

UNIVERSITY OF PENNSYLVANIA

# Almanac

## Martin Meyerson of State University of N.Y., at Buffalo Elected President by Trustees to Succeed Dr. Harnwell

The election of Martin Meyerson, nationally prominent authority on urban affairs and university governance, as President-designate of the University was announced Wednesday, January 28, by William L. Day, Chairman of the Trustees. He will succeed Dr. Gaylord P. Harnwell when the latter retires from the presidency in September, 1970.

Mr. Meyerson, president of the State University of New York at Buffalo since 1966, is also currently serving as Chairman, The Assembly on University Goals and Governance, which was established in September, 1969, by The American Academy of Arts and Sciences. The Assembly is charged with "exploring, developing, and helping to implement alternative approaches for resolving some of the principal issues affecting colleges and universities today."

His election took place at a reconvened meeting of the Trustees which had been

recessed on January 16. A joint trustee, faculty, and student committee established criteria and procedures for the selection of a new president and subsequently served as the search committee which unanimously recommended his appointment. Meyerson was the first choice of the search committee, which considered approximately 200 nominations made by all members of the University.

Mr. Meyerson, who was a member of the University's city planning faculty from 1952-1957, will become the 19th chief executive officer of the University.

In announcing Meyerson's election, Day, who also served as chairman of the joint criteria-search committee, said: "At this particular juncture in the University of Pennsylvania's history, Martin Meyerson comes to us endowed by temperament and experience with the ability to deal sensitively and innovatively with the academic,

governance, and community problems affecting the character of this independent urban university in a time of dramatic change. Our joint trustee, faculty, student committee was particularly pleased to find and recommend a man who enjoys national respect for his contributions to the relevant issues confronting all higher education and, at the same time, is familiar with the University of Pennsylvania and the Philadelphia community with which it has been inextricably linked since Colonial days.

"His election will help insure for the 70's the pre-eminent position of strength which has characterized the University of Pennsylvania under Gaylord Harnwell's distinguished stewardship of 17 years."

In response to his election, Mr. Meyerson made the following statement: "No American city in our generation has remade itself as dramatically as Philadelphia. The renaissance of the University of Pennsylvania has paralleled that of the city. One of the most important satisfactions of my life was to be part of both. Therefore, it is with the greatest pleasure that I return to where much of my professional and academic career was established. Together with the Trustees, the professors, the students, and

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## Great Interest in Cities Reflected In Meyerson's Career and Writing

As former director of the MIT-Harvard Joint Center for Urban Studies, 1959-63; and later as a faculty member and Dean of the College of Environmental Design at the University of California at Berkeley, 1963-66; as well as Buffalo's president, Mr. Meyerson has long been concerned with the interaction between the university and the urban community.

He was at Berkeley when the Free Speech movement of 1964 began on that campus. In the midst of the crisis he was appointed acting chancellor and was generally credited with easing the tense situation during the remainder of the academic year. In 1966, he was named President of the State University of New York at Buffalo. During 1944-45 he was a member of the staff of the Philadelphia City Planning Commission. He served the University of Chicago as an assistant professor in the planning program of the College of Social Sciences from 1948 to 1952.

From 1952 to 1957, Mr. Meyerson was a member of the University of Pennsylvania faculty as an associate professor and then professor of city and regional planning.

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Martin Meyerson

## Trustees Endorse Meetings On Unit 3 Land Use

The Trustees resolved at their meeting January 16, that the "... full Board of Trustees of the University confirms the resolution of its Executive Board adopted on November 14, 1969, and requests that the Board of the (University City) Science Center expedite to the extent possible a response to the Quadripartite Commission (on University-Community Development) concerning the charrette proposals."

It was also resolved that "... the Trustees endorse the proposal of Science Center officers that direct negotiations be entered into between representatives of the Science Center and the Quadripartite Commission."

The Trustees noted that on November 14

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## Dedication Held for Peace Monument

The new monument to peace on College Hall quadrangle adjacent to the Van Pelt and Dietrich Libraries was dedicated on January 27. The nine-foot diameter monument is formed of stainless steel in the shape of the traditional peace symbol incorporating the semaphore signals for N and D (i.e., nuclear disarmament) in a circle.

Rev. Mr. William Sloane Coffin, Chaplain of Yale University, spoke at a dedicatory service held in Irvine Auditorium. A statement on the reasons for establishing the monument was read by George Castelle, a senior in the College, who is one of five student members of the committee appointed in November by President Harnwell to plan for the monument. The introduction was given by John A. Russell, Jr., Vice-Provost for Student Affairs and chairman of the monument committee.

At outdoor ceremonies adjacent to the monument, a dedicatory prayer was led by Rev. Mr. Stanley E. Johnson, University Chaplain, and vice-chairman of the committee. The inscription on the monument was read by Lawrence R. Cohen, a senior in the College and also a member of the monument committee. The text of the inscription is based on the University Council's

resolution endorsing the monument at its October 30 meeting, and reads, "This monument erected by members of the University Community symbolizes our commitment to peace and the principle of self-determination of peoples, as well as our deep sorrow over the deaths in the Vietnamese War of millions of Vietnamese and tens of thousands of Americans, including alumni of this University."

The cost of the monument is being funded by individual contributions from students, faculty and staff of a maximum of \$1 per person. Contributions may be made through the office of the Vice-Provost for Student Affairs, 110 College Hall, or the Community of Students office in Houston Hall.

Other members of the committee on the monument are Donald K. Angell, Vice President-Assistant to the President; Dr. Lee Benson, professor of history; Dr. Hennig Cohen, professor of English; Robert M. Engman, professor of fine arts; Richard B. Grose, a junior in the College; Dr. John N. Hobstetter, Vice-Provost for Research and Acting Associate Provost; Neil S. Lutsky, a senior in the Wharton School; Dr. John W. McCoubrey, professor of the history of art; Dennis C. Wood, a junior in the College.

## Senate Acts on Research Policy

The University Senate at a special meeting on February 5, endorsed the recommendation from the Joint Council-Senate Committee for Implementing University Policy on the Conduct of Research Programs which states that the elimination of classified research contracts at the University has been completed. In 1967, the University Council and the Senate had adopted a policy against the continuance of classified research contracts and this was supported by the Trustees. The original date for conclusion of any classified research was July 1, 1970.

Concerning research projects not under University contract the Senate endorsed the following statement: "Any research program utilizing University personnel and facilities on campus must comply fully with all criteria and requirements of University Policy on the Conduct of Research Programs. Normally such work is (and should be) carried out under a contract or grant to which the University is a party, but the stated policy will be fully applicable in any event." This policy is not intended to interfere with normal individual consulting relationships.

Concerning release of information about research projects, the Senate endorsed a

statement under which detailed descriptions of research proposals will not be generally released by the University without the consent of the faculty investigator concerned. At the same time, any investigator who does not wish to give such consent will have to prepare a detailed abstract of the project (to be submitted and processed with the original proposal through all stages) which will be generally available and which

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## Daniel O'Kane Named Dean Of the Graduate School

Dr. Daniel J. O'Kane, professor of microbiology and Associate Dean of the Graduate School of Arts and Sciences, has been appointed the School's Acting Dean, President Harnwell has announced. Dr. O'Kane was Vice-Dean from 1966 to 1968, when he was named Associate Dean.

He succeeds Dr. John N. Hobstetter, who has been named by Dr. Harnwell to serve as Acting Associate Provost.

Dr. Hobstetter also has served as Vice-Provost for Research since 1967, and con-

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## Bernard Wolfman Elected Dean of the Law School

Bernard Wolfman, professor of law here since 1963, has been elected by the Trustees as Dean of the Law School, effective July 1. He succeeds Jefferson B. Fordham, Dean since 1952, who will become University Professor of Law.

Before joining the Law School faculty, Mr. Wolfman had been a member of the Philadelphia law firm of Wolf, Block, Schorr and Solis-Cohen since 1948, where he was a partner. He received both the bachelor of arts (1946) and bachelor of laws (1948) degrees here.

