to associate professor of architecture (effective from January 1, 1968).

Schools of Engineering: Dr. John Hale to professor of electrical engineering (effective from July, 1967; this is a secondary appointment) and Dr. Joseph Bordogna to associate professor of electrical engineering; Dr. Steven C. Batterman to associate professor of engineering mechanics and Dr. Charles J. McMahon to associate professor of metallurgy and materials science.

School of Dental Medicine: Dr.

Daniel Isaacson to assistant professor in occlusion; Dr. David E. Horner to assistant professor of operative dentistry; Dr. Malcolm A. Lynch to assistant professor of oral medicine; Dr. Jerome H. Sklaroff to assistant professor of orthodontics; Dr. Morris Bradin to associate professor of periodontics; Dr. Sheldon R. Baldinger, Dr. Bernard M. Kaplowitz and Dr. Seymour Pollock to assistant professors of periodontics; and Dr. Byron E. Kern to associate professor of prosthetic dentistry.

School of Medicine: Dr. Edward K. Pye to assistant professor of biochemistry; Dr. Polly Feigl to assistant professor of biophysics and assistant professor of medical statistics; Dr. Sylvan E. Stool to assistant professor of clinical pediatrics and assistant professor of otolaryngology and Dr. Lillian P. Kravis and Dr. David W. Wood to assistant professor of clinical pediatrics; Dr. Charles H. Palm to assistant professor of clinical psychiatry; Dr. David M. Reed to assistant professor of family study in psychiatry; Dr. Normal R. Klinman to assistant professor of microbiology; Dr. Donna McCurdy and Dr. Meyer Naide to assistant professors of medicine.

Dr. Henry A. Sloviter to research professor of neurosurgery; Dr. Richard Stambaugh to assistant professor of obstetrics and gynecology; Dr. Irvin Stein to associate professor of orthopaedic surgery; Dr. Andrew P. Somlyo to associate professor of pathology and Dr. William L. Elkins and Dr. David Steinmuller to assistant professors of pathology; Dr. Michael E. Miller and Dr. Grant Morrow, III, to assistant professors of pediatrics; Dr. Arnost Fronck to associate professor of physiology and Dr. Grace Mae Fischer to assistant professor of physiology; Dr. Herndon B. Lehr to associate professor of plastic surgery; Dr. Brian H. Mayall to assistant professor of radiological sciences; Dr. Benjamin G. Brackett to assistant professor of research obstetrics and gynecology and to assistant professor of physiology; and Dr. William M. Parkins to professor of surgical research.

School of Veterinary Medicine: Dr. William Medway to professor of clinical laboratory medicine; Dr. Robert M. Schwartzman to professor of dermatology; Dr. Donald F. Patterson to professor of medicine and Dr. Karolus F.

Hobstetter, Gross Appointed Deans

The appointment of Dr. John N. Hobstetter as dean of the graduate school of arts and sciences and of Dr. Neal Gross of Harvard University as dean of the graduate school of education was announced last month by President Harnwell. The appointments are effective July 1, 1968.

Dr. Hobstetter, the former director of the Laboratory for Research on the Structure of Matter, will retain his present posts as vice provost for research and professor of metallurgy. He succeeds Dr. Michael H. Jameson who will continue as professor of classical studies and research associate in classical archaeology at the University.

Dr. Gross, 47-year-old author of "Who Runs Our Schools?" and other books on the nation's school system, has been professor of education and sociology at Harvard, two positions he will hold also at Pennsylvania.

Dr. Gross succeeds an acting dean, Dr. William B. Castetter, associate director of the Education Research and Service Bureau at the Graduate School of Education.

Dr. Hobstetter joined the University faculty in 1958 as associate professor of metallurgy and was promoted to full professor in 1959. The following year he was appointed director of LRSM and in June, 1967, he was named vice provost for research.

Dr. Gross joined Harvard in 1951. Director of Harvard's School Executive Studies from 1952 to 1957, he has since directed the National Principalship Study and has served as a research associate of both the Center for International Affairs and the Center for Education and Development at Harvard.

Bonn to assistant professor of medicine; and Dr. Benjamin Wolf to associate professor of microbiology.

Wharton School of Finance and Commerce: Dr. Michael K. Evans, Dr. Jere R. Behrman, Dr. Edwin Burmeister and Dr. Robert A. Pollack to associate professors of economics; Dr. John F. Lubin to professor of industry; Dr. J. Robert Ferrari to associate professor of insurance; Dr. Ronald E. Frank to professor of marketing; Dr. Oliver P. Williams to professor of political science; and Dr. David E. Lavin to associate professor of sociology.

