

UNIVERSITY of PENNSYLVANIA



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Dr. Harnwell Sees a University Grown Greater for Wider Service

The University's full-time student enrollment will increase from its present level of 10,000 to one of 12,000 to 15,000 during the next decade, President Harnwell predicted in his annual message late in February.

The 16-page President's Message indicated also that Pennsylvania plans an investment of up to \$200,000,000 in the same period to create a "total environment for learning."

Also contemplated, said the report, are "a faculty strengthened in every discipline" and "a residential university where students and scholars learn and live together in an atmosphere of shared intellectual enterprise."

"Just ten years ago," the President commented, "such a proposal would have seemed incredible. Today the University regards it as realistic and imperative."

In the past decade, said Dr. Harnwell in looking back to the beginnings of his regime, the University's operating budget has almost tripled, to about \$75,000,000; endowment has more than doubled, to \$86,000,000, and 45 major construction projects have been completed, increasing plant value 100 per cent to a present total of \$111,000,000.

Faculty salaries have doubled and scholarship aid tripled in the same period, he continued. Research contracts and grants have grown to \$26,000,000 a year—more than the total University budget in 1951-52.

Entitled "An Instrument of National Purpose," the Message characterized Pennsylvania as one of the few universities "old enough, flexible enough, and close enough to the centers of population to exert a direct influence on major segments of society."

As large institutions, he said, universities such as Pennsylvania can mobilize great resources of minds and means in many fields; as enterprising institutions, they extend the boundaries of education and research against the encroachments of massive mediocrity; and as international institutions, they can export American experience to areas "where knowledge is more precious than bread."

The report emphasized that the University's primary function, education, remains unchanged. "Pennsylvania's principal role," said Dr. Harnwell, "is still a wise tongue conversing with an eager ear." Undergraduates, brighter and better prepared each year, find at Pennsylvania a cur-

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School of Dentistry Dedicates New Main Operative Clinic

One of the nation's largest and most modern dental clinics, the School of Dentistry's new Main Operative Clinic at 40th and Spruce Sts., was dedicated with fitting ceremony on Wednesday, February 19.

Arlin M. Adams, State Secretary of Public Welfare, gave the principal address at exercises over which Dr. David R. Goddard, Provost of the University, presided. Other participants were President Harnwell; Dr. Lester W. Burket, Dean of the School of Dentistry; Dr. Richard Skidmore, president of the Dental Alumni Society; Dr. George A. Coleman, University Trustee; Dr. Albert Goho, general chairman of the school's Leadership Campaign; Vincent A. Parisi, president of the Dental Class of 1964, and the Rev. Stanley E. Johnson, University Chaplain.

Covering a quarter of an acre and housing 131 dental chairs and operating units, the new clinic was built in the shell of the old one and re-equipped at a cost of more than \$1,000,000. Money for the purpose came primarily through gifts from alumni and faculty. The new facility provides the primary clinical training ground for junior and senior dental students. Other smaller clinics in the school teach specialized work, such as prosthetics and orthodontics.

New custom-designed equipment, air-powered and adjustable to both high- and low-speed operation, gives the clinic a versatility and a capacity for the utilization of modern technological advances which are believed to be unequalled. The clinic is under the direction of Dr. Robert E. DeRevere, Clinical Professor of Operative Dentistry.

Prior to the dedication, dental research and clinical techniques were demonstrated to some 400 guests over the school's closed-circuit television system. The day's program concluded with a dinner at the Bellevue-Stratford Hotel, sponsored by the Dental Alumni Society. Dr. I. S. Ravdin, the principal speaker, discussed the development of dentistry as an integral part of the University's Medical Division.

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Committee Named to Study Policy on Athletics, Phys. Ed.

Under the chairmanship of a Philadelphia attorney, a 12-member survey committee was named early this month to help study the formulation and direction of the University's physical education and athletic programs.

Ernest Scott, a senior partner in the law firm of Pepper, Hamilton and Scheetz and a University Trustee, announced that his committee will consist of four representatives each from the Trustees, faculty, and alumni. The Trustee members were appointed by Wilfred D. Gillen, Chairman of the Trustees; faculty and alumni members were named by President Harnwell upon nomination respectively by the University Council and Faculty Senate in the case of the faculty members, and by directors of the General Alumni Society, and directors of the Varsity Club in the case of alumni members.