While a member of the faculty, Mr. Wolfman served as general counsel of the American Association of University Professors from 1966 to 1968 and was a consultant on tax policy to the U. S. Treasury Department from 1963 to 1968. He was a member of the advisory group to the U. S. Commissioner of Internal Revenue in 1966-67. He also served in 1968 as chairman of Sen. Eugene McCarthy's Task Force on Tax Reform and Tax Policy, and is the author of *Federal Income Taxation of Business Enterprise*, published last year.

Mr. Wolfman is presently chairman of the University Senate and of the Task Force on Governance.

## New Staff Members Named In External Affairs Office

James Robinson has been named assistant director and Andrew J. Sullivan appointed coordinator of community-related programs in the office of the Assistant to the President for External Affairs, now located in 117 College Hall.

Mr. Sullivan is a former planner in the Office of Planning and Design and will now have responsibility for projects conducted formerly through the Office of Community Relations as well as for facilitating University participation in community programs.

Mr. Robinson, who comes to the University from the United Fund of Philadelphia where he was director of community services, will work closely with community organizations including those already involved in joint programs such as Project MANTUA and the Quadripartite Commission on University-Community Development.

He will also help create new programs that draw on the joint resources of the University and the community, and will seek to broaden the University's contact with Greater Delaware Valley institutions, business and industry, in joint approaches to community problems.

## Tuition and Fees Increased by \$200

Tuition and fees for most full-time students will be raised by \$200 per year to an annual level of \$2,550 at the start of the 1970-71 academic year in September, President Harnwell has announced.

Also the rental rates in existing University residence halls will be increased in 1970-71 to make the average rates range generally from \$600 to \$720 per year. The increase will be \$50 in the Men's Dormitories and Hill Hall (the largest women's dormitory) and \$100 in the other residences. A separate rental rate schedule has been established for the new high-rise apartment and dormitory complexes which are scheduled to open in September.

Concerning the increase in tuition, Dr. Harnwell said that a December meeting of the Ivy League universities policy committee brought out clearly that our sister institutions are experiencing similar financial problems. He also noted that a recent survey among many of the nation's largest independent universities indicates the prospect of a continuing pattern of tuition increases. Among the universities participating in this survey, the lowest increase in tuition for the coming academic year is \$100 and the highest is \$400.

"Proceeds from our Annual Giving campaign and other unrestricted income have

been most significant in helping to reduce deficits in the current year as well as in previous years," Dr. Harnwell said.

"Because of necessary increases in the level of student financial aid to permit able and needy students to attend, we will gain only about 54 cents from each additional dollar of tuition revenue," said Harold E. Manley, Vice-President for Business and Financial Affairs. "Tuition was increased because the University desperately needs the funds to balance the basic educational operating budget." He said that tuition and fees provide 57 per cent of the income to this budget (totaling \$50 million of the overall some \$150 million in the total University budget). "Use of these unrestricted funds is not limited to any specific purpose and it is in this budget that the critical deficit situation exists. By contrast, the restricted budgets, where funds must be used for specified purposes, are essentially balanced," Mr. Manley said.

Frederick G. Kempin, chairman of the University Council's Committee on Tuition and Fees and Vice-Dean of the Wharton School of Finance and Commerce, stated that "this increase in tuition will not in itself answer the need to balance outgo with income, but hopefully it will help us from getting further into a deficit situation."

## Land Use . . .

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the Executive Board of the Trustees had adopted a resolution which endorsed the concept of the charrette plan calling for mixed residential and institutional development in redevelopment Unit 3, and that the Executive Board had directed the appropriate officers of the University to exercise in their behalf their best influence on the redevelopers in Unit 3 to the end that those developers adjust their land use plans to be consistent with the principles underlying the land reuse plan advocated by the planning charrette, which was sponsored in October by the Quadripartite Commission and conducted by the Young Great Society Architecture and Planning Center.

Negotiations concerning the use of certain land presently assigned to the University City Science Center in Urban Renewal Unit 3 are being conducted between a special subcommittee of the Science Center board of directors and representatives of the University's Quadripartite Commission on University-Community Development.

At a January 20 meeting of the Science Center board the following resolution concerning the negotiation on land use in

Unit 3 was adopted:

WHEREAS a Planning Committee sponsored by the Quadripartite Commission has proposed an alternative land use plan to that approved in the current Urban Renewal Plan for Redevelopment Area Unit 3; and

WHEREAS the University City Science Center has, as a fundamental objective, the improvement of human welfare: Therefore be it RESOLVED: That the Chairman be authorized to appoint a subcommittee to negotiate with representatives of the Quadripartite Commission relative to the specific proposals of the Charrette with regard to the legal and practical considerations of the proposed plan and, any modifications thereof. In entering into negotiations the Science Center does so with the sincere desire that a mutually agreeable solution will be reached. Such negotiations are to be consistent with recognition of the University City Science Center's basic objective, i. e., the currently approved Urban Renewal Plan, as well as with the Corporation's desire to serve the best interests of the surrounding community. The results of such negotiations are to be presented to the Board of Directors for ratification.

## Hospital Expansion Approved; New Trustees Named

Approved by the Trustees at their January meeting was continuation of planning for the revised Centennial Plan for expansion of the Hospital of the University of Pennsylvania. This first phase, known as Joint Independent Management (JIM), will provide facilities for non-medical services that will be shared by University Hospital and Children's Hospital of Philadelphia. The new Children's Hospital now is under construction on 34th Street south of University Hospital.

Expenditure of \$997,000 was authorized for initial construction and additional planning of JIM. Space in the basement of several University Hospital buildings, as well as in a courtyard, will be renovated or excavated to house such service facilities as central processing, receiving, food service, linen handling, mail room, purchasing, pharmacy production, plant and grounds maintenance, waste disposal and the print shop.

In addition, expenditure of \$254,000 was authorized for continued planning by architects for expansion of University Hospital, which will be constructed over part of the JIM structure.

In their report in January to the Trustees, the University's planning consultants said the two hospitals could more effectively utilize their present personnel, because they would make joint use of this expensive equipment in properly designed new facilities.

In other action Charles D. Dickey, Jr., President of Scott Paper Co., was elected a Term Trustee to serve for five years. He is serving as Chairman of the Parents Campaign in the 1970 Annual Giving program, and is a director of Scott Paper as well as of Insurance Company of North America, the Greater Philadelphia Chamber of Commerce, and Morgan Guaranty Trust Co., of New York. His son is a member of the Class of 1971 in the Wharton School of Finance and Commerce.

Wesley A. Stanger, Jr., of Cranford, N. J., has been elected by alumni residing in Region 2 of the General Alumni Society to a five-year term as an Alumni Trustee. Mr. Stanger, a 1929 graduate of the Wharton School, is senior partner in the New York stock brokerage firm of Riter and Co. Mr. Stanger will represent alumni residing in New York, New Jersey (excluding the greater Camden area), Pennsylvania (excluding the greater Philadelphia area), Puerto Rico and the Virgin Islands.

Mr. Stanger is chairman for the New York Metropolitan Area in the University's 1970 Annual Giving campaign and

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## Meyerson . . .

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the alumni, I look forward to building upon the tremendous educational achievements of President Gaylord P. Harnwell."

President Harnwell said, "The University is very fortunate indeed to have secured this distinguished educational leader as its incoming president. Martin Meyerson's experience in all phases of university operation and administration has been extensive and varied; he is deeply concerned with the fostering of the highest quality in academic performance; and he is a sensitive leader in the progressive currents of the national educational scene. His particular expertise in the areas of political science and sociology could not be more responsive to the needs

of a great urban university in America today, and Pennsylvania can look forward to an era of rapid progress under his leadership."

Bernard Wolfman, Dean-Elect of the Law School, Member of the Search Committee, said, "We have been fortunate in attracting a man with outstanding professional qualifications and familiarity with our faculty and our institution. It is heartening to see a man who got to know both our strengths and our problems, while serving as a member of the University faculty, choose to return to accept the challenges of the presidency. I know the members of the faculty who worked with Meyerson while he was here will be pleased to learn he is returning, and that all faculty

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## History of University's Chief Executives Outlined

The University of Pennsylvania was unique among American universities in having no office of President until 1921. From the time of founding in the Colonial period until that year, the Provost was the chief executive officer of the University.