Leaves Granted to Over 50 Faculty Members Next Year

Over fifty faculty members have been granted leaves for next year according to the Provost's Office. This number includes only those leaves approved by April 2 of this year; those granted after that date will appear in the next issue of *Almanac*.

A list of faculty members granted leave and what they will be doing follows:

College of Arts and Sciences:

Dr. Ciriaco M. Arroyo, associate professor of Romance languages, will be on leave during Fall term to undertake a research project which will lead to the publication of a book tentatively entitled *El pensamiento de Unamuno*;

Dr. Frank P. Bowman, professor of romance languages will spend the year in France completing research and writing a book on the figure of Jesus in French political, religious and literary writings between 1789 and 1848;

Dr. Herbert B. Callen, professor of physics, will spend spring term at Hebrew University in Jerusalem continuing his research for a book on the philosophical foundations of thermodynamics;

Dr. Leonard S. Charlap, associate professor of mathematics, will spend next year at the Mathematics Institute in Oxford;

Dr. Adolph C. Gorr, assistant professor of German, spring term will continue his research on the field of Neo-classicism, especially in drama;

Dr. Alan J. Heegar, professor of physics, will spend next year doing research in low temperature solid state physics at the University of Geneva in Switzerland;

Dr. Dell H. Hymes, professor of anthropology, will spend next year as a Fellow at Cambridge University in England studying speech and language from an anthropological standpoint;

Dr. Madeleine M. Jouille, assistant professor of chemistry, in the fall term will study new methods and techniques in organic chemistry in the chemistry department of Columbia University;

Dr. Charles H. Kahn, associate professor of philosophy, next year will carry on research in his specialty.

Dr. Egbert Krispyn, associate professor of German, will spend fall term studying the evolution of the dramatic genre in 20th century literature;

Dr. R. Duncan Luce, professor of psychology, will spend next year as a visiting

professor in the department of psychology at the Pontificia Universidade Católica do Rio de Janeiro supported by a grant from the Pan American Union;

Dr. Robert M. Lumiansky, professor of English, will spend the year preparing a new edition of the Chester Mystery plays at the University of Liverpool.

Dr. Carlos Lynes, Jr., professor of romance languages, during the spring term will work at the Bibliothèque Nationale and in the Doucet Collection at the Bibliothèque Sainte Geneviève on a study of Surrealist poetry;

Jerre Mangione, associate professor of English, will spend next year gathering material for an informal history of the WPA Federal Writers Project. He has received a grant from the Rockefeller foundation in support;

Dr. Jacob Nachmias, professor of psychology, will spend next year doing research in the Physiology Department at Cambridge University in England;

Dr. Lajos Pukanszky, professor of mathematics, will be visiting professor of mathematics at Massachusetts Institute of Technology next year;

Dr. Arnold G. Reichenberger, professor of romance languages, will spend next year investigating the classical tradition of the Spanish Golden age, concentrating on both lyric and epic poetry and on the theatre;

Dr. Relman to Head Dept. of Medicine

Arnold S. Relman, M.D., has been appointed chairman of the department of medicine and the Frank Wister Thomas Professor of Medicine effective September 1.

Dr. Relman, 44, comes to Pennsylvania from Boston University School of Medicine where he has been Conrad Wesselhoft Professor of Medicine, vice chairman of the department of medicine, and director of the Boston University Medical Service at Boston City Hospital.

A native of New York City, he received his A.B. from Cornell University and his M.D. at Columbia University College of Physicians and Surgeons.

The author of numerous scientific articles, Dr. Relman is internationally known for his work on the mechanisms that regulate acidity in the body fluids.

Dr. Paul Rozin, associate professor of psychology, will spend next spring term writing a book;

Dr. Douglas J. Scalapino, associate professor of physics, will spend next year as a visiting professor in physics at the University of California at Santa Barbara;

Dr. William H. Telfer, professor of biology, has been awarded a Senior Postdoctoral Fellow from the National Science Foundation to spend time at the departments of medicine and biology at the University of Miami in a program of full-time research in collaboration with two other men;

Dr. Harvey D. Winston, associate professor of psychology, will spend spring term developing three theoretical papers in his field of research;

Dr. Don Yoder, associate professor of religious thought, will spend next spring term abroad in order to complete plans for the first two years of a publication of a new journal, *American Folklife*, of which he has been named editor. This periodical will deal with American folk-culture and its European roots;

Dr. Michael W. Zuckerman, assistant professor of history, has received a grant from the Social Science Research Council to spend fall term studying children's literature in late 19th century America.