Besides Scott, Trustees on the committee will be G. Foster Sanford, Jr., '28, president of Smyth, Sanford and Gerard, New York insurance firm; James M. Skinner, Jr., '36, general chairman of the Alumni Annual Giving Program, and Robert L. Trescher, '34, Philadelphia attorney.

Faculty representatives will be Dr. R. Jean Brownlee, Dean of the College for Women; Dr. James E. McNulty, Associate Professor of Industry; Dr. Ralph C. Preston, Acting Vice Dean of the Graduate School of Education, and Dr. Landon C. Burns, Jr., Assistant Professor of English.

Representing the alumni will be D. Hughes Cauffman, '40, Philadelphia architect and currently president of the Varsity Club; Francis Hopkinson, '37, Philadelphia attorney; J. Bartow McCall, '52, an assistant vice president of the First Pennsylvania Banking and Trust Co., and Bernard E. Berlinger, Jr., '60, a production engineer.

Plans for the survey were announced in December by the executive board of the Trustees. The action was in line with a policy established in 1954 which recommended that Pennsylvania's physical education and athletic programs be reviewed at appropriate intervals in the light of changing circumstances and conditions.

DR. DEISCHER HONORED BY CHEMISTS

Dr. Claude K. Deischer, Assistant Chairman of the Department of Chemistry, was honored February 6 by the Philadelphia chapter of the American Institute of Chemists for his outstanding contributions to the chemical profession.

Dr. W. E. Hanford, president-elect of the American Institute of Chemists, presented an Honor Scroll to Dr. Deischer following a dinner at the Sheraton Motor Inn.

DENTAL CLINIC *(Continued from Page 1)*

Construction of the clinic took place over two consecutive summers, to avoid disrupting clinic operation during the school year. In the summer of 1962 the three-story ceiling of the old clinic was lowered, and power equipment and air-conditioning units were installed in the vault which the lowered ceiling provided. New wall covering and modern windows and lighting fixtures also were installed.

Last summer the long lines of dental chairs, cabinets, and operating units, dating back to the early 1930's, were removed. For better teaching conditions, and for the comfort and privacy of clinic patients, the new equipment was grouped in partitioned bays of 12 chairs each, with an instructor in charge of each bay.

Philadelphia Foundation Benefits Four University Units

Four units of the University were among the recipients of 80 grants to local agencies, announced recently by the Philadelphia Foundation as part of its semi-annual distribution of funds.

Among the benefactions were \$13,000 to the School of Social Work, for participation in a Philadelphia experiment in Services to Children and for fellowships to study the problems of University City; \$8,200 to the School of Veterinary Medicine, for a fellowship in advanced research in Dairy Science; \$7,000 to the Crown and Bridge Clinic of the School of Dentistry, to buy laboratory equipment, and \$10,000 to the Law School, for its physical development program.

Established in 1918 to manage charitable trusts, the Philadelphia Foundation has as its purpose to promote charitable, educational and civic activities in the greater Philadelphia area. Donors of many of the funds held by the Foundation have designated specific purposes or institutions with emphasis on fields of local health and welfare. In the case of unrestricted funds, the Foundation has full discretion in making grants from their income.

Federal Period Furniture at HUP Antiques Show in April

Furniture of the Federal period will be featured at this year's University Hospital Antiques Show, to be held at the 103d Engineers Armory, 32d St. and Lancaster Ave.

The show will be open from 12 noon to 10 P.M., Tuesday, April 21, through Friday, April 24, and from 10 A.M. to 3 P.M. on Saturday, April 25. General admission is \$1.50 daily.

Sponsored annually by the Board of Women Visitors of the Hospital of the University of Pennsylvania for the hospital's benefit, the show will include exhibits by 54 East Coast antiques dealers. The first of several special events will be a preview on Monday evening, April 20.

Visitors to the show may make advance reservations for luncheons which will be served Tuesday through Friday between 12 noon and 2 P.M. A luncheon donation of \$5.00 will include admission to the show. A snack bar will be open Tuesday through Friday from 2 P.M. to closing and, on the final day, from 10 A.M. to 3 P.M.

Advance reservations must be made for all special events, which can accommodate only a limited number of persons. Tickets for these events may be reserved by written request, with check enclosed, mailed to:

University Hospital Antiques Show,
Box 256, Bryn Mawr, Pa.

