



UNIVERSITY OF PENNSYLVANIA

Almanac

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Luce, Harris Named University Professors

Two faculty members were named University Professors by the Board of Trustees during their meeting last month. They are Dr. Robert Duncan Luce, professor of psychology, and Dr. Zellig Harris, professor of linguistics.

University professorships were established at Pennsylvania in 1961 to honor those faculty members who are particularly distinguished in scholarship and whose contributions to knowledge have been made in more than one discipline, rather than in a narrow field of specialization. Dr. Luce and Dr. Harris are the eighth and ninth scholars to be named University Professors.

Dr. Luce was graduated from Massachusetts Institute of Technology with a B.S. in aeronautical engineering and obtained his Ph.D. in mathematics there five years later. Before coming to Pennsylvania in 1959, he held positions at MIT, Columbia University and Harvard. (continued on page 2)

Faculty, Administration Give \$3 Million to Capital Campaign

A total of 1,630 faculty and staff members of the University of Pennsylvania have given \$3,288,682 anonymously to its Development Program, Wilfred D. Gillen, chairman of the University's trustees, announced in December.

It is believed that this is the largest amount ever contributed by any faculty and administration to a campaign of this kind. Over 50 percent have contributed to the campaign.

Gillen said the faculty-staff gifts had given the campaign "its greatest inspirational lift."

"Our teachers and supporting staff have told us in a most convincing way that they believe in what we are doing," he commented. "They set their own quota of \$3,000,000. Having topped it, they are shooting for more. Our volunteer workers and donors throughout

the country couldn't ask for a more heartwarming vote of encouragement." It is hoped that by the May Trustees meeting, at least 75 percent of the faculty and staff will have participated.

Leading the appeal among the academic faculties is Dr. George W. Taylor, Harnwell Professor of Industry and noted labor mediator; among the medical faculties, Dr. Richard H. Chamberlain, chairman of the Radiology Department in the School of Medicine; and among the administrative staff, Dr. Donald S. Murray, assistant to the president for federal relations and professor of statistics.

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Appropriations Approved

State appropriations to the University, totaling \$11,227,845, were approved by the Legislature in the closing hours of its 1967 session.

The amount represents a five percent reduction in the amounts recommended by Governor Shafer in his budget message last spring. The cuts produced final allocations of \$2,004,800 to the School of Medicine; \$1,352,800 to the School of Veterinary Medicine; \$95,000 to the University Museum; and \$7,775,245 to the general operating fund of the University.

The appropriations are for the 1967-68 fiscal year, which began last June 30th. Approval had been delayed by the political deadlock over revenue measures required to produce the funds.

State appropriations represent about 8 percent of the University's total operating income, but a substantially larger proportion of the "core" budget for basic educational expenses.

Proposal Limits University Research To Projects Which Are Publishable

A proposal limiting University research to projects whose results are publishable was passed 106 to 35 by the Faculty Senate at their meeting November 27.

The bill, earlier adopted by the University Council, was proposed by Law School professor Paul Mishkin. Mishkin is chairman of the Committee on Implementing University Policy in the Conduct of Research Programs which produced the policy statement.

According to the statement, all existing contracts of grants requiring formal security notification will be phased out

or revised to exclude such a requirement as rapidly as possible; in no event will any such contract or grant be renewed or extended for more than one year beyond its present expiration, nor in any case beyond June 30, 1970.

The policy statement sets up new procedures in accepting, carrying out, publicizing and administering research projects.

The University, the statement says, "as a corporate entity" can accept only external research contracts "whose principal purpose is to produce results which

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Council To Have Students On Three Committees

The University Council voted December 13 to admit undergraduate representatives to membership on three of its committees—undergraduate affairs, planning and development, and continuing education and community services.

The Council's action will allow two student representatives to sit on each of the committees. Only one student vote per committee will be allotted. However, non-voting students on each committee will succeed to voting positions the following year.

Student representatives on the Committees had been recommended October 5 by the University Forum, an advisory group of students, faculty and administrators. On November 22 the Steering Committee of the University Council voted to recommend the proposal.

University Professors . . .

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Dr. Luce is considered one of the foremost theoretical psychologists in the world today. He has done extensive research in the application of mathematical techniques in the social and behavioral sciences, particularly in game theory and utility theory. The author of over 69 journal articles and numerous books, he is a member of the Society of Experimental Psychologists and the American Academy of Arts and Sciences.

Dr. Harris has been a member of the faculty since 1931 and received his B.A., M.A., and Ph.D. here. He was the first chairman of the reconstituted Department of Linguistics and served as such for fifteen years.