Graduate School of Arts and Sciences:

Dr. Barry Eichler, instructor in oriental studies, will spend next year doing postdoctoral work in old Babylonian law at Yale University;

Dr. Shelomo D. Goitein, professor of Arabic, in the fall term will do further work on his book, *Mediterranean People, Letters and Documents from Cairo Geniza Translated with Introductions and Notes*, which is a companion volume to his three-volume book, *A Mediterranean Society*.

Dr. Neil Leonard, associate professor of American civilization will work in the fall term on a book on literature in the other arts.

Graduate School of Education:

Dr. William W. Brickman, professor of education, will do research spring term on the history of international higher education and comparative teacher education, working both in the

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Research, Writing, Teaching Will Occupy Most Faculty Members . . .

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United States and Europe on various cross-cultural influences involving higher institutions and learned individuals in the seventeenth century.

School of Dental Medicine:

Dr. Gordon E. Levenson, associate in the department of histology and embryology, will continue to be on leave until August. He is doing research at Strangeways Laboratory in Cambridge, England under a postdoctoral fellowship from the National Institutes of Health;

Dr. Irwin I. Ship, professor of oral medicine, is now studying and teaching at the Hadasseh School of Dental Medicine, Hebrew University, in Jerusalem and will be there through the fall term.

Schools of Engineering:

Dr. Zvi Hashin, professor of applied mechanics in the Towne School, will spend the year in the materials mechanics laboratory at the Technion-Israel Institute of Technology in Haifa, writing a book and doing research;

Dr. Charles J. McMahon, Jr., assistant professor of metallurgy and materials science, has accepted a Ford Foundation Residency in Engineering Practice next year at General Electric Company.

Dr. Herman P. Schwan, professor of electrical engineering, will spend next year in research and study at the Max Planck Institut für Physical Chemistry and the Max Planck Institut für Biophysik, and at The Hebrew University in Jerusalem.

School of Medicine:

Dr. Denis M. Abelson, associate professor of medicine, has been on leave this last semester undertaking research on Doppler-Cardiography at the University of London;

Dr. Samuel Gurin, professor of biochemistry, will spend next year doing research in marine biology and plans to familiarize himself with new areas of biochemistry;

Dr. Sol H. Goodgal, professor of microbiology, has accepted an invitation next year from the Institut de Biologie Physico-Chimique of Paris whose laboratory offers an excellent opportunity to apply advanced biochemical and physical chemical methodology to the solution of modern biological problems;

Dr. Chan Nao-Lui, professor of anat-

omy, has been on leave this term working at the National Defense Medical College in Taiwan to extend his experience in a neuropharmacological study of function in the pain pathways and to assist in a training program in neural sciences for young postdoctoral students;

Dr. Warner F. Sheldon, professor of pathology, will work at Luthern Hospital in Eau Claire, Wisconsin, next year to learn something of the practical aspects of pathology as it operates in community medicine.

School of Veterinary Medicine:

Dr. Jacques Jenny, professor of orthopedic surgery, is on leave until October visiting clinics in Europe in search of additional information concerning the treatment of longbone fractures in large animals.

Wharton School of Finance and Commerce:

Dr. Bernald F. Cataldo, professor of business law, will travel next spring and prepare new course material.

Dr. Francine R. Frankel, assistant professor of political science, will continue as a research associate at the Center for International Studies at Princeton next year to complete her book *Ideology, Politics and Economic Development Planning in India*. She also intends to do preliminary work on a more general study of development strategies of new nations;

Dr. Morton Gorden, associate professor of political science, will be Field Director next year of an International Hon-

ors program which brings 20 honors Juniors from around the country to study in selected major cities of the world. Dr. Gorden will visit Tokyo, New Delhi, Cairo, Jerusalem, Belgrade and Stockholm to teach and do research in the comparative politics of modernization;

Dr. Edward S. Herman, associate professor of finance, will spend the year in extensive investigation of U. S. external investment, its growth in the 20th century, its geographic and industrial pattern and the economic basis of its expansion;

Dr. Walter Isard, professor of regional science, will spend next year visiting Harvard, Yale, MIT, Princeton and other schools to become familiar with the new theoretical ideas in the social sciences;

Dr. Philip Jacob, professor of political science, will spend the spring term participating in a conference of scholars-in-residence who have been concerned with the empirical exploration of political decision-making on a cross-national and interdisciplinary basis;

Dr. Adolph Matz, professor of accounting, will spend spring term teaching at Waseda University in Tokyo, Japan.