The preview on April 20 will include a reception and dinner, to be held at the Armory from 5 to 9 P.M. The donation for the preview is \$25.00.

On Wednesday, April 22, Milo M. Naeve, registrar of the Henry du Pont Winterthur Museum, will lecture on Philadelphia Federal furniture. A luncheon will follow. Reservations, including luncheon, are \$7.50.

Guided tours of four historic homes in the Society Hill area are scheduled for Thursday and Friday.

Mrs. Moreau D. Brown, president of the Board of Women Visitors, is chairman of the show.

Appointments, Promotions, Leaves, Retirements Listed

The appointment of Dr. Britton Chance to the newly created post of Eldridge Reeves Johnson Professor of Biophysics in the School of Medicine heads a list of nearly 40 promotions, appointments, leaves, resignations, and retirements announced by the University since the start of the current semester. Others are:

Appointments — By the College: Dr. Charles C. Fries, of the University of Michigan, to be Visiting Lecturer in Linguistics; Dr. Moises Levy, of U.C.L.A., Assistant Professor of Physics since January 1; Dr. George C. Schoolfield, of the University of Cincinnati, to be Professor of Germanics, effective July 1 next; and Dr. Alexandra Ionescu-Tulcea, reappointed Assistant Professor of Mathematics for three years, effective July 1, 1965.

Law School: Dr. Stefan A. Riesenfeld, of the University of California, to be Visiting Professor of Comparative Law.

School of Chemical Engineering: Dr. William C. Forsman, to be Assistant Professor, and Dr. Alan L. Myers, to be Professor, both of Chemical Engineering. Both are recent Ph.D.'s from this University.

Graduate School of Fine Arts: Dr. Russell L. Ackoff, of Case Institute of Technology, to be Visiting Professor.

Moore School: David B. Smith, formerly a vice president of the Philco Corporation, to be a Visiting Professor of Electrical Engineering; Dr. Stanley A. Briller of the School of Medicine, to be Assistant Professor of Electrical Engineering for two and one-half years, effective February 1.

Graduate School of Medicine: Dr. David Myers, Philadelphia specialist in deafness and diseases of the ear, to be Professor and Chairman of the Department of Otolaryngology; Dr. Morton Amsterdam, to be Chairman of the Department of Prosthetic Dentistry; Dr. Joseph A. Witkowski, of the School of Medicine, to be Assistant Professor of Dermatology for three years effective July 1 next.

University Hospital: Miss Julia Talmadge, to be Director of Nursing Service; Miss Ann Machlan, to be Director of the Hospital School of Nursing.

Promotions — By the College: Dr. William Blitzstein to Professor of Astronomy; Dr. Sidney A. Bludman to Professor of Physics; Dr. Max E. Caspari to Professor of Physics; Dr. Donald Fitts to Associate Professor of Chemistry; Dr. Donald Langenberg to Associate Professor of Physics; Dr. William M. Protheroe to Professor of Astronomy, and Dr. Robert J. Rutman to Associate Professor of Chemistry, all effective July 1 next.

Moore School: Joseph Bordogna to Assistant Professor of Electrical Engineering; Dr. Morris Rubinoff to Professor of Electrical Engineering, and Dr. Michael P. Smyth to Assistant Professor of Electrical Engineering.

School of Medicine: Dr. James R. Harris to Clinical Assistant Professor of Psychiatry from January 1, 1964, to June 30, 1966; Dr. Samuel McDonald McCann to Professor of Physiology; Dr. Erwin R. Schmidt, Jr., to Assistant Professor of Orthopedic Surgery for three years, and Dr. Edward M. Sewell, to Assistant Professor of Pediatrics for three years, all effective July 1 next.

Graduate School of Medicine: Dr. Henry Brody to Associate Professor of Pathology; Dr. David K. Detweiler to Professor of Physiology, Department of Veterinary Medical Sciences, and Dr. James E. Nixon to Assistant Professor of Orthopedic Surgery for three years, all effective July 1.

Leaves of Absence — By the College: Dr. Gerard J. Brault, Associate Professor of Romance Languages, academic year 1965-66 to undertake a new critical edition of the *Chanson de Roland*; Dr. Kalyana T. Mahanthappa, Assistant Professor of Physics, academic year 1964-65, to work at the Institute of Advanced Study, Princeton; Dr. George O. Seiver, Professor of Romance Languages, spring term, 1963-64, reasons of health.