The initial move toward creation of the office of President came when Gen. Leonard Wood was elected to the new position in 1921. Upon agreement by the Trustees that Gen. Wood's title should be President, Dr. Josiah Penniman, a former Vice-provost, was named Provost. There was no clear differentiation of powers except that the President was to be head and the Provost was to be in charge of more purely academic affairs. While he accepted the position of President, Gen. Wood continued to serve as Governor-General of the Philippines. Upon the insistence of the Trustees that he assume his office by Jan. 1, 1923, Gen. Wood resigned from the position on Dec. 18, 1922, without ever exercising the powers of his office.

On Oct. 15, 1923, Dr. Penniman was elected President and continued to serve as Provost. In 1926, the title of President was abolished by the Trustees, only to be recreated in 1930 for President Thomas S. Gates. Dr. Penniman served as Provost until 1939.

Following is a list of the chief executive officers of the University and the periods in which they served.

	<i>Years Served</i>
William Smith	1754-1779
John Ewing	1779-1802
John McDowell	1806-1810
John Andrews	1810-1813
Frederick Beasley	1813-1828
William H. DeLancey	1828-1834
John Ludlow	1834-1853
Henry Vethake	1854-1859
Daniel R. Goodwin	1860-1868
Charles J. Stille	1868-1880
William Pepper	1881-1894
Charles Custis Harrison	1894-1910
Edgar Fahs Smith	1910-1920
Josiah H. Penniman	1921-1930
Thomas S. Gates	1930-1944
George W. McClelland	1944-1948
Harold E. Stassen	1948-1953
Gaylord P. Harnwell	1953-1970
Martin Meyerson	elected Jan. 28, 1970

## Statistical Summary of Achievements Under Dr. Harnwell Detailed

In a letter to Trustees, faculty, and students seeking nominations for the presidency of the University, William L. Day, Chairman of the Trustees, wrote: "As you know, President Harnwell has publicly announced his desire to retire on or around his sixty-seventh birthday on September 29, 1970. His retirement will bring to a close a distinguished stewardship which has seen our great University ever striving for academic excellence and increasing its stature among educational institutions and leading the way in handling the sensitive problems which confront academic leaders on all major campuses of the nation."

The following statistical summary illustrates in part the dramatic progress of the University since Gaylord Harnwell became President in July 1953.

### Physical Facilities

Since 1953, some 100 major construction projects have been completed at a total cost of approximately \$117,000,000, including 35 new buildings. An additional 15 projects are underway at an estimated cost of \$93,830,830. Six more projects at an estimated cost of \$14,321,228 are scheduled to begin this academic year. In the planning stage are projects estimated at \$100,574,364.

	1953	1969
Plant Value.....	\$ 56,140,000	\$174,874,000
Endowment.....	38,876,000	199,484,000
Operating Expenditures.....	27,264,000	151,647,000
Research and Training Contracts.....	4,000,000	45,124,000
Student Aid.....	1,300,000	14,330,000
Assets.....	104,553,000	389,054,000
<b>Enrollment</b>		
Total (full and part-time).....	14,294	19,021
Full-time.....	7,997	13,901
Undergraduate.....	4,954	7,109
Men.....	3,868	4,844
Women.....	1,086	2,265
Graduate and Professional.....	3,043	6,792
<b>Academic Staff</b>		
Size.....	2,600	4,611
Salaries (Average for full professor).....	\$ 8,000	\$ 21,239*
*Can be \$23,973 with fringe compensation.		
The average salary for full professor rose more than \$13,000 during the period 1953-69.		
<b>Gifts and Bequests</b>		
(Total for all purposes).....	\$ 3,061,000	\$ 22,862,851
Annual Giving for Current Operations.....	210,560	2,609,659
Number of Donors.....	13,149	27,430
Total—all sources since 1953.....		\$207,862,851

"How Can We Save the Environment?" will be the topic of Dr. M. L. Goldberger, Higgins Professor of Physics at Princeton University, in the E. I. du Pont de Nemours & Co., lecture to be given at 3:30 p.m., Wednesday, February 25, in Room A-1 of David Rittenhouse Laboratory.

# Procedure for Presidential Selection And Search Committee Work Described

President Harnwell announced in January, 1969, his intention to retire on or around his 67th birthday on September 29, 1970. He reminded the Trustees that when he had accepted the presidency in 1953 he had indicated that in all probability he would not wish to serve beyond his 67th birthday or year. Dr. Harnwell said he wished the precise effective date of his retirement set to be convenient to his successor.

Concurrently with public announcement of Dr. Harnwell's intention to retire, William L. Day, Chairman of the Trustees and Chairman of the First Pennsylvania Banking and Trust Company, announced establishment of a Committee on Criteria and Procedures for the Selection of a New President. Appointed to this committee, of which Day was the chairman, were:

#### Trustee Members

Henry M. Chance, II, President, United Engineers and Constructors, Inc.  
Robert G. Dunlop, President, Sun Oil Company  
Paul F. Miller, Jr., Partner, Miller, Anderson and Sherrerd  
William D. Patterson, President, General Alumni Society; President, Patterson, Schwartz, and Associates  
Ernest Scott, Esq., Chairman, Pepper, Hamilton and Scheetz  
Bernard G. Segal, Esq., Partner in Schnader, Harrison, Segal and Lewis

#### Faculty Members

Dr. Charles C. Price, Benjamin Franklin Professor of Chemistry  
Dr. Ned B. Williams, Professor of Microbiology  
Dr. Julius Wishner, Professor of Psychology  
Bernard Wolfman, Professor of Law

#### Student Members

David A. Harris, Class of 1970, College of Arts and Sciences  
Gary E. Mullin, Class of 1970, Graduate School of Arts and Sciences  
Cathy R. Riegelman, Class of 1970, College for Women  
Mark Rindner, Class of 1971, College of Arts and Sciences  
Howard A. Schoenfeld, Class of 1970, College of Arts and Sciences

In June, 1969, the Committee on Criteria and Procedures adopted the following guidelines to be used in evaluating persons nominated for the presidency:

1. A youthful, progressive, vigorous person roughly between the ages of 35 and 55.
2. An individual with a broad academic background and earned doctorate or its equivalent in his discipline. He must have a commitment to excellence in teaching and research, and to academic freedom and

integrity.

3. Evidence of capacity for administrative work.

4. Sensitivity to the aims and desires of students and faculty.

5. Ability and willingness to articulate his views to associates both inside and outside of the academic community and to listen to and appraise the views of his colleagues.

6. High sensitivity to social and community problems affecting the University and the ability to organize intelligent efforts toward their solution.

7. Great flexibility in thinking and judgment, including the ability to place in proper perspective the whole spectrum of activities at Pennsylvania—educational, athletic, and recreational.

8. Sensitivity to the need for adequate communication to and relations with the alumni and other publics, and a willingness to assist in fund-raising in both the private and public sectors, with the understanding that the candidate chosen will not become involved in the direction of business enterprises.

Also, it was pointed out that candidates should have the personal qualities of unquestioned integrity, respect by and for his peers, good health, and "... hopefully a sense of humor."

At the same time the Committee announced the guidelines noted above, nominations for President of the University were solicited in a letter mailed to Trustees, students, and members of the faculty and administration. Nominations from alumni were sought by means of a reprint of the letter in the July 1969 *Pennsylvania Gazette*. It was requested that nominations be directed to the Secretary of the Committee, William G. Owen.

The Criteria Committee was continued as the Search Committee to Advise the Trustees on the Selection of a University President with the additional appointment of one faculty member, Dr. William J. Williams, Professor of Medicine, Chairman elect of the University Senate, who has resigned that post, because of accepting a position as chairman of the department of medicine, in the State University of New York Upstate Medical Center at Syracuse University. The Committee began in September to meet once a week to screen the approximately 200 nominations. Eventually, the field was narrowed to 10 or 12 outstanding nominees and, of these, seven were sufficiently interested in considering the position to engage in daylong visits to the campus to meet with members of the

## Meyerson . . .

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members will be pleased with his personal ability and his dedication to academic excellence. Mr. Meyerson's insights into the issues which face universities today and his approaches to their solutions bode well for the University's setting the mark for higher education in the Seventies."