Dr. Herbert R. Northrup, professor of industry, will spend next year concentrating efforts on research to ensure the success of the Ford Foundation sponsored study, "The Racial Practices of American Industry."

Dr. Henry Teune, associate professor of political science, will engage in research at the Center for International Studies at Cornell University from January 1, 1969 to December.

Dr. Karl Von Vorys, associate professor of political science, has been on leave this spring continuing research on political development and serving as an advisor to the Malaysian government under Ford Foundation sponsorship;

Dr. Charles M. Weber, associate professor of business law, will spend fall term preparing for his course, *The Law of Free Enterprise*, and completing a book by the same title;

Dr. J. K. Zawodny, professor of political science, will spend next year as Senior Associate Member of St. Anthony's College in Oxford University where he will complete his three-year study of urban insurgency, focusing on the Warsaw uprising.

Lectureships Available To American Faculty

Approximately sixty lectureships are still available to American faculty members for 1968-69 at institutions of higher learning in Europe, Asia, Africa, the Middle East, and Latin America, according to James B. Yarnall, Faculty Fulbright Adviser.

Grants are also available for university lecturing and advanced research for 1969-70 in Argentina, Australia, Colombia and New Zealand. Applications are now being accepted from American scholars; June 1 is the closing date.

For more information contact the Office of Fellowship Information and Study Programs Abroad, 226 South 38th Street, Phila., Pa.

Medical School Curriculum . . .

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Nearly 200 elective courses, both pre-clinical and clinical, will be offered by the medical school, and hundreds more will be available in other University departments.

Thus, the School of Medicine will be in a position to educate physicians for the variety of medical specialties. These include:

—The medical science researcher. The combined M.D.-Ph.D. program will be reorganized and enlarged in cooperation with the University's Graduate School of Arts and Sciences, to give better continuity to the education of medical scientists.

—The medical educator.

—The specialist in administrative medicine who will help improve medical care in public health programs, or who will be in military medicine.

—The family practitioner and the clinical specialist who will practice with a group of other specialists to improve the quality and continuity of patient care in the community.

Requirements for graduation are 32 course units, with four units per term comprising a full schedule. Required subjects include eight course units in pre-clinical studies and eight units in clinical subjects, plus one unit in surgery or a surgical specialty. Up to three units may be earned during each of three summer sessions.

Students will be allowed as much flexibility as is feasible in the selection and order of courses, Dr. Brobeck said. Some students may be given advanced standing or may be excused from certain courses on the basis of work already completed.

He noted, however, each student will be required to take at least four course units of elective work in courses approved for credit by a pre-clinical department and another four units approved by a clinical department. By this time, the student may have made his career decision and can obtain additional fundamental preparation. For instance, a student interested in surgery could take advanced work in anatomy and pathology in preparation for his residency.

In addition to the fundamental curriculum changes, several new courses will be offered in the medical school. Among them are biomathematics, computers in medicine, statistics and introduction to reproduction.

Associate Medical Dean Explains New Program . . .

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the formal medical training of physicians who enter school from a variety of backgrounds and who will enter a very wide variety of careers. It is appropriate for these schools to adapt their plan to the prior training, special interests, and skills of their students and to their particular long-range goals.

The 90 odd medical schools in the country and their immediate communities vary greatly in character and resources. Some, for example, have unusual opportunities to develop teaching in Family and Community Medicine. Others are too distant from their parent universities to participate in their facilities. Pennsylvania, however, has an almost unique opportunity to encourage its students to find relevance to medicine in the whole range of scholarship in a university.

The School of Medicine's new curriculum provides two full academic years of elective opportunity: the equivalent of one semester must be in clinical electives, and the equivalent of another semester must be in basic science electives or research. Courses may be taken outside the School of Medicine in the other facilities of the University whenever students have the time and are accepted for this purpose by the school involved. Courses may be taken for credit toward the M.D. degree if, in the opinion of the student's advisor and the dean's office, they are relevant to medicine within the context of the individual's career goals. For example, engineering

courses can be indispensable for the student interested in developing the technology of intensive care or of hemodialysis. The student with special interests in the problems of distribution of Health Services may desire courses in Sociology, or the Law School, forming a heretofore unavailable scholarly background for a new career in medicine.