Wharton School: Dr. Paul Davidson, Associate Professor of Economics, academic year 1964-65, to accept a visiting appointment at the University of Bristol, England; Dr. Richard A. Easterlin, Professor of Economics, fall term, 1964-65, to develop the final draft of a work entitled, "Research Study of Labor Force Trends and Projections in the United States."

Retirements — From the College: Dr. H. A. Alsentzer designated Emeritus Associate Professor of Chemistry, and Dr. Wallace M. McNabb to be Emeritus Professor of Chemistry, both effective July 1 next.

School of Allied Medical Professions: Miss Helen S. Willard, designated Professor Emeritus of Occupational Therapy, effective July 1 next.

Resignations — From the College: Dr. Nelson Goodman, Professor of Philosophy, to teach at Brandeis University; Dr. Morton Keller, Associate Professor of History, to teach at Brandeis.

From the Wharton School: Dr. Robert G. Cox, Vice Dean, to become Dean of the School of Business Administration at Syracuse University.

DR. HARNWELL *(Continued from Page 1)*

riculum revised to meet their broader interests, he added, while the University's extra-curricular programs in the past year have translated "knowledge into action" on a grand scale.

"Our activities delved into the past, reached into the future, and spread through the community out across the nation and the globe," he said. Among them he listed archaeological expeditions in Guatemala, the Middle East, Italy, and on the floor of the Mediterranean; seminars for aerospace industry executives; research in new methods of energy transfer, and medical missions overseas.

The University, he went on, continues to exert leadership in the development of University City. He described its "Big M" program (for motivation), aimed at raising the educational sights of Pennsylvania's teen-age neighbors, a program in which undergraduates serve as volunteer tutors in nearby high schools, and in which high school sophomores are brought to the campus as motivation in preparing themselves for college admission. The program helps to make the area a better place for faculty and staff members to live, as demonstrated by the fact that 753 University families and individuals now live in University City, as compared to 329 only three years ago.

Among the ways in which the University serves the nation, Dr. Harnwell listed operation of the Population Studies Center, possibly America's most advanced program for studying internal migration within the country; the Management Science Center of the Wharton School, and the lending of its brainpower to the solution of national problems such as labor-management relations. Here he alluded directly to the work of Dr. George W. Taylor, newly appointed Harnwell Professor of Industry, who recently received the Presidential Medal of Freedom for his role in nationwide labor arbitration.

Among Other Things

CONGRATULATIONS: To *Dr. David R. Goddard*, Provost, who was elected recently to the board of directors of the American Association for the Advancement of Science, and to *Dr. Henry J. Abraham*, Professor of Political Science in the Wharton School, on his recent election as President of the Fellows in American Studies for 1964-65.

APPOINTMENTS AND HONORS: *Dr. Theresa I. Lynch*, Dean of the School of Nursing, was elected recently to membership on the Professional Education Committee of the American Cancer Society. On April 7 at a dinner at the Sheraton here, the Philadelphia section of the American Association of Clinical Chemists will confer its first John Gunther Reinhold Award on *Dr. John G. Reinhold*, former Professor of Clinical Biochemistry at University Hospital and since 1962 Chairman of the Department of Biochemistry at the American University in Beirut . . . The appointment of *David B. Smith*, Visiting Professor of Electrical Engineering at the Moore School of Electrical Engineering, as the New Technical Director of the Northeastern States Navy Research and Development Clinic, was announced late in February . . . *Mrs. Lydia L. Shipley*, Assistant Professor of Nursing, has been appointed consultant to a three-year National League for Nursing project on programmed instruction in rehabilitation nursing.

OUR AUTHORS: *Dr. Surinder K. Mehta*, Assistant Professor of Sociology and Research Associate in Population Studies, is the author of *Population Redistribution and Business Structure and Location Patterns, Rhode Island, 1929-1958*, recently published by the Brown University Press for the Small Business Administration . . . *Notes on Some Figures Behind T. S. Eliot*, a new book by *Dr. Herbert Howarth*, Associate Professor of English, has just been published by the Houghton Mifflin Co. . . . *Dr. Sidney Weintraub*, Professor of Economics, has just had published a volume on *Intermediate Price Theory*, issued by the Chilton Co. . . . A paper by *Dr. John E. Diamessis*, Associate in Electrical Engineering at the Moore School, on "The Identification Problem in Linear Systems" was accepted in February for publication in the Proceedings of the Athens Academy of Sciences, Greece.