William D. Patterson, Trustee, President of the General Alumni Society, said, "I know all alumni will be proud of this appointment. Mr. Meyerson is articulate, likable, and has the background to cope with the problems of a large urban university. I am confident that he will be able to communicate well with the alumni and other members of the University family."

David A. Harris, Member of the Search Committee, Member of the Class of 1970 of the College of Arts and Sciences, said, "Mr. Meyerson is a professional educator who has not been corrupted by his profession. There is no rigidity of thinking, no staleness about him—rather, there is an aura of excitement. He is not afraid of change nor is he simply a respondent to the times. He is an idea man, an initiator.

"He has an intense faith in the mission of our universities, yet he is unsatisfied with the impersonal nature of these institutions. He has a devotion to scholarship and excellence; he has proven himself to be an effective and creative administrator, accessible to all the constituencies on campus; he has a social consciousness and more than just a casual interest in the future of our cities and the role the urban university should play."

In announcing Mr. Meyerson's resignation from the Buffalo presidency, Dr. Samuel D. Gould, chancellor of the State University of New York system, said, "Martin Meyerson's decision to leave the presidency of the State University at Buffalo is accepted by me with deep regret.

"Under his leadership, the University Center there has made outstanding progress both in lifting the levels of academic excellence and in administrative effectiveness. His ability to attract superior faculty, his reorganization of the academic structure better to serve the university's goals, and his introduction of a new style of governance are contributions adding greatly to the intellectual endowment of a fine institution.

"I hope President Meyerson feels a sense of satisfaction from his efforts at Buffalo, and I wish him a similarly rewarding measure of success in his new endeavor."

selection committee, Trustees, and senior University officers. A final priority list of the preferred candidates was submitted to the Executive Committee of the Trustees on December 19, 1969.

## History Department Sponsors Black History Lectures

A series of guest lectures in Black history is being presented this semester under sponsorship of the department of history. The programs, which are coordinated by Theodore Hershberg, are scheduled for 4 p.m., in Room 200, College Hall, with the exception of the April 13 lecture by Dr. Eugene Genovese, which will be given in B-6 Stiteler Hall.

The schedule of lectures follows.

February 18: "The Age of Washington and DuBois," by Dr. Louis Harlan, professor of history at the University of Maryland and editor of the Booker T. Washington Papers there.

March 18: "Race Riots in Historical Perspective," by Dr. Elliott Rudwick, professor of sociology at Kent State University.

April 1: "Some Socioeconomic Aspects of the Contemporary Urban Scene," by Dr. Homer Favor, professor of economics and director of the Urban Studies Institute at Morgan State College.

April 8: "CORE: From Interracialism to Black Power, 1942-67," by Dr. August Meier, professor of history at Kent State University.

April 13: "Class and Nationality in Black America: A Socialist View," By Dr. Eugene Genovese, professor of history at the University of Rochester.

April 22: "The Black Militant Movement," by Playthell Benjamin, visiting lecturer in African and Afro-American history at the University of Massachusetts.

## Dr. Harnwell and Dr. Goddard Receive Awards of Merit

President Harnwell and Provost Goddard were honored with presentation of the annual Alumni Awards of Merit by the General Alumni Society at the traditional Founders' Day luncheon January 17 in the University Museum.

A tribute to Dr. Harnwell and to Dr. Goddard, was presented by Dr. George W. Taylor, who is Harnwell Professor of Industry in the Wharton School of Finance and Commerce. The awards were presented by William D. Patterson, president of the General Alumni Society and a 1943 graduate of the Wharton School. All previous recipients of the award were invited to the luncheon.

The Award of Merit citation to Dr. Harnwell reads, "The General Alumni Society presents its Alumni Award of Merit to Gaylord P. Harnwell who has led the University through seventeen of the most demanding years in the history of higher education...and has made these the proudest years of all for Pennsylvania and its alumni."

The citation on the Award of Merit to Dr. Goddard reads, "The General Alumni Society presents its Alumni Award of Merit to David R. Goddard who as Provost since 1961 has infected the faculties and the University community with his own zest for intellectual adventure...and the alumni with his own exciting vision of Pennsylvania's high place in the world of learning."

## Gunnar Myrdal to Give Jayne Lectures in March

Dr. Gunnar Myrdal, professor of international economy at the University of Stockholm, will give the Jayne Lectures on the topic of "Critical Views of the United Nations" on March 3, 6 and 10, under sponsorship of the University and the American Philosophical Society. Each lecture will be held at 8:30 p.m., in the University Museum auditorium.

Dr. Myrdal's theme in the lectures will be the significance of intergovernmental agencies. He is widely known for his 1944 study, *An American Dilemma: The Negro Problem and Modern Democracy*. His most recent book is *Challenge to Affluence*.

Dr. Myrdal has served in many positions in the Swedish government and, from 1947 to 1957, was executive secretary of the United Nations Economic Commission for Europe.

This series of lectures was established by the Jayne Memorial Fund as a memorial to Henry LaBarre Jayne for the promotion of university teaching in the fields of the sciences, literature and the arts.

## G. Holmes Perkins to Retire As Fine Arts Dean in 1971

G. Holmes Perkins has announced his intention to retire as Dean of the Graduate School of Fine Arts in June 1971. He has been Dean since 1951 and will continue as professor of architecture.

A former chairman of the department of regional planning at Harvard University, Perkins was president of the Philadelphia Housing Association from 1954 to 1956 and chairman of the Philadelphia City Planning Commission from 1958 to 1968.

## Herbert Callen Chosen Senate Chairman-Elect

The University Senate unanimously elected, at its January 13 meeting, Dr. Herbert Callen, professor of physics, as its new chairman-elect. Dr. William J. Williams, professor of medicine, had resigned as chairman-elect because he is accepting a position as chairman of the department of medicine at the State University of New York Upstate Medical Center at Syracuse University.

In other action, the Senate tabled, by voice vote, a motion which would have authorized its chairman to invite representatives from the *Daily Pennsylvanian*, WXPB and other persons as he would deem appropriate to observe at particular Senate meetings.

## Career . . .

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During this period he also served the American Council to Improve Our Neighborhood (ACTION) as executive director of research, and later he was made president of this organization and has been vice chairman of its board since 1961.

He joined the Harvard University faculty in 1957 and was Williams Professor of City Planning and Urban Research from 1957 to 1963, acting dean of the Graduate School of Design in 1963, and director of the Massachusetts Institute of Technology—Harvard Joint Center for Urban Studies from 1959 to 1963.

He was professor of urban development and dean of the College of Environmental Design at the Berkeley campus of the University of California from 1963 to 1966, and acting Chancellor in 1965.

Mr. Meyerson was born in New York City in 1922. He received an A.B. degree from Columbia University in 1942 and a

Master of City Planning degree from Harvard University, where he was a Wheelwright Fellow, in 1949.

He has served a variety of governmental commissions and panels as a member and consultant, including UN missions to Japan, Indonesia, Yugoslavia; Commission on Economic Development, Housing Panel White House Office of Science and Technology 1962-63. He was the author of *Politics, Planning and the Public Interest* (with E. C. Banfield) 1955; *Housing, People and Cities*, 1962; *Face of the Metropolis*, 1963; and *Boston: The Job Ahead*, 1966.

His memberships in professional organizations include the American Academy of Arts and Sciences, American Association for the Advancement of Science, American Society of Planning Officials, American Institute of Planners, American Society of Architectural Historians, and the American Society of Public Administration.

Mr. Meyerson and his wife, Margy, have three children: Adam, 16; Laura, 14; and Matthew, 6.

## Press Comments on Meyerson Election

Coverage by national publications as well as editorial comment by local newspapers has been extensive on the election of Martin Meyerson as President of the University.

*The Philadelphia Inquirer* in an editorial on January 30, said: "Not only is Mr. Meyerson an expert on urban affairs, but he has demonstrated an awareness of the important role that the University must play in the city. . . . We welcome Mr. Meyerson back to Philadelphia, we wish him a long and rewarding association with the university and the city."