First-year students will have an opportunity a half a day each week to observe in small groups a wide range of clinical circumstances where the physician and the patient meet: the operating room, the delivery room, the medical ward, a Naval Hospital, the marriage counseling clinic, a prison. A pilot study this past year suggests that this experience helps the student recognize the relevance of basic science courses to his clinical aims, and allows him a look at the potential breadth of medicine's favorable influence—often lost in the past by the third or fourth year.

Definitive clinical courses will be available in the second year, in contrast to the traditional third year arrangement, and the student may subsequently return to basic science electives in his third and fourth years with a new perspective.

The new curriculum places exceptional responsibilities on the Admissions Committee, and has, in addition, led to the establishment of a 50 member Faculty Advisory Group. Each student normally will meet his advisor early in his first year; this relationship will be expected to continue through medical school and form the basis for fourth year counseling regarding internships, residencies, and fellowships.

Many of these changes should lead to greatly increased functional relationships between the School of Medicine and the other schools and divisions of the University.

Robinson Named New Dean of Men

Gerald L. Robinson last month was appointed Dean of Men at the University. He had been Acting Dean of Men since August 1967.

Robinson previously served the University as a member of the Admissions Office staff from 1957 to 1960, as Vice-Dean of Admissions from 1960 to 1966, and as Director of Residence from 1966 until his appointment as Acting Dean of Men.

Dr. Ferguson Dead; Surgeon and Teacher

Dr. L. Kraer Ferguson, a well-known surgeon and teacher of surgery, died April 7 at the Hospital of the University of Pennsylvania. He was 70.

Dr. Ferguson was emeritus professor and former chairman of surgery of the School of Medicine, Division of Graduate Medicine, and was retired chief of surgery at Graduate Hospital.

Changes Recommended In Academic Regulations

The University Committee on Academic Regulations has released an interim report in which it recommends changes in the University's grading system, bachelor degree requirements and semester course load requirements.

The report has been sent to all members of the College faculty, the administrative officers of other faculties of the University and the officers of the Student Committee on Undergraduate Education.

Faculty members wishing to make suggestions, criticisms or proposals for the consideration of the Committee should submit them to its chairman, Dr. Roger Walmsley, professor of physics and Vice Dean of the College, 116 College Hall.

Among other things...

APPOINTMENTS:

The American Heart Association recently named **Dr. Luther Terry**, vice president for medical affairs, to a committee of fifteen to study the moral and legal implications of heart transplants and similar experiments on humans.

Dr. Stuart W. Churchill, Carl V. S. Patterson Professor of chemical engineering, has been appointed to the Executive Committee of Engineers Council for Professional Development representing the American Institute of Engineers. He has also been reappointed to a three year term as a member of the Committee of the National Academy of Sciences, National Research Council, Advisory to the Army Research Office. In addition, a paper by Dr. Churchill, entitled "Ingenieurbildung in den USA" and based on his 1966 Presidential address before the American Institute of Chemical Engineers, has been published in the *Vereins Deutscher Ingenieure Nachrichten*. Dr. Churchill also gave two seminar talks recently at Princeton University and City University of New York.

Dr. Derk Bodde, professor of Chinese Studies, has been elected President of the American Oriental Society for 1968-69, succeeding outgoing President **Dr. Samuel Noah Kramer**, professor of Assyriology. At the same time, **Dr. S. D. Goitein**, professor of Arabic, has been elected Vice President of the Society and will automatically become president next year. Dr. Bodde has also been elected a Director of the Association for Asian Studies for a three year term and has been appointed to a committee created by the University of Chicago to evaluate its program of Far Eastern Languages and Civilizations.

AUTHORS:

Robert Lewis Shayon, professor of communications, has written an LP album entitled "Invention of the Presidency," which recreates the constitutional debates of 1787. The record was produced for American Heritage in connection with their series on the American Presidency. He also wrote and produced two programs for the TV series, "You've Got a Right," on the original and contemporary significance of the Bill of Rights.

The third edition of the book, "Teach-

ing Social Studies in the Elementary School," by **Dr. Ralph Preston**, professor of education and director of the Reading Clinic, has been published by Holt, Reinhart and Winston, Inc.