TRAVELERS AND SPEAKERS: *Dr. Vincent H. Whitney*, Chairman of the Department of Sociology, spoke February 7 at Columbia University on his experiences and observations while participating December 10-20 in the U.N.-sponsored Asian Population Conference at New Delhi, India. *Dr. Dorothy S. Thomas*, Research Professor of Sociology, served as a U.N. expert at the same conference. She is currently Visiting U.N. Professor at the Demographic Training and Research Center in Bombay . . . *Sol Worth*, Director of Documentary Film in the Annenberg School of Communications, has been invited to deliver a paper on "Film-making as an Aid to Action Research" at the 23d annual meeting of the Society for Applied Anthropology, being held in San Juan, P. R., March 22-26.

Dr. Emily H. Mudd, Professor of Family Study in Psychiatry, is spending March and April in Australia and New Zealand, where she has been invited by the National Marriage Guidance Councils to aid in the selection and training of counselors for their clinics . . . *Dr. Cornelius W. Gillam*, Professor of Business Law, attended a Workshop on the Political and Social Environment of Business at the University of California, Berkeley, January 26-February 1

. . . *Dr. L. A. Girifalco* of the School of Metallurgical Engineering, presented a paper at the Solid State Theory Conference sponsored recently by the Soviet Academy of Sciences in Moscow . . . *Morris L. Cohen*, Associate Professor of Law and Biddle Law Librarian, addressed an Institute for Law Librarians of the Philadelphia area of "Reference Work in Law Libraries" on March 21 . . . Papers are to be presented this week by *Drs. Y. H. Ku* and *David W. C. Shen*, of the faculty of the Moore School of Electrical Engineering, at the I.E.E.E. International Convention being held in New York City March 23-26 . . . *Miss Mary Rieser*, Assistant Professor in the School of Nursing, and *Dr. J. Martin Myers*, Associate Professor of Psychiatry and Medical Director of the Pennsylvania Institute, attended the first National Conference on Medical and Nursing Practice in a Changing World, held in Williamsburg, Va., February 13-15.

Professors Norman Brown, G. R. Belton and C. G. Durdaller of the School of Metallurgical Engineering, presented papers at the annual meeting of the American Institute of Mining, Metallurgical and Petroleum Engineering, held recently in New York . . . *Dr. James E. McNulty*, Associate Professor of Industry, spoke on "Education and the Manager of the Future" before the Philadelphia chapter of the Society for the Advancement of Management on February 18 . . . *Dr. Ruth E. Smalley*, Dean of the School of Social Work, attended a recent meeting in Chicago of the Practice Commission of the National Association of Social Workers . . . *Dr. Rosa Wessel*, Vice Dean of the same school, presented a paper on "Practices and Problems in the Selection and Development of Faculty" at the annual conference of the Council on Social Work Education, held January 30 at Toronto, Canada . . . Others of the school's faculty who participated were *Dean Smalley*, *Dr. Joseph Soffen*, and *Dr. Renee Berg*.

Dr. Wilfred Malenbaum, Professor of Economics, spoke recently on "Modern Theories of Growth in Traditional Societies" at an India Day convocation at Kansas State University, Manhattan, Kansas . . . *Dr. H. L. P. Resnik*, Instructor in Psychiatry, represented the Mental Health Association of Southeastern Pennsylvania at the first annual training institute on suicide prevention, held in Los Angeles by the Suicide Prevention Center of U.C.L.A.

Dr. Hadley L. Conn, Jr., Associate Professor of Medicine, served as co-chairman of a symposium on the cellular basis for the action of cardiac drugs, sponsored by the Heart Association of Southeastern Pennsylvania, at the Sheraton Hotel, February 27-28 . . . An editorial by *Dr. J. Russell Elkinton*, Professor of Medicine, in the February issue of *Annals of Internal Medicine*, discusses the relatively new practice of transplanting kidneys and other human organs from a healthy person to an ailing one.

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