*The Evening Bulletin* in a January 29, editorial stated: "Mr. Meyerson seems especially qualified to head a prestige university in a troubled big city at this moment in history. . . . Such is his reputation that Penn students lately petitioned in behalf of his candidacy. . . . It's nice to know that candidates of the quality of Mr. Meyerson and the others who were being considered are still interested in running colleges these days after the discouragements of recent years. It is a testimonial to the institutions and to the men."

*The Philadelphia Daily News* stated in a January 30, editorial: "For our part, we welcome the choice of Meyerson as an indication that the university is looking to the future and not attempting to live in the past. The new president is reported to be a 'urbanologist'. For one of the nation's great schools, located smack in the middle of one of the nation's great cities, there could hardly be a better recommendation."

## War Condemnation Poll Results Presented

A referendum of University Senate members, conducted after the October 29 meeting, indicated by a vote of 377 to 355 that they desired a statement concerning the Vietnam War be circulated on which individual members could express their opinions.

The text of this statement is: "We, the undersigned, condemn the continuing military involvement in Vietnam and call for the immediate withdrawal of all American forces from that country, and demand a reversal of national priorities away from militarism in all its guises and toward a social reform in this country."

A total of 328 members of the Senate have indicated, as individuals, that they subscribe to this statement. Also, 229 Senate members have indicated their disagreement, as individuals, with this statement.

In addition to the indications of agreement and disagreement in the informal poll, 93 Senate members abstained while 13 returned the poll with indication of approval of individually modified forms of the statement.

In "The Week in Review" section of *The New York Times* on Sunday, February 1, education writer Fred M. Hechinger said: "Mr. Meyerson, who was dean of the College of Environmental Design at Berkeley before the environment became a political slogan, links the renaissance of the universities with the renaissance of the cities."

*NEWSWEEK* in its February 9, issue said: "As college presidents go, Martin Meyerson is one of the hottest properties in academe. . . . Meyerson was clearly pleased to return to Penn. 'I have had roles in the renaissance of the city of Philadelphia and in the parallel renaissance of the university,' he said. 'The history of these involvements makes it one of the few places in the world for which I would leave Buffalo.'"

## Senate . . .

(continued from page 2)

will serve to communicate to any interested member of the University or the public the subject of the work being carried on in that project.

On the matter of service projects (University contracts or grants supporting services which are not and do not purport to be research) the Senate recommended that the University Council set up mechanisms to consider this area and to formulate general policies and procedures, if they are needed.

The Senate accepted the recommendation of the Joint Council-Senate Committee for Implementation of University Policy on the Conduct of Research Programs that this committee be reconstituted as a Standing Special Subcommittee of the Committee on Research of the University Council but preserving the present relationship to the Council as well as the Senate regarding the direct reporting by the Implementation Committee and that two students (one an undergraduate and the other a graduate or professional school student) be added to the Committee.

The Senate resolved concerning the Quadripartite Commission on University-Community Development "its deep concern that adequate solutions be found to the structural problems raised by the Senate Advisory Committee with respect to the Quadripartite Commission, and also that the Senate maintain a continuous interest in the substantive efforts of the Quadripartite Commission, as well as in the cooperative activities involving the University and its surrounding community." The Senate also accepted "with thanks for its diligent work" the report of the Senate Advisory Committee on the February 1969, College Hall "Sit-In".

## Appointments and Promotions Of Faculty Announced

New faculty appointments include Dr. Evan H. Turner, adjunct professor of art history; Dr. Vincent McHale, assistant professor of political science; and Dr. Ira O. Wade, visiting lecturer in Romance languages (for the spring semester).

Appointed to positions in the Schools of Medicine and Dental Medicine were Dr. James R. Harp, assistant professor of anesthesiology; Dr. Kappiareth Gopa Nair, associate professor, and Dr. I. Nahib Abdou, assistant professor, of medicine; Dr. Oscar A. Ross, assistant professor of pathology; and Dr. Joseph G. Coslet, assistant professor of periodontics.

New promotions in the School of Medicine include Dr. John R. Williamson to professor of biophysics; Dr. George R. Green and Dr. Francis H. Sterling to assistant professor of clinical medicine; Dr. James J. Cerda and Dr. Marvin L. Sachs to assistant professor of medicine; Dr. Thomas R. Hedges to associate professor of ophthalmology; and Dr. Walter L. Eaton to assistant professor of radiology.

Dr. Francis A. Castano of the School of Dental Medicine was promoted to assistant professor of operative dentistry. Dr. David B. O'Connor in the Graduate School of Arts and Sciences was promoted to assistant professor of Oriental studies.

## Jefferson Fordham Named University Professor of Law

In recognition of his distinction in the field of law, Dean Jefferson B. Fordham of the Law School has been named University Professor of Law effective July 1, upon his retirement as Dean.

In May 1969, when he announced his intention to retire as Dean, Mr. Fordham stated that he wished to devote full time to the teaching of law, as well as to research and community service. His primary interests are generally in the fields of urban affairs and local government. He has been Dean at the Law School since 1952.

The newly-created University Professorships recognize senior faculty members who are distinguished in their fields of scholarship who have contributed much to the life of the University, particularly as administrators. They may also be awarded to an occasional distinguished professor in order that he or she might be freed of routine departmental duties.

Dr. and Mrs. Philip George wish to thank the many colleagues and friends who have expressed sympathy to their family on the death of their son, Francis. Their thoughtfulness and concern is deeply appreciated.

## Wharton Joins Group to Expand Business Education for Minorities

The Wharton School of Finance and Commerce is one of nine graduate schools of business and management which have joined to form the Council for Opportunity in Graduate Management Education (COGME) with the assistance of a \$1 million grant from the Alfred P. Sloan Foundation.

This council will work to encourage minority students to enter management careers through graduate education in business, by increasing the awareness among minority group members of the relevance of master's degree programs as the professional-school link between undergraduate education and actual work in management. COGME will broaden the base of financial support for minority group students through a program of graduate fellowships and will help the participating universities strengthen their existing programs for members of minority groups.

COGME has been conceived as an organization of limited life through which the participating schools will cooperate in increasing the enrollment of minority students in graduate management programs over the next five years. The Sloan Foundation grant will sustain it through the first year while it seeks substantially larger funds from other sources.

"We are especially impressed by the depth and significance of the Sloan Foundation's plan for COGME," Dean Willis J. Winn of the Wharton School commented. "The Foundation's officials are trying not merely to increase the number of black graduate students; they have included counseling on curriculum for the colleges in which these students do their undergraduate work. Also COGME is to bring in some advice to the graduate schools on adapting their program to meet the needs of these minority group students. We have 33 black students enrolled now in our two-year master of business administration degree program, an increase of about 20 from last semester. Our goal for next year, with the assistance of COGME, will be to greatly expand the educational opportunities for minority students in the Wharton Graduate Division."

Dr. Samuel Sapienza, Vice-Dean of the Wharton School and Director of the Graduate Division, said, "In the Graduate Division, we recognize that some changes in program will be needed as minority group enrollment rises. Two years ago, our students formed their own organization, Business Practices Services, in which our graduate students share their business know-how with entrepreneurs in the urban

area. This organization is led by some of our black students, and it so impressed our faculty that a new course, the Enterprise Developmental Laboratory, was introduced into the curriculum a year ago to increase the learning experience for those consulting with black business concerns. This is the kind of creative interface between urban problems and educational patterns that COGME can foster within the cooperating business schools."

Thomas Settle, Director of Admissions for the Wharton Graduate Division, said, "The students think that worthwhile management careers are closed to them. Most of us know that that is not true now. COGME will be working with black students as early as their sophomore year in college to encourage them to aim for careers in management of private business concerns and public organizations. From my visits with black students on college campuses, this area of career selection seems to me to be the place in which COGME counselors will make their most important contribution."