Dr. Harris has been concerned with methods used in structural linguistics and his work helped lay the groundwork for transformational grammar. Particularly interested in the mathematical analysis of linguistic structure, Dr. Harris is currently attempting to convert chemical notation into linear form and is responsible for developing a research project on information retrieval that has been going on for several years under federal auspices.

Dr. Harris is a former President of the Linguistics Society of America, a past editor for the American Oriental Society and a member of several other organizations including the American Philosophical Society.

Alumni Seminars Prove Successful

Academic seminars conducted by the University for alumni in Puerto Rico have proved so successful, similar sessions may be held in other cities across the country.

The seminars, held December 1 and 2 in San Juan, were conducted under the auspices of the Alumni Relations office. Eight faculty members participated, including President Harnwell.

One of the most successful enterprises of this nature planned by the University, the Seminars drew over 800 participants in their two-day program. Approximately 35 percent of those attending were alumni and the rest interested business, government, and education leaders.

The idea of the seminars originated with alumni in Puerto Rico (numbering 400) who wanted to sponsor an educational program which would be non-fundraising. A year's planning went into the eight seminars which ranged from labor relations to the cultural heritage and future of Puerto Rico.

Faculty members taking part in the program included Dr. Irwin Friend, professor of economics and finance, who participated in the seminar on recent developments in the U.S. financial market; Dr. Dan McGill, chairman and professor of insurance, who participated in two seminars, one entitled "Insurance—Property, Liability & Casualty" and the other entitled "Life Insurance"; and Dr. Froelich Rainey, Director of the University Museum who spoke at lunch and later took part in the seminar on the cultural heritage and future of Puerto Rico.

Others participating included Dr. Reavis Cox, professor of marketing, who took part in the seminar on marketing; Dr. John Lubin, director of the Computer Center and associate professor of industry who dealt with computerization; Dr. Howard Mitchell, director and professor of Human Resources Program who took part in the seminar on sociology and human relations; and Walter Isard, chairman and professor of regional science who along with Drs. Friend, Cox, and Mitchell participated in the seminar entitled, "Some Aspects of Investment in the Petrochemical Industry in Puerto Rico." President Harnwell discussed universities and their obligations to the community at dinner the first day.

Fels Institute Studies Use of System Analysis

A demonstration project to evaluate the use of advanced techniques of systems analysis in solving major urban problems has been undertaken by the Fels Institute of Local and State Government through its Government Studies Center. The year-long project, which is funded by a grant from the U. S. Department of Housing and Urban Development, is being conducted in cooperation with the International City Managers Association, the American Society of Planning Officials, and the National Bureau of Standards.

According to Charles P. Cella, Administrator of the Government Studies Center, the project will include two one-week symposia for selected city managers and urban planning directors. Controlled experiments will be conducted involving governmental policy bodies, city executives and staff, faculty members of universities near the cities chosen for the experiments, and research staff of the Government Studies Center.

The first of the symposia was held at the Municipal Services Building in Philadelphia, November 12-17, with fifteen city managers and sixteen planning directors from cities throughout the United States attending.

At the second symposium, to be held in August or September of 1968, results of the experimental projects will be evaluated and recommendations formulated.

Robert McCorkle Dies; Head of Printing Office

Robert C. McCorkle, director of the University's Printing Office since 1963, died November 16 at Graduate Hospital after being stricken at work the previous morning. He was 36.

Before becoming Printing Office director, McCorkle was associated with A. Pomerantz & Co., printers, in Philadelphia. From 1955 to 1957 he was a compositor at The Wistar Institute and in 1957 joined the printing office as assistant production manager later becoming production manager.

McCorkle was active in organizing the American Association of College and University Printers. He received the Associate in Business Administration degree from the University's Wharton School of Finance and Commerce evening division in 1961.

Procedures Outlined for Conducting Research Projects

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will be freely publishable in the ordinary manner of open research. . ."

The only acceptable restrictions, it notes, deal with protection of the identity of a sponsor and of his privileged input data according to normal standards of professional ethics.

The University will consider permitting delay but not denial of publication for a period not to exceed one year for patent purposes and not to exceed three months for purposes of receiving a sponsor's comment on a publication.

The policy prohibits funding agencies from exercising influence in the selection or promotion of faculty members, formulating policy, or supervising any research at the University.

The University, however, may invite an outside agency to give advice on its operations.

The Federal government is required to operate under the restrictions required of all other agencies. The statement calls the combination of the "scale and scope of Government research activities . . . a special problem."

The statement refers to the former policy—whereby the University was treated as a company able to negotiate conventional industrial-government contracts after receiving "facility clearance"—as a source of conflict.