Albert E. Rose, Jr., lecturer in communications, has produced two half-hour documentaries on Expo '67 and United States plans for a 1976 celebration; a half-hour program in Rome showing the elevating of Archbishop John Krol; and a half-hour documentary on the role of Americans in helping to restore Florence after its flood. He is currently editing the musical score for a program "Now is the Time" which deals with the American Negro and his attitude.

HONORS:

Dr. Erwin A. Gutkind, Senior Fellow in the Institute for Environmental Studies, has received from the City of Berlin its Prize for Architecture. He was cited for design of buildings and large housing projects in Berlin, for advancement of the city's planning and for major contributions to the field of city planning in general.

Dr. J. Robert Schrieffer, Mary Amanda Wood Professor of Physics, and **Dr. Leon N. Cooper**, a former associate of his from Brown University, last month received the Cyrus P. Comstock Award from the National Academy of Sciences for their work on the theory of superconductivity.

Dr. Robert E. A. Palmer, associate professor of classical studies, has been awarded a Grant-in-Aid from the American Council of Learned Societies for a project entitled, "Completion of a history of Roman Metropolitan and Colonial Vici and preparation of an edition of all epigraphic and literary testimonia."

Dr. Henry L. Bockus, professor emeritus of the Graduate School of Medicine, recently received the Order of Rio Branco, one of Brazil's highest awards, for his work in medicine. The award was presented to him in a brief ceremony in the consulate by Consul Helena Velho de Albuquerque.

Dr. Richard L. Solomon, professor of psychology, was awarded the Howard Crosby Warren Medal by the Society of Experimental Psychologists during their 1968 meeting for his ingenious studies which have contributed so

greatly to an understanding of punishment, to a better theoretical understanding of conditioning and to the knowledge of the long-term dispositions which control human behavior.

"Fanfares," commissioned for the Settlement Music School's 60th anniversary concert and written by **George Rochberg**, chairman and professor of music, was premiered in March at the Academy of Music.

David C. Golibersuch, graduate student fellow in physics, has been awarded a National Science Foundation fellowship for postdoctoral work in solid state physics at the University of London.

Dr. Peter C. Nowell, professor and chairman of pathology, and **Dr. John E. Bevilacqua**, assistant professor of neurology, were recently given awards for distinguished teaching by the Undergraduate Medical Association on campus.

Dr. Robert Lumiansky, professor and chairman of English, was elected a Fellow of the Mediaeval Academy of America last month during that group's 43rd Annual Meeting, held on campus.

Dr. Donald E. Smith, associate professor of political science, has been awarded a grant by the Social Science Research Council for research in Latin America during this summer.

TRAVELERS & SPEAKERS:

Dr. Paul M. Lloyd, associate professor of romance languages, last month attended the 12th International Congress of Romance Linguistics and Philology in

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Seven Faculty Members Awarded Guggenheims

Seven Guggenheim Fellowships have been awarded to faculty members at the University, ranking it seventh in the nation in the number of grants received. First was the University of California at Berkeley.

Winners at Pennsylvania include: **Dr. Frank P. Bowman**, professor of romance languages; **Dr. Alan Jay Heeger**, professor of physics; **Dr. Dell H. Hymes**, professor of anthropology; **Dr. Robert M. Lumiansky**, Avalon Foundation Professor in the Humanities and professor of English; **Samuel Maitin**, artist and lecturer in communications; **Dr. Robert L. Pfaltzgraff, Jr.**, assistant professor of political science; and **Dr. Marvin E. Wolfgang**, professor of sociology.

TRAVELERS: (continued)

Bucharest, Rumania as the official representative of the Linguistic Society of America and of the University. While there, he read a paper entitled, "L'action du substrat et la structure linguistique."

Dr. Samuel Noah Kramer, curator of tablet collections at the University Museum and Clark Research Professor of Assyriology, closed the three-day annual meeting of the American Oriental Society in Berkeley, California with an address on "Sumerian Similes: Man's First Literary Imagery." For much of the footwork on the paper Dr. Kramer gave credit to **Dr. Barry Eichler**, instructor in oriental studies.

Dr. Donald S. Murray, assistant to the president for federal relations and professor of statistics, earlier this month participated in a Symposium and Workshop conducted by the Project for the Improvement of Business Practices in Predominantly Negro Colleges in Atlanta. The project is sponsored by the Ford Foundation and the National Association of College and University Business Officers.