"Enrollment in graduate programs is a particularly important way of widening opportunity for management careers," said Arthur L. Singer, Jr., vice president of the Sloan Foundation. "The minority community does not have its supply of young men and women who receive their training informally, by means of business experience beginning immediately upon graduation from college. To the minority student, the accreditation represented by the MBA degree may be the essential starting point of a managerial career."

COGME expects that the anticipated expansion of minority representation will require adjustments by the schools themselves.

By the end of COGME's existence, currently seen as some time in 1975, the Sloan Foundation expects that each school will be able to continue activities of this kind without a joint effort of this magnitude.

The chairman of COGME is Dr. John W. Hennessey, Jr., Dean of the Amos Tuck School of Business Administration of Dartmouth College. A chief operating executive will be appointed shortly. It will be based at Columbia University in New York.

Other members are the graduate schools of management of the University of California, Berkeley; Carnegie-Mellon University, Columbia University, Cornell University, Dartmouth College, Harvard University, Massachusetts Institute of Technology, and Stanford University.

## Staff Appointments Announced At University Hospital

Reorganization of top administrators at the Hospital of the University of Pennsylvania has been announced by executive director Ralph L. Perkins. Kenneth N. Wenrich, HUP assistant director since 1963, has been named associate director of the Hospital.

Named new assistant directors of the Hospital are William J. Flaherty, B. Saunders Midyette, and Barry Stupine.

Mr. Flaherty has served as assistant to the executive director at University Hospital since 1967. He formerly held administrative posts at Brookdale Hospital Center, Brooklyn, N.Y., and Bellevue Hospital Center, New York City.

Mr. Midyette has been with the Hospital five years, moving up from assistant comptroller to comptroller in 1968. In his new position he retains his former responsibilities, under the title assistant director and comptroller of the Hospital.

Mr. Stupine has served as evening administrator of University Hospital since 1968. Prior to that, he spent a year in administrative training at the Hospital during graduate study for a master's degree in health care administration from George Washington University.

The physician-researcher instrumental in establishing the nation's first viable frozen skin bank has been named chief of plastic surgery at the Hospital of the University of Pennsylvania.

The appointment of Dr. Herndon B. Lehr as head of the division of plastic and reconstructive surgery has been announced by Dr. Jonathan E. Rhoads, chairman of the department of surgery.

Dr. Lehr is now an associate professor of plastic surgery. As an assistant surgeon at University Hospital, he led a research team working under a Hartford Foundation grant that developed a way to freeze skin by preserving it in liquid nitrogen for later grafting onto patients. This work enabled University Hospital to establish the nation's first successful bank for frozen skin in 1965. Dr. Lehr's recent research accomplished under another Hartford Foundation grant, has been with organ preservation and techniques of freezing and thawing human organs to replace diseased or non-functioning parts of the body.

Frank Kermod, who is Lord Northcliffe Professor of Modern English at University College in London, will speak on "The Structures of Fiction" in the Leon Lecture Series at 8 p.m., Friday, March 20, in the new Fine Arts Building auditorium. He is presently a guest scholar at Wesleyan University's Center for the Humanities.

# Leaves of Faculty Members Announced by Provost's Office

One new appointment and over twenty leaves were announced recently by the Provost's Office. Dr. Thomas J. Sargent has been appointed associate professor of economics in the Wharton School. A list of those on leave this semester and what they are doing follows:

Dr. Otto E. Albrecht, associate professor of music, will spend this semester working on several scholarly projects.

Dr. Reavis Cox, professor of marketing and international business, will spend the spring term completing a study of certain aspects of comparative marketing.

Dr. Phillip H. DeLacy, professor of classical studies, is spending this semester completing his project on editing, translating and annotating Galen's *De Placitis Hippocratis et Platonis*.

Dr. Peter G. Earle, associate professor of Romance languages, is conducting research in Salamanca, Spain, this semester in preparation of a book to be entitled *Unamuno and the 19th Century*.

Dr. Irwin Friend, professor of finance has been invited by the University of Minnesota to spend spring term as the first Frederick R. Kappel Professor in business and government.

Dr. Jean D. Gibbons, associate professor of statistics and operations research will spend spring term working on an extensive research project in the field of nonparametric statistics.

Dr. Alan W. Heston, associate professor of South Asia regional studies, will spend January through August doing research in India in conjunction with the joint Penn-United Nations International Comparison project.

Dr. Johannes Ipsen, professor of epidemiology and medical statistics has accepted an Honorary Visiting Professorship at the Institute of Hygiene, University of Copenhagen this spring.

Dr. Paul J. Korshin, assistant professor of English, this spring term is undertaking a study entitled *The Typologies of Neoclassicism* which he hopes will become a book-length study of the influence of theological typology on certain aspects of eighteenth century English literature.

Dr. Richard Lambert, professor of South Asia regional studies and professor of sociology will continue his work this spring for the Social Science Research Council studying Programs in International Studies offered by universities throughout the country.

Dr. Craig C. Lundberg, assistant professor of industry, will take residential training during spring term at Esalen Institute in California to augment his competence in behavioral science programs.

Dr. John W. McCoubrey, professor of art history, is continuing research this semester on the English painter, J. M. W. Turner.

Dr. Donald F. Morrison, associate professor of statistics and operations research will pursue research for a monograph on the analysis of repeated measurements, experiments and other related problems of

multivariate analysis.

Dr. Jeremiah J. O'Connell, associate professor of industry, has accepted a position from January to December at the Centre D'Etudes Industrielles, associated with the University of Geneva, Switzerland.

Dr. George Rochberg, professor of music, this spring will be doing further work  
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## Preservation of Beaches Studied

Engineers in the Towne School of Civil and Mechanical Engineering are devising a flexible, and hopefully economical, system for artificial beach nourishment.

Dr. Iraj Zandi, professor of civil engineering, said the plan stems from the failure of earlier experiments conducted by groups in New Jersey, New York and California, which sought to use natural ocean currents to transport replacement material to the beach. It was recently discovered that the sand dumped offshore in these experiments at Atlantic City and Long Branch, N. J., not only has failed to wash ashore, but has actually remained stationary for more than four years—even while nearby beaches continued to erode.

These "inactive zones" some 20 to 30 feet deep and beyond the surf line are the key factor in the Pennsylvania plan. Because of this phenomenon, sand can be moved in and stockpiled over a field of submerged jet pumps on the ocean floor. High-pressure water, piped to the jet fields by shore-based drive pumps, would then enable the jet pumps to deliver a sand-and-water slurry to the beach through a submerged discharge line. A booster pump, if needed, could help spread the sand on the beach.

This means that once a town installs its fixed offshore jet pump fields, it could share the larger cost of the shore-based power supply and the hopper dredges with neighboring resorts, making the scheme less expensive for all.

In New Jersey alone, notes George Govatos, a graduate research fellow working toward his Ph.D. in water resources on the project, beach protection plans costing many millions of dollars have already been committed to other methods that offer no guarantee of success.

Equally important, perhaps, would be the virtual elimination of the problem where beach protection methods initiated by one town disrupt beaches of other towns. Since offshore structures such as seawalls, bulkheads and revetments or shore-

connected jetties and groins are specifically designed to inhibit wave action and current flow they also interfere with the natural equilibrium of coastal areas (the constant fluctuation between periods of erosion and deposition) and thus often deprive neighboring beaches of sand.

Other weaknesses of structural protection schemes besides only protecting the beach in their immediate vicinity, are that they are extremely costly over great lengths of beach and commit a community's financial resources to a single line of action that may or may not work.

On the other hand, while the submersible jet pipeline also minimizes wave effects, its only limitation is whether or not a suitable stock of sand of the proper grain size is available nearby for economic transportation to the trouble spot. If it is, then it's a simple matter for hopper dredges to stockpile the offshore jet pump fields prior to a severe storm or lengthy period of erosion.

Other advantages include virtually immediate beach restoration after a storm, the support of adjacent beaches through the natural transport mechanism, and the fact that the system requires no major commitment of resources.

The team is also looking into the possibility of developing a movable jet pump field, or setting up a long-distance pumping operation between man-made or natural sand traps and the beaches through a series of booster pumps.

From a design standpoint, both ideas appear to be feasible since the jet pump itself involves no moving parts and relies entirely upon a high-pressure jet of water for its power supply. Its simple construction also permits it to be placed in position in any type of environment.