The new policy limits the involvement of University personnel in industrial-government work "strictly to an individual capacity."

"University personnel and students who require access to classified data for more effective pursuit of their academic research may, as individuals, apply for and receive security clearances and therefore become individually responsible for classified data under applicable federal statutes. In their individual capacity they may prepare classified or restricted reports for sponsoring agencies. Faculty members are urged to make this decision with great care, however, since it is clear that restrictions on their ability to communicate freely with colleagues, research students and classes may result in their diminished participation in the academic community."

The University will in no event require or suggest that any faculty member, student, academic or policy-making body officer obtain Government security clear-

ance, nor will it exercise any initiative in seeking clearance for such a person.

The statement also asks that faculty members make every effort to eliminate classified work from research leading toward academic degrees.

Government Agencies Abandon Secret Funding

Twenty-one Government agencies pledged last month to abandon secret funding of academic research on foreign countries.

In a report released by an inter-agency committee of the State Department, 14 guidelines were outlined aimed at clarifying the use of government money in support of scholarly research. Among the rules laid down was the statement that "the fact of government research support should always be acknowledged by sponsor, university and researcher."

The principles have been accepted by the Central Intelligence Agency and other intelligence branches as well as major government departments (such as Health, Education and Welfare and the National Science Foundation) involved in support of academic research in the social and behavioral sciences. Projects involving the natural sciences are not covered by the guidelines nor is research that does not involve foreign areas.

The code does not have the legal authority of an Executive order and contains no provisions for enforcement. Officials expressed the belief, however, that having publicly endorsed the code no agency could safely continue a practice that has spread confusion and resentment in this country and abroad.

Among other points in the statement of principles are the following:

- The Government must not do anything that would call into question the integrity of academic institutions.
- Agencies should encourage open publication of the results of Government-sponsored research, though the "practical needs of the nation in the modern world" may require some secrecy.
- Research projects should be designed to advance general knowledge as well as meet immediate policy needs.
- The Government agency must inform the scholarly institutions of the use to be made of the research.

All rules permitting classified theses or dissertations or research in preparation thereof shall be repealed at once, but without prejudice to any student now embarked upon such a project.

In view of the foregoing, the statement says, "The University will no longer have 'the need to know' the content of any classified input data received by individually responsible professors."

The policy allows University faculty to collaborate with commercial and industrial concerns, providing that all such work is approved by the department chairman, dean of the school and Provost or appropriate vice-president.

The commercial firm is limited in the amount of publicity it can give University-involved projects.

The statement includes the provision, formulated in earlier statements, allowing for exceptions to the general policy in national emergencies or in response to urgent needs.

Responsibility for the execution of University research policy is delegated to the Vice Provost for Research (currently Dr. John Hobstetter) who acts with the advice of a faculty committee on research policy (presently the joint Council-Senate Committee on Implementing University Policy in the Conduct of Research Programs).

It is the duty of the Vice Provost to submit for consideration by that committee any proposed research contracts or grants which may raise any question of non-compliance.

Thomas Woody Library Dedicated in Dietrich

The Thomas Woody Memorial Library and Seminar Room, named for the late Dr. Woody of the School of Education, was dedicated November 30 in the Penniman Library of Dietrich. Mrs. Woody was present.

Dr. Woody, a member of the faculty for 41 years, was an educational historian interested in comparative education. The seminar room will be reserved for students both in the history of education and in comparative education.

Dr. Roy F. Nichols, emeritus professor of history, gave the main address, and James C. House, sculptor and associate professor of fine arts, spoke on the artist's conception of Thomas Woody.

Capital Campaign In Third Year; 76% of Goal Reached

(continued from page 1)

Last month marked the third anniversary of the campaign for \$93,000,000 for new buildings and endowment. Nearly 76 percent of the goal has been reached, Gillen reported. He said \$70,537,452 had been received from alumni, parents, other friends, foundations, business, and University personnel.

Dr. Gaylord P. Harnwell, president, said the campaign had enabled the University to make a normal decade's progress in three years.

"We can see materializing a campus such as once might have been thought impossible in a city as large as Philadelphia," he observed. "We have reached the point where the remaining gaps in the program are outnumbered by its achievements. Now we are ready to close the gaps."

Ten major campus buildings have been completed and eight others started—many of them with the help of state and federal agencies—since the campaign was announced November 29, 1964, Gillen reported. In addition, 20 new professorships have been fully or partly endowed.

A corollary goal of \$2,000,000 a year in annual giving for current operations is only "one step away," he said. Yearly gifts for current use reached \$1,904,000 in the year ended last June 30, a gain of 39 percent since the Development Program was announced.