Dr. Wilton Marion Krogman, chairman and professor of physical anthropology, this month gave a telelecture, via phone, to faculty and students of Grand Valley State College in Michigan on "Physical Growth and the Development of Personality."

Francis Betts, director of the Office of Institutional Studies and Planning, recently presented a paper to the Urban Affairs Conference which was held at Long Island University and was concerned with the role of the urban university and its part in the community. Mr. Betts has also served as a consultant to another seminar for college faculty on university development and urban renewal.

Robert Nelson, professor of romance languages, presented a talk at Syracuse University this month on "Moliere and Racine: Bi-Polarities in French Classicism."

Robert H. Mundheim, professor of law, recently chaired a panel on Institutions and Law at the first annual Conference of Institutional Investors. He later participated, along with **Dr. Irwin Friend**, Richard K. Mellon professor of Economics, in a panel discussion on the Imperfect Securities Markets sponsored by the American Enterprise Institute for Public Policy Research and the National Law Center of George Washington Uni-

versity. Last month, Mr. Mundheim gave a talk on corporate acquisition by tender offer at a program sponsored in Philadelphia by the Philadelphia Bar Association.

William Adams, a teacher of English at West Philadelphia High School and a visiting lecturer in the English Department at the University, represented the University at a national conference in Washington on Higher Education for the Disadvantaged. The conference was sponsored by the Office of Economic Opportunity.

Dr. Howard Brody, associate professor of physics, was the guest speaker at the Gloucester County Science Symposium last month.

A one-man exhibition by **G. Robert LeRicolais**, professor of architecture, has been exhibited at Columbia University, the Architectural League of New York, Harvard and Rensselaer Polytechnic Institute and will continue to be on exhibition during the summer. Dr. LeRicolais has also been giving a lecture at each exhibit on "Notions on Form."

Dr. Herbert G. Grubel, associate professor of finance, attended a conference on the Brain Drain at Ditchley, Oxfordshire, England in February as one of 30 experts from the United Kingdom, the United States and developing nations. While in Europe he conducted a faculty-student seminar at the London School of Economics and the Jean Baptiste Say Seminar of the University of Nantes on the topic "Internationally Diversified Portfolios: Welfare Gains and Capital Flows."

Dr. J. O'M. Bockris, professor of electrochemistry, visited Egypt, India and Australia recently at the invitation of the National Research Council, Egypt, the University of New Delhi and the Royal Australian Chemical Society to lecture on various aspects of fundamental electrochemistry.

Dr. William C. Cohen, associate professor of chemical engineering, recently attended the 63rd National Meeting of the American Institute of Chemical Engineers in St. Louis where he presented a paper, co-authored with J. K. S. Chio, "Multiple Steady States and Dynamics of an Adiabatic Tubular Reactor with Axial Mixing."

Dr. J. Martin Myers, associate professor of psychiatry and medical director of the Institute (of the Pennsylvania Hospital) was moderator of the afternoon session of the 27th joint professional

staff meeting of the Hall-Mercer Hospital Corporation. **Dr. Martin T. Orne**, professor of psychiatry and director of the Unit for Experimental Psychiatry, participated, speaking on "Effect of 'Accidental' Interruption on Hypnotic Experiments."

Dr. William Brickman, professor of education and **Arnold Miller**, assistant dean of admissions for the Law School, last month participated in a symposium at Wynnefield Hebrew School where they discussed "Government Aid to Non-Public Schools."

The mental processes by which children learn a language were explored at the Fourth Annual Carnegie Symposium on Cognition at Carnegie-Mellon University last month. **Dr. Carlota Smith**, assistant professor of English, discussed "An Experimental Approach to Children's Linguistic Competence."

Dr. David C. Schwartz, assistant professor of political science and staff member of the Foreign Policy Research Institute, was keynote speaker at a Workshop of the Metropolitan Associates of Philadelphia where he discussed "Styles of Action in the Urban Crisis: On Not Being Locked-Out, Boxed-In or Middled." He has recently spoken before several other groups including the Western Psychological Association meetings in San Diego, a Symposium on Revolution at San Diego State College and the Main Line School Night program where he lectured on political violence. He has also chaired the FPRI's Conference on Revolution Studies.

Dr. Gino C. Segre, assistant professor of physics, last month discussed elementary particle theory at the spring colloquium series sponsored by the University of Virginia's physics department.