Finally, studies made to determine the economic and technical feasibility of the new beach nourishment system in terms of available equipment indicate that unit costs would compare favorably with other beach nourishment plans including dredging, trucking and drag scoop methods currently in use.

# Towne School Develops Microbial Culture System

A research team under the direction of Dr. Arthur E. Humphrey, professor and director of the School of Chemical Engineering, is developing a computerized prototype system for environmentally-controlled microbial cultures.

The project is funded by a grant of \$109,015 from the National Institutes of Health. In this new system, a variety of cells will be grown to meet the research needs of either University or National Institutes of Health groups.

Special attention will be paid to production of enzymes, which are the proteins that perform and control chemical reactions in the living cell. Studies will also be made on DNA (deoxyribonucleic acid, the molecules carrying genetic information to the cells); RNA (ribonucleic acid, the basic factor in protein production); ATP (adenosine triphosphate, the energy source for cell production); and NADH (nicotinamide-adenine dinucleotide, the molecule associated with proton-H<sup>+</sup>-transfer in cells).

The prototype will have a 40-liter scale fermentation vessel capable of batch or continuous operations for microbial cell production. It will be equipped for automatic sterilization, programmable temperature control and nutrient additions, as well as controllable acid-base, dissolved oxygen and oxidizing-reducing agent levels. Monitoring systems will be able to perform on line sampling and analysis. At least four evaluation runs will be made to produce microbial cells using at least two environmental control devices in each test. Runs will be set up for: batch production of an enzyme; batch production of a phage (bacteria-destroying organism); batch production of an RNA fraction; continuous production of an enzyme by a single cell system that will be switched to the production of another enzyme through a change in environment.

In the past decade, said Dr. Humphrey, significant advances have occurred to support the biochemical engineer in his pursuit to utilize the catalytic capabilities of the enzyme. Not only have scientists determined the three dimensional structure of several enzymes and obtained evidence of how they function, but they have developed methods for the automatic synthesis of proteins as well. A recent example is ribonuclease, an enzyme with antimicrobial protein properties containing 124 amino acid subunits. It is now also understood how enzymes are produced and controlled in the cell, and a number of "purified" enzymes grown under controlled environmental conditions have been produced in kilo-

gram quantities.

Finally, techniques have been developed enabling scientists to bond enzymes to insoluble carriers chemically, thus stabilizing the enzyme's activity and allowing its repeated use, free of its original cellular environment.

"These advances mean that a great potential exists to employ enzymes for a variety of analytical, therapeutic, industrial and household uses," said Dr. Humphrey.

Perhaps the most widely-known present commercial application of enzymes is the marketing of proteolytic enzymes for use in detergent compounds. Other enzyme applications include modification of starches for baking and brewing, clarifying fruit juices, tenderization of meats, and the production of synthetic penicillins.

Future applications appear even more promising, especially in chemical analysis and as chemotherapeutic agents to control metabolic upsets in the body caused by

disease or mental illness.

The use of the enzyme asparaginase to control certain types of cancer by regulating the metabolism of the cancer cell has received considerable attention recently. It now appears that enzymatic catalysis may afford relief from ailments ranging from schizophrenia to the aches and pains of the common cold.

Dr. Humphrey said, "Over 1,300 different enzymatic reactions have been identified and catalogued, but a simple bacterial cell has the ability to express almost 3,000 reactions, and the total number of all enzyme-catalyzed reactions in human cells may exceed 100,000.

"One of the important challenges to the engineer of the future will be to obtain better kinetic models for enzyme behavior and to use them to obtain optimal schemes for his own enzyme systems."

## University Operates Facility Of Edison Electric Institute

The Edison Electric Institute has transferred to University operation its Philadelphia AC/DC System Operation Laboratory, which is located in the Institute's building on Walnut Street east of 33rd Street.

The facility which was constructed in 1965 will be known as the Power Transmission Research Laboratory. Its director will be Dr. Cornelius N. Weygandt, professor of electrical engineering in the Moore School, which will staff and operate the laboratory.

Dr. Weygandt said that the Laboratory will augment the School's present program in the power industry field and will be used for undergraduate and graduate education and research, principally in the key areas of power system stability and the operation of high voltage direct current transmission systems.

Dr. John G. Brainerd, director of the Moore School, pointed out that use of direct current transmission is returning to this country's power industry because of certain technical advantages it offers which outweigh conversion (to alternating current) costs at the terminal.

This facility was constructed by Edison Electric Institute in 1965 to investigate the problems of interconnecting high-voltage alternating and direct current transmission lines. It contains the first large-scale model of a parallel AC/DC system, including DC converter control equipment.

## Leaves...

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on his Third Symphony, commissioned by the Juilliard School of Music, as well as completing work for the celebration of Jerusalem to be given as part of the Israeli Music Festival and composing a new work for a festival of his chamber music sponsored by the School of Music of the University of Washington.

Dr. Harry A. Scarr, assistant professor of sociology, will spend spring term preparing a monograph with the noted anthropologist, Mrs. Florence Kluckhorn, relating to alternative patterns of value orientations.

Dr. Sandra Scarr, assistant professor of education, will accompany her husband on his semester leave.

Dr. Stephen Turnovsky, assistant professor of economics, is on leave this year as visiting associate professor of economics at the University of Toronto.

Dr. Claude Welch, professor of religious thought, will devote this spring and next fall conducting a study of graduate education in the field of religion on a grant from the Henry Luce Foundation given through the American Council of Learned Societies.

Dr. Wayne L. Worrell, associate professor of metallurgy and materials science this spring is undertaking some kinetic studies of surface reactions at elevated temperatures in the Nuffield Research Group at the Imperial College of Science and Technology, University of London.

## Dr. Alfred Buehler Is Dead, Headed Public Finance Center

A leading tax educator, Dr. Alfred G. Buehler of the Wharton School of Finance and Commerce, died January 12, after a short illness. He was 69.

For 28 years, Dr. Buehler served as professor of public finance at the University. He joined the faculty of the Wharton School in 1939 as associate professor of political science and was named a full professor in public finance three years later.

Dr. Buehler had a long record of public service on state tax study groups. In 1952, Gov. Fine named him Chairman of Pennsylvania's Tax Study Commission. As a result, he was co-author of the volume on "Pennsylvania's Tax Problem," published in 1953. Two years later in 1954, Gov. Fine again called on Dr. Buehler to head a 20-member commission to study federal-state relations on financial assistance, disaster relief, and unemployment compensation.

In 1963, Gov. Scranton placed Dr. Buehler as vice chairman of a 27-member commission to review Pennsylvania state taxes. In the present administration, Gov. Shafer named Dr. Buehler in 1967 as a member of the commission on the impact and equity of state and local taxes.

Dr. Buehler was the author of several textbooks on taxes, including *Public Finance* (1936), *General Sales Taxation* (1932) and *The Undistributed Profits Tax* (1937). He was also co-author of a volume on *Property Taxes in Connecticut* (1959).

Dr. Buehler was founder and director of the University's Public Finance Center. Through the Center, he organized an annual Tax Conference which attracted officials, accountants and attorneys to study current federal, state and local tax problems.

Long a leader in business groups, Dr. Buehler was a member and past president of both the National Tax Association and the Tax Institute of America.

Friends of Dr. Buehler have established a fund to carry on the work of the Public Finance Center.

## Deans . . .

(continued from page 2)

tinues in that position. Prior to that, he had been director of the Laboratory for Research on the Structure of Matter since 1960, and had been named Dean of the Graduate School of Arts and Sciences in 1968. Dr. Hobstetter is a professor of metallurgical engineering and received the Award for Distinguished Undergraduate Teaching in 1959.

Dr. O'Kane is a former chairman of the graduate group in microbiology, who has taught here since 1947.

## Among other things . . .

### APPOINTMENTS:

DR. PHILIP GEORGE, chairman of the department of the history and philosophy of science and professor of chemistry, has been named to the Woodrow Wilson Fellowship Selection Committee for Region IV.