In what Gillen called "other examples of family loyalty," the University's present and former trustees have given \$15,400,000 and Pennsylvania alumni, including trustees, have contributed \$21,970,594.

National foundations have given \$10,844,500; corporations, \$8,722,532; parents of students, \$174,470; and other friends of the University, \$13,520,024. In addition, \$12,006,650 has been received in bequests for program objectives.

The campaign totals do not include grants from public agencies. Gillen said a "partnership" of the General State Authority of Pennsylvania with the University's private benefactors had been a key factor in the progress of the building program. He said construction grants had also been received from various federal agencies.

The ten buildings erected since the campaign was announced are the Laboratory for Research on the Structure of

Matter, buildings for the Graduate School of Education, the School of Social Work, the Psychology Department, the Moore School of Electrical Engineering, and the physical sciences; Stiteler Hall, auditorium and classroom building; the Dietrich Graduate Library Center; the Franklin Building, housing University service departments, and the Bernard F. Gimbel Gymnasium.

A fine arts building will be completed early in 1968 and the William M. Hollenback Center for military science and athletics next spring.

Under construction also are a center for economics, sociology and regional

science; buildings for medical teaching and research and oral health sciences; additional squash courts, and an addition to James M. Skinner Hall, the Faculty Club. The old main building of the Law School is being converted into a legal library and research center; Bennett Hall, a classroom building, is being renovated as headquarters for the English Department.

The \$93,000,000 goal is based on objectives requiring \$58,000,000 in private funds in the academic, or non-medical, areas of the University and \$35,000,000 in the medical sciences and health professions.

William L. Day, chairman of the First Pennsylvania Banking and Trust Company, heads the campaign for the academic objectives. Thomas A. Bradshaw, president of the Provident Mutual Life Insurance Company, is chairman of the medical campaign.

Gillen expressed hope that the academic goal would be reached next spring and the medical goal within the following year.

Butler, Evans Direct Development Programs

Two new appointments in the development office were recently announced. John P. Butler, III, has been named director of annual giving at the University and James D. Evans, Jr., has been named director of the bequest and deferred gifts program.

Butler is a native of Philadelphia, a 1955 graduate of St. Joseph's Preparatory School, and a 1959 graduate of the University of Pennsylvania.

He joined the University development staff in 1962. Prior to his new appointment, he served as, successively, assistant to the director of annual giving and project director, Capital Campaign Office, with responsibility for Philadelphia and the western and southern divisions of the U.S. While assistant to the director of annual giving, he was active in the establishment and administration of the Committee for a Greater Pennsylvania.

Evans joined the University staff in 1960 as business administrator of the chemistry department. In 1963, he was appointed assistant to the dean of the Law School for alumni affairs and development. Prior to joining the University, he served as president of the Schuylkill Transit Company.

In his new position, Evans aids benefactors of the University to establish life income agreements, charitable trusts, and bequests.

Evans is a native of Haverford and was graduated from the Haverford School in 1940. He received a B.A. in 1944 from the University of Pennsylvania, where he majored in economics.

IBM Matchmaking Proves Profitable

Two University of Pennsylvania seniors donated the proceeds of their non-profit electronic matchmaking service—\$93.50—to the University's Alumni Annual Giving Campaign last month.

Kenneth Furst, 21, and his partner, Abe Shore, 21, cleared that amount by finding dates for 245 Pennsylvania undergraduates at 40 cents per match. Every applicant to their Computer Dating Service received the name of at least one suitable member of the opposite sex, and some as many as eight.

IBM lent time on a 7040 computer for the high-speed matchmaking, and the boys designed the questionnaire, debugged the program and hired clerical help. To guard identities they gave each client a number, and in difficult cases they managed to achieve matches by choosing which qualifications to make expendable.

Furst is a finance and accounting major in the Wharton School, and Shore is a chemistry major in the College. Both registered with their own service, they said, but were too busy running the operation to take time to call the girls their computerized "Dolly" found for them.

1966-67 Fiscal Reports

"Illuminate a Paradox"

The University of Pennsylvania last month issued formal financial reports for the fiscal year 1966-67 which, in the words of President Gaylord P. Harnwell, "illuminate a paradox."

"On the one hand are signs of growth, evidence of the University's successful pursuit of its mission," Dr. Harnwell said. "On the other is an increase in the gap between revenues and the costs of operation."

Gifts, bequests, and grants from private sources totaled \$21,013,944, second highest in the University's history. The figure was topped only by the previous year's record of \$23,494,228.