Dr. Howard Balin, associate professor of obstetrics and gynecology and head of the section on Gynecic Research at Pennsylvania Hospital's Department of Obstetrics and Gynecology, presented a paper last month at the International Symposium on Biology of Reproduction in Mammals held in Nairobi, Kenya. The Symposium was sponsored by the African Society for the Study of Fertility.

While in Nairobi, Dr. Balin also visited the primate research colony maintained by the Southwest Foundation for Research and Education of San Antonio, Texas. His itinerary also included a short tour of Addis Ababa, Ethiopia, and

(continued on next page)

Among other things...

Tunis, Tunisia for research into the problems of population control in these two African nations.

Four members of the Wharton faculty participated recently in an in-service meeting of school administrators which centered on theory and practice of school administration. Participating were **Dr. James C. Emery**, associate professor of industry, who discussed use of computer-based information; **Dr. Kenneth D. Mackenzie**, associate professor of industry, who spoke on the problems of innovation; **Dr. William M. Evans**, professor of sociology and industry, who spoke on administrative goals; and **Dr. David Conrath**, assistant professor of industry, who discussed decision-making.

Herbert Howarth, professor of English, participated in an Irish Literature Festival at Pitzer College, Claremont, where he lectured on Lawrence Durrell and gave a reading of poems by Yeats and others. While in the West he also served at a Poetry Colloquium at California State Polytechnic College in Pomona and, returning through the southwest, lectured on "British Writers of the Sixties" at the University of Arizona and on "The Split in the British Novel 1900-1920" at Rice University in Houston.

Dr. Frederic Roll, professor of civil and mechanical engineering, attended the annual convention of the American Concrete Institute in Los Angeles where he chaired one of the convention sessions on structural models. At that session he presented a paper, "Structural Models in

Australia."

Dr. Seymour J. Mandelbaum, associate professor of urban history, spoke at a symposium on "The Crisis of our Cities" at Ithaca College in March.

Peter McCleary, associate professor of architecture, discussed curriculum content at an Inter-University Conference for Educational Innovation in Architectural Technologies held last month at Harvard University.

Dr. Charles C. Price, Benjamin Franklin Professor of Chemistry, discussed "Evolution, Order and Synthesis of Life" at the Philadelphia Patent Law Association in March.

Dr. George L. Gerstein, associate professor of biophysics and physiology, last month participated in the 1968 William Pyle Philips Lecture Series in Neurology sponsored by Haverford College where he discussed "Organization of Sensory Systems" and "Coding of Information and Models of Sensory Performance."

Dr. Wayne L. Worrell, associate professor of metallurgy and materials science, recently conducted a seminar on "Some New Experimental Techniques in High Temperature Research" at the University of Utah in Salt Lake City and Lawrence Radiation Laboratory, Livermore, California. He also attended an A.C.S. Meeting in San Francisco.

Dr. Herman Beerman, professor of dermatology, presided over the meeting of the American Dermatological Association last April in Dorado Beach, Puerto Rico. As president, Dr. Beerman gave the introductory address at their Workshop held later in Chicago.

Dr. Otis H. Green, professor of romance languages, read a paper at the Southern Conference of Modern Language Learning at New Orleans, another at the 21st University of Kentucky Foreign Language Conference, and this month, a third at the Conference of Foreign Language Chairmen of the State of Virginia in Charlottesville. He recently was made a member of the Editorial Board of the new monograph book-series, *Kentucky Romance Monographs*. An early volume of this series will contain reprintings of selected articles on Spanish literature published in various journals by Dr. Green.

STAFF APPOINTMENTS:

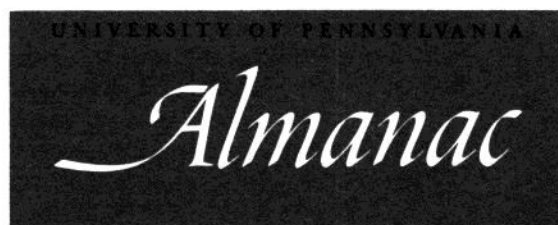
William M. Alrich has been named News Officer for the Wharton School of Finance and Commerce and editor of the *Wharton Quarterly*. Alrich most recently served four years as a public relations account executive and prior to that, served ten years as managing editor and editor of *The Spectator*, an insurance trade magazine.

The Almanac is published monthly during the academic year by the University for the information of its faculty and staff.

Suggested news items should be sent by the 5th of each month to:

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