DR. STEPHEN B. LANGFELD, associate chief of the University's unit of the Greater Delaware Valley Regional Medical Program for heart disease, cancer and stroke, has been elected a director of the Pennsylvania Heart Association.

### Dr. Francis Philbrick and Dr. Goldie Faith Are Dead

Dr. Goldie B. Faith, emeritus professor of social work who retired in 1962, died December 23. She was 73.

Mrs. Faith had taught at the School of Social Work since 1934 and received the degrees of master of social work in 1937 and doctor of social work there in 1950.

Dr. Francis S. Philbrick, emeritus professor of law who retired in 1947, died January 11. He was 93.

Dr. Philbrick had been a member of the Law School faculty since 1929. He held a Ph.D. degree in history (Harvard, 1902) as well as a bachelor of laws degree (Columbia, 1913). He also had taught at the law schools of the University of California, Northwestern University and the University of Illinois. He was the author of *The Rise of the West: 1754-1830*, published in 1965 by Harper & Row as part of its New American Nation Series.

### Trustees . . .

(continued from page 3)

is a Fellow of the Benjamin Franklin Associates in Annual Giving.

Several other changes in membership of the Trustees also were announced. Term Trustees John A. Mayer and James M. Skinner, Jr., have been named Life Trustees. Mr. Mayer, a Trustee since 1955, is chairman and chief executive officer of Mellon National Bank and Trust Co., Pittsburgh. Mr. Skinner, retired President of the Philco Corp., has been a Trustee since 1960.

Life Trustees Henry B. Bryans and Orville H. Bullitt have been named Emeritus Trustees for life. Mr. Bryans, retired President of Philadelphia Electric Co., has been a Trustee since 1942. Mr. Bullitt, former President of the Beaver Coal Corp., has been a Trustee since 1939, and is a past chairman of the Philadelphia Orchestra Association.

DR. ADOLF KLARMANN, professor of German and general literature, has been elected the first president of the newly-founded American Council for the Study of Austrian Literature.

### AUTHORS:

DR. MARTIN OSTWALD, professor of classical studies, is the author of *Nomos and the Beginnings of Athenian Democracy*, published by the Clarendon Press of Oxford University Press.

DR. JOHN O'M. BOCKRIS, professor of chemistry, is co-author (with A. K. N. Reddy) of *Modern Electrochemistry*, published by Plenum Press.

IAN L. MCHARG, professor and chairman of the department of landscape architecture and regional planning, is author of *Design with Nature*, published by Doubleday/Natural History Press.

DR. A. ORVILLE DAHL, professor of botany and director of the Morris Arboretum, has contributed a chapter, "Wall Structure and Composition of Pollen and Spores," in *Aspects of Palynology* published by John Wiley & Sons.

DR. ENOS E. WITMER, emeritus associate professor of physics, is author of an article, "The Electron Rest Mass as a Universal Mass Constant for Nuclei and Elementary Particles," in *Scientia*, Series VII, Vol. CIV, 1969.

### TRAVELERS & SPEAKERS:

DR. STUART W. CHURCHILL, who is Carl V. S. Patterson Professor of Chemical Engineering, discussed "The New Engineering Student" at a January meeting of the south Jersey section of the American Institute of Chemical Engineers. He also wrote an article, "Theories, Correlations and Uncertainties, for Waves, Gradients, and Fluxes" which describes the Chemical Engineering 640 course, for the fall 1969 issue of *Chemical Engineering Education*, as one of nine outstanding graduate courses in the field.

DR. DAVID M. ROBB, professor of the history of art, gave four Martin Lectures in January at Oberlin College on "The Classical Tradition in Western Medieval Manuscript Illustration."

DR. M. ROY HARRIS, assistant professor of Romance languages, read a paper on "Fin'Amor and Fals'Amor in Marcabru's Poetry" at the annual meeting of the Modern Language Association in Denver in December. He also has received a grant for the 1969-70 academic year from the American Philosophical Society to work on a 13th century Provencal translation of the New Testament.

### Among other things . . .

DR. PAUL M. LLOYD, associate professor of Romance languages, lectured on "The Notion of 'Cause' in Phonetic Change" at the annual meeting of the Linguistic Society of America in December.

DR. IRAJ ZANDI, associate professor of civil engineering, presented a paper on "Design Procedure for Slurry Pipelines" to the Conference on Hydraulic and Pneumatic Material Handling Systems in Pittsburgh in December. He was co-author of a paper entitled "Beach Nourishment from Offshore Sources" (with G. Govatos) presented at the annual meeting of the American Shore and Beach Preservation Association in Atlantic City.

DR. VUKAN R. VUCHIC, assistant professor of civil engineering, gave a report on "The Minicar Transit System—Description and Evaluation of a New Concept" at the annual meeting of the Highway Research Board of the National Research Council in Washington in January.

DR. ROBERT L. PFALTZGRAFF, JR., assistant professor of political science, served during the fall of 1969 as a public member on the Board of Selection of the U.S. Information Agency.

DR. LEONARD NANIS, associate professor of chemical engineering, lectured on "Transient Mass Transport" at California Institute of Technology in December.

DR. ALAN L. MYERS, associate professor of chemical engineering, spent five months at the Institute of Physical Chemistry of the U.S.S.R. Academy of Sciences in Moscow under the sponsorship of the Inter-Academy Exchange Program of the U.S. and U.S.S.R. Academies of Sciences. While there he gave a paper on "The Problem of Inertness of

Adsorbents." At Moscow State University, he gave a paper on "The Statistical Mechanics of Adsorption of Liquids."

DR. RUTH L. WIDMANN, assistant professor of English, spoke on "Use of the Computer in Historical Collation of Multiple Editions of Texts" at the annual meeting of the Modern Language Association in Denver in December. Dr. Widmann is the special editor for the New Variorum *Midsummer Night's Dream*.

DR. F. HILARY CONROY, professor of history, gave a paper on "The Strange Diplomacy of Admiral Nomura" at the annual meeting of the American Philosophical Society in Philadelphia in November. Also that month he spoke at a

### Statement Is Issued On Yale-NCAA Dispute

On Jan. 16, the Athletic Advisory Council stated that "the University is and has been in sympathy with Yale University's decision to play Jack Langer. We believe the National Collegiate Athletic Association (NCAA) decision not to sanction the Maccabiah basketball games was a grievous error.

"Pennsylvania's primary obligation is to protect the opportunity of all University teams and players to fulfill their promise in intercollegiate competition. Two University students, Steve Bilsky and Alan Cotler, at some personal sacrifice, chose not to participate in the Maccabiah basketball games in order that the eligibility of all University teams and players not be placed in jeopardy.

"Pennsylvania will continue to do all within its power as an NCAA member to see that the NCAA ruling on the Maccabiah games is reversed."

conference on "Peaceful Change in Modern Society" sponsored by the Hoover Institution at Stanford University, and gave a paper there on "Man's Natural Desire for Peace: Historical and Philosophical Foundations." In December at the annual meeting of the American Historical Association in Washington he chaired a discussion on "Laos and Vietnam: The Continuing Crisis."

DR. ADOLF KLARMANN, professor of German and general literatures, lectured on "The Expressionist Writer and the Political Mission" in January in Vienna at the invitation of the Austrian Society for Literature.

### University Press Book Wins Prize for History

A book published by the University of Pennsylvania Press, *The Private City: Philadelphia in Three Periods of its Growth*, has won one of the highest annual awards of the American Historical Association.

The book, written by Sam Bass Warner, Jr., professor of history at the University of Michigan, was awarded the Albert Beveridge Memorial Prize at the group's annual meeting in Washington in December. This prize is presented for the best book in English on the history, since 1492, of the United States, Canada, or Latin America.

The three sections of *The Private City* encompass the periods 1770-1780, "The Eighteenth Century Town"; 1830-1860, "The Emerging Big City"; and 1920-1930, "The Industrial Metropolis".

The Albert Beveridge Memorial Prize was established in 1927 through the American Historical Association by the widow and friends of Sen. Albert J. Beveridge of Indiana (1862-1927), who had served in the U.S. Senate from 1899-1911 and had written several works of history.

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