Current operating income increased by more than \$16 million over the previous year, reaching \$117,988,268. But current expenditures increased by more than \$17 million, totaling \$119,673,540. As a result, the operating deficit rose from \$872,769 in 1965-66 to \$1,685,272 for 1966-67.

Dr. Harnwell, noting "a progressive shift in our operating position from a modest surplus five years ago to a substantial deficit," declared that "this is a situation now familiar to all independent colleges and universities, not excepting the most distinguished and most generously endowed."

He attributed the problem in part to the response of colleges and universities to society's demands for "an increasing range of services, each rendered at a loss," and in part to increases in basic educational costs "at a rate which outstrips the rise in available income from such sources as tuition and endowment."

"Students are no longer able to pay the proportion of the cost which has in the past been considered their fair share," Dr. Harnwell said. "At the University of Pennsylvania, more than half the full-time students are receiving financial assistance; any increase in tuition requires a commensurate increase in the aid they receive."

The University's financial report showed income of \$26,251,005 in tuition and fees, an increase of about \$3.5 million over the previous year. Expenditures for salaries totaled \$65,507,757, an increase of \$8.4 million, while scholarships, fellowships, and other student aid cost \$8,881,546 as compared to \$6,523,009 in 1965-66.

Authority Will Aid Penn To Build Low-Cost Housing

Governor Raymond P. Shafer last month signed a bill creating the Pennsylvania Higher Education Facilities Authority which will facilitate the acquisition of low-cost student housing by the University.

The bill creates an organization similar to the New York State Dormitory Authority, which has helped private colleges and universities in New York to construct more than \$400 million in new facilities since 1955. The new Authority has the power to acquire land, construct, improve and furnish buildings, operate projects and lease and dispose of them.

As explained by the Governor's office, the new Authority will not be limited to constructing housing units but will be able to finance and construct varied projects for non-profit institutions and universities.

Under the terms of the bill, the Authority would float the bonds necessary to finance each project and would then lease it to the school sponsoring it.

The bill includes a clause that allows the Authority, with the consent of the schools involved, to combine the reserves out of lease rentals and divide them as needed among the participating colleges.

The bill not only had the Governor's support but was also backed by the Penn-

sylvania Association of Colleges and Universities.

Stuart Carroll, Secretary of the Corporation, represented the University at the bill's signing and presented the Governor with a letter from President Harnwell thanking Shafer for his leadership in getting the bill passed.

Students Receive \$12 Million in Aid

Students at the University received a record \$12 million in financial aid during the 1966-67 academic year, with more than half of all full-time students receiving some assistance according to a report released by the office of student financial aid. Almost 5,000 students in the graduate divisions and schools, professional schools, and special programs received aid while 1,000 undergraduates received aid equal to or exceeding full tuition and fees.

Preliminary reports for the 1967-68 academic year indicate that approximately 55 per cent of the incoming freshman class are receiving financial aid.

The report notes that some of the increase in aid was partially due to revised College Scholarship Service (CSS) standards to provide financial aid to more students from "middle income" families. The new CSS standards, scheduled for nationwide application with the class entering next autumn, have been in effect at the University for two years. CSS standards for student financial aid are used by over 900 colleges and universities.

"Students from 'middle-income' families, those with income available for uses other than maintenance of the household, frequently need financial aid because of special family expenses," explained Douglas R. Dickson, director of student financial aid at the University. "This does not mean that families previously eligible for financial aid will receive any less aid. Rather, this is an over-all expansion of the student financial aid program," he said.

The principal source of new financial aid this year was an increase of more than \$1 million in funds budgeted by the University. Commonwealth Scholarships for members of the classes of 1969 and 1970 accounted for an increase of approximately \$300,000 and a federal Educational Opportunity Grant provided an additional \$76,800.

"The critical years which have been forecast for at least a decade are now quite clearly here," Dr. Harnwell said. "They call for the most conscientious stewardship on the part of our institutions of higher learning, and they call also for energetic and imaginative approaches to the problem of their support."

The \$21,013,944 in gifts, grants, and bequests included those designated for purposes other than current operating costs. The total represented more than 38,000 individual gifts, of which some 35,000 came from alumni. They ranged from the Ford Foundation's \$4,000,000 for acceleration of Ph.D. programs in the humanities and social sciences to token contributions of a dollar or even less.

Almost 31 percent of the total was contributed by alumni. Other individuals gave about 22 percent, foundations 33 percent and corporations 14 percent.

Demand for Teachers, Administrators Rises

A report released from the Division of Educational Placement indicates that the demand for teachers and school administrators is increasing rapidly.

According to Marette Quick, assistant director of placement, and Ralph S. Dierkens, teacher placement counselor, over 15,000 vacancies were reported to their office last year for elementary and secondary teachers. More than 1,000 job openings were reported for two-year colleges and 7,550 university and administrative jobs were available.

They point out that opportunities were especially good for those interested in school administration, particularly in elementary, secondary, junior and community colleges. Because administrative vacancies in two-year colleges demand less specialized competence and a broader base of academic preparation, increased placements were made in the general areas of social sciences and physical sciences.

Positions in 41 fields of college teaching and administration were reported to the office. Although the greatest number of vacancies in college teaching were in the field of education, the greatest increase of jobs occurred in economics and the various fields of applied economics.

Average salaries for college teaching appointments in 1966-67 were \$9,278 for men and \$7,984 for women. Salaries ranges for men excluding administrative appointments, were from \$6,000 to \$16,500; for women, from \$5,800 to \$12,400.

Dr. Sevag, 70, Is Dead; Famed Microbiologist

Dr. Manasseh G. Sevag, emeritus professor of medical microbiology at the University and a researcher in drug-resistant bacteria died November 23 at the age of 70.

Dr. Sevag came to the United States in 1920 after earning a B.A. degree from St. Paul's College in Tarsus, Armenia. He attended Yale University for a year and received his Ph.D. in organic chemistry from Columbia University in 1929. After spending four years as a Rockefeller Fellow at the Robert Koch Institute in Berlin, he was appointed research associate in bacteriology at the University of Pennsylvania School of Medicine.

Dr. Sevag's primary research was in the field of bacterial physiology, immuni-

Sculpture From Solomons On Display at Museum

Sculpture from the Eastern Solomon Islands is now being shown in the University Museum and will continue to be on display through May. The pieces comprise a collection made by Dr. William H. Davenport, curator of the Museum's Oceania Section, who spent 14 months living in the Solomons.

Most of the 125 objects are religious and ritual pieces, including a dozen large house posts carved to depict sacred legends and myths; ritual food bowls used in communion rites with pagan deities; and commemorative sculpture for the dead.

Although the collection represents a traditional style going back hundreds of years, some of the pieces were commissioned by Dr. Davenport and produced by native artists and artisans. The source of each object and its fabrication and iconography are well documented, making this one of the very few exhibitions of primitive art to be presented in the United States for which the complete cultural background, meanings and uses of the objects, as well as information on the artists, are known in detail.

Publication Available

The National Research Council has issued a publication, *Fellowship and Research Opportunities in the Mathematical Sciences*, listing awards available, their closing dates and all other pertinent information. It is available free from the Division of Mathematical Sciences, National Research Council, 2101 Constitution Ave. N.W., Washington, D.C. 20418.

catalysis and in the development of substances to prevent germs from resisting drugs. He was the author of more than 125 scientific papers and a contributor to three textbooks.

He was a fellow of the New York Academy of Sciences and the American Association for the Advancement of Sciences and was a charter member of the American Academy of Microbiology. In 1965 he was one of the first foreign members elected to the American Academy of Sciences. He founded the Armenian Historical Research Association in 1963 and served as its first president.

Dr. Roland Appointed Chairman of Neurology

Dr. Lewis P. Rowland, a neurologist who is widely known for his work on the biochemical bases of inherited neurologic disorders, has assumed the post of chairman and professor of neurology at the University's School of Medicine.

Dr. Rowland also directs the neurology department's Biomedical Center for Clinical Neurological Disorders and is chairman of the faculty committee charged with organizing a new inter-departmental course in neurobiology in the medical school.

The new chairman comes from Columbia University's College of Physicians and Surgeons where he was professor of neurology. A member of the Columbia faculty since 1953, Dr. Rowland was Co-director of the Neurological Clinical Research Center at Columbia-Presbyterian Medical Center for the past six years.

Coming to the University with Dr. Rowland are neurologists Dr. Donald L. Schotland, associate professor; Dr. Leon Prockop, assistant professor; and Drs. Audrey Penn and William Bank, instructors. Dr. Schotland is a cytologist and electron microscopist. Dr. Prockop's research concerns cerebrospinal fluid; he will be in charge of the medical school's clinical neurology service at Philadelphia General Hospital.

Saunders Receives Gold Medal Award

Stuart T. Saunders, chairman of the board of the Pennsylvania Railroad Company, received the eighteenth annual Gold Medal Award of the Wharton School Alumni Society November 29 for his "... distinguished leadership in the promotion of public understanding of business, for his inspired performance in management, and for his personal contributions to American business and higher education."

Saunders was named chairman of the board and chief executive officer of the Pennsylvania Railroad Company in 1963. He is a director of two dozen companies, corporations, and foundations, a board member of several colleges and educational foundations, and holds honorary degrees from ten colleges and universities.

Among other things...

AUTHORS:

Dr. Tristram P. Coffin, professor of English, edited a collection of essays entitled *An Introduction to American Folklore* published by Basic Books this month. Members of the faculty contributing to this book, based on the broadcast of a Voice of America Forum Series on American Folklore, are **Dr. G. Malcolm Laws**, professor of English; **Dr. Don Yoder**, associate professor of religious thought; **Dr. Kenneth S. Goldstein**, associate professor of folklore and folklife; **Dr. Hennig Cohen**, professor of English; and the late **Dr. MacEdward Leach**, emeritus professor of English.

Dr. Edward P. Hutchinson, professor of sociology, is the author of a new book entitled *The Population Debate*, published by Houghton Mifflin Company. Two other members of the sociology department have contributed journal articles. **Dr. Edward P. Friedman**, assistant professor, had his paper "Age, Life of Institutionalization and Social Status in a Home for the Aged," published in the *Journal of Gerontology*. Another paper, "Correlates of Marital Selection" written by **Dr. William M. Kephart**, professor, appeared in the *Journal of Marriage and the Family*.

Dr. Thomas C. Cochran, professor of history, and **Dr. A. Irving Hallowell**, emeritus professor of anthropology, were members of the Editorial Advisory Board for the new International Encyclopedia of the Social Sciences to be published in 1968 by Crowell Collier and Macmillan Company. In addition, twenty-eight faculty members are contributors to the work.

APPOINTMENTS:

Dr. Otto Pollak, professor of sociology, has been appointed a member of Task Force No. 4 of the Joint Commission on Mental Health for Children.

Dr. Lawrence D. Sher, assistant professor of biomedical sciences, is currently visiting professor of electrical engineering at Pahlavi University in Iran.

Dr. J. K. Zawodny, professor of political science, has been invited to become Senior Member Associate of St. Anthony's College, Oxford University,

for the academic year 1968-69. Dr. Zawodny will spend this spring semester at the Harvard University Center for International Studies.

Dr. Donald S. Murray, assistant to the president for federal relations, has been elected Secretary-Treasurer of the Eastern Association of College and University Business Officers.

Dr. Richard Kaplan, associate in orthopedic surgery, was elected President of the State Orthopedic Society last fall. More recently, he read a paper at the 42nd Anniversary Congress of the Pan American Medical Association in Buenos Aires entitled, "A Study of the Insertion of the Semimembranosus Muscle."

HONORS:

Dr. Herman P. Schwan, professor of electrical engineering, received the Morlock Award of Biological and Medical Engineering for his contributions to the field at the 20th Annual Conference on Engineering in Medicine and Biology held in Boston last November. Later in the month, he presented a lecture on Biological and Medical Engineering at the International Meeting at Harcourt Butler Technological Institute in Kampur, India.

Dr. Albert P. Seltzer, associate professor of otolaryngology at the Graduate School of Medicine, and chief of plastic and reconstructive surgery at St. Luke's and Children's Medical Center, was honored by the hospital recently at a banquet where an unveiling of his portrait took place. Presented by the medical staff, the portrait will be placed in the hospital lobby.

Dr. Thorsten Sellin, emeritus professor of sociology, received the insignia and diploma of a Grand Officer of the Royal Order of the North Star at a dinner given by the Ambassador of Sweden in Washington, D.C. The Swedish Minister of Justice presented the award to Dr. Sellin on behalf of his government. Dr. Sellin also recently addressed an International Colloquium on Capital Punishment held at the University of Coimbra, Portugal.

Dr. Roy F. Nichols, emeritus professor of history, was one of nine men honored in November by the Governor's Committee of 100,000 Pennsylvanians.

The award for excellence in education was presented to him by Governor Shafer at a dinner in Pittsburgh.

Dr. Alan G. MacDiarmid, professor of chemistry, received the sixth Philadelphia Section Award of the American Chemical Society at their meeting in the University Museum last October. His award address was entitled, "Silicon Chemistry — Is it Pseudo-Organic?"

Dr. Stuart W. Churchill, Carl V. S. Patterson Professor of Chemical Engineering, received a citation from the American Institute of Chemical Engineers in November in recognition of his six years of service as Director. In addition, Dr. Churchill recently gave two talks, one at a Graduate Seminar at Lehigh University and the other at a Graduate Colloquium at the Polytechnique Institute of Brooklyn.

A composition by **George Rochberg**, chairman and professor of music, was recently performed by the Philadelphia Orchestra in the Academy of Music. Entitled "Zodiac," it was the first local performance of the 12-cycle piece. Shortly after its performance here, the composition was given its New York premiere by the orchestra during a guest engagement at New York Philharmonic Hall in Lincoln Center.

TRAVELERS & SPEAKERS:

Dr. Morton J. Schussheim, professor of city planning, initiated the second Community Leadership Seminar for business and civic leaders at Wilkes College, Wilkes-Barre, Pennsylvania in October. Topic for the Seminar was "Planning for What?" Dr. Schussheim also participated in the conference of the Institute of Medical Climatology in Philadelphia later in the month. His subject was "The Social Climate of Cities."

Miss Faye H. Bardman, instructor in Women's Physical Education, was a member of the United States Field Hockey Team which toured Germany in September and participated in the International Field Hockey Tournament and Conference held in Levurkusen, Germany.

Lt. Col. George F. Sawyer, professor of military science, participated in a Reserve Officers Training Corps Conference at the National War College at Fort McNair last November to discuss and exchange views on current plans, potential problem areas, and continuing improvement of ROTC programs.

(continued on next page)

Among other things...

Dr. David Solomons, professor of accounting, presented a paper at a Symposium on Financial Reporting by Conglomerate Companies which was held at Tulane University in November. He also presented a paper on the same topic to the Annual Meeting of the American Accounting Association held at Pennsylvania State University at the end of August.

Dr. Johannes Ipsen, professor of epidemiology and medical statistics and acting chairman of the Department of Public Health and Preventive Medicine, participated in a three day meeting of the New York Academy of Sciences with the Working Group on "Epidemiology of Air Pollution and Human Disease." Twenty participants from the United States and twelve from abroad took part. Dr. Ipsen opened the discussion on "Episodic Morbidity and Mortality in Relation to Air Pollution."

Dr. Paul M. Lloyd, associate professor of romance languages, attended the International Conference on Bibliographical Form and Style held at Pennsylvania State University last month. Dr. Lloyd is a bibliographer in Rumanian for the Modern Language Association.

Dr. Dorothy S. Thomas, research director of migration for Population Studies Center, was a discussion leader at a conference on Internal Migration and Urbanization in Bangkok, Thailand. **Vincent H. Whitney**, director of Pop-

ulation Studies Center, participated in a workshop on international demographic training supported by the United Nations' Technical Assistance Bureau and held in Denmark. Dr. Whitney also chaired two luncheon panels on fertility and mobility at the meetings of the American Sociological Association in San Francisco. He later presented a statement to a special meeting on religion and fertility and participated in a workshop on the plans for an enlarged social science program in UNESCO.

Dr. S. R. Pollack, associate professor of metallurgy and materials science, and **Mr. Michael Mindel**, graduate student, presented a paper "Low Temperature Oxidation of Titanium Films" at the fall meeting of the Metallurgical Society, AIME, in Cleveland.

Dr. Hsuan Yeh, director of the Towne School of Civil and Mechanical Engineering, served as the chairman of a session on "Energetics" at the Winter Annual Meeting of the American Society of Mechanical Engineers in Pittsburgh in November. At the same meeting, **Dr. Paul Trumpler**, professor of mechanical engineering, presented a paper together with an advisory engineer for International Business Machines Corp. on the "Dynamics of Synchronous-Processing Turborators with Particular Reference to Balancing—Part 2—Application." **Dr. Manfred Altman**, professor of mechanical engineering, chaired a session on "New Approaches to Technical Meetings and Information Retrieval."

Dr. Otto Springer, dean of the College, delivered the Taft Lectures in the field of Germanic linguistics and Medie-

val Germanic literature at the University of Cincinnati in November.

Dr. Karl Rickels, associate professor of psychiatry, chaired a symposium on "Antineurotic Agents" and was one of the principal speakers at the 6th Annual Meeting of the American College of Neuropsychopharmacology held in San Juan, Puerto Rico last month.

Dr. Daniel Perlmutter, professor of chemical engineering, presented a paper entitled "Bounding Chemical Reactor Transients by Estimation of Growth or Decay Rates" at the Annual Meeting of the American Institute of Chemical Engineers in New York last November. He was also chairman of a symposium on reactor dynamics and control. Earlier, Dr. Perlmutter presented three talks, one on "Stability of Distributed Parameter Reactor" at both the University of Massachusetts and Yale and the other, "Reactor Stability and Control," at the New Jersey section of the American Institute of Chemical Engineering.

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