



# Almanac

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## Graduate School 75th Anniversary to Feature Conferences

In his address at the University's Mid-Year Convocation last February, President Harnwell noted that "we are undertaking during the months ahead to pay appropriate recognition to the 75th birthday year of the Graduate School of Arts and Sciences."



Roy F. Nichols

Prompted by this remark, we dropped into the offices of Dr. Roy F. Nichols, Vice provost and Dean of the Graduate School, to get a glimpse of the shape of things to come.

"The anniversary comes at an opportune moment for self-appraisal," said Dr. Nichols. "The Graduate School was originated seventy-five years ago with just twelve men, thirteen departments, and four students. It has since grown to a School of 1700 students and 50 departments, with significant recent developments in interconnecting disciplines such as Biochemistry, Biophysics, South Asia, and Ameri-

can Civilization. Now, at a time when the Educational Survey is reaching a point of conclusion, it seems useful to pause for stocktaking, to look back at what we have accomplished for the purpose of weighing our techniques and achievements, and to look forward, in the light of critical illuminations, to a future of even greater methodological effectiveness and intellectual reward."

Three major events are planned for the celebration. The first will be an all-day Faculty meeting on May 28th during which carefully planned discussions will be organized to deal with two major questions. These are: (1) Are the present objectives of the Graduate School sound and sufficiently inclusive? And if not, (2) How can the Graduate School meet its objectives more efficiently?

"We have already sent these questions to department Chairmen," said Dr. Nichols, who is supervising the arrangements for the anniversary celebration, "and have received some interesting and valuable advance answers. These will, of course, be reported to the Faculty for their consideration. Members of the Educational Survey, along with distinguished visitors from other institutions, will be present for these discussions, out of which, it is hoped, will emerge ideas and programs that we shall be able to implement for the bettering of our teaching and research functions."

A luncheon will be tendered to the Faculty. Later, the Alumni Association of the Graduate School will hold a dinner for graduating students, after which a distinguished speaker, to be selected, will talk to Faculty, alumni, and students, on the subject of "The Future of Graduate Education."

Nor is this all. "We are now at work organizing two two-day conferences for next October and November. The October meetings are intended to deal with the relationship of basic research in the physical and biological sciences to the citizen. We aim to develop an intensified public awareness of the need for increased moral and material support of training for basic research in all of these sciences. We hope that the formal papers—perhaps seven in all—and the panel discussions will stimulate people to think more about the necessity for

## Endowment Leaders and U. of P.

A recent study of sixty-three private university endowments made by Vance, Sanders and Co. of Boston reveals that Pennsylvania is ranked eleventh in the country. Its total endowment is close to \$80,000,000.

At the top of the list is Harvard with a little better than a total of \$500,000,000 followed by Yale with better than a quarter of a billion dollars. The other leaders in order are Chicago with \$169,000,000; Northwestern, \$140,000,000; Massachusetts Institute of Technology, \$138,000,000; Rochester, \$137,000,000; Princeton, \$132,000,000; California Tech, \$105,000,000; Cornell, \$105,000,000; and Johns Hopkins, \$88,000,000.

Corporations attracting university investment include Standard Oil of New Jersey (most popular, with 51 universities investing), General Electric, Eastman Kodak, Christiana Securities, and duPont.

(Continued on page two)

### **Graduate Anniversary** (Continued)

basic research than they are now doing. To achieve this purpose, we shall bring together the groups that are essential to gaining such an objective, scientists in universities and other institutions engaged in basic research, representatives of the press, radio, and television, and government officials on local, state, and federal levels."

The general public will be invited to attend all sessions except those luncheon and dinner meetings that must necessarily be limited to invited guests.

The conference proceedings will be published by the University Press.

Assisting Dr. Nichols in the complicated arrangements that will bring about two hundred distinguished participants to the campus is a committee consisting of the following members: Dr. Carl C. Chambers, Vice President for Engineering; Dr. Britton Chance, Chairman and Professor of Biophysics; Dr. David R. Goddard, Director of the Division of Biology and Professor of Botany; Dr. Samuel Gurin, Chairman and Professor of Biochemistry; Dr. Charles C. Price, Chairman and Professor of Chemistry; Dr. William E. Stephens, Professor of Physics; and Dr. S. Reid Warren, Professor of Electrical Engineering.

The third event in the celebration program will be a two-day conference on the social sciences and the humanities, to be held sometime in November. Dr. Robert E. Spiller, Chairman of American Civilization, and Chairman of the subcommittee arranging the details of the conference, has defined its purpose as follows in a memorandum to the Vice Provost: "As the physical and natural sciences are concerned primarily with the nature of the physical universe and with the physical nature of man, the humanities and social sciences are concerned with man's views and evaluations of himself and his destiny as expressed in his cultures and civilizations. This second conference, therefore, seeks to re-examine the principles and methods of higher study of civilizations; their present forms, their traditions and developments, and their prospects. Many of the hypotheses and much of the methodology of research and teaching in the humanities and social sciences have become outmoded and ineffective. Are we asking the right questions and are we using the best possible methods toward achieving understanding and evaluation of the basic data in these fields? Do we have the most realistic sense of values? What changes in thinking, working, and teaching are indicated?"

### **Two Morning Sessions**

The first day of the conference, assigned to the Social Sciences, will be devoted to two morning sessions featuring papers on "The Physical and the Social Sciences" and "Human Behavior and the Social Sciences." The afternoon sessions will feature papers on "Mathematics and the Social Sciences" and "Philosophy and the Social Sciences." The second day, to be devoted to the Humanities, will present, in the morning, "The Classical Heritage and Modern Scholarship" and "The Heritage of Asia and Asia Today"; in the afternoon, "The Tradition of Western European Culture" and "Twentieth Century Civilizations and Cultures." After dinner on the second day, the committee plans to conduct a panel review and summary of the conference proceedings.

Dr. Nichols expects that the principal papers of this conference, too, will be published by the University Press.

The committee members working with Drs. Nichols and Spiller on the November conference are: Dr. W. Norman Brown, Chairman of South Asia Studies and Professor of Oriental Studies and Sanskrit; Dr. Thomas C. Cochran, Professor of History; Dr. W. Rex Crawford, Chairman of Latin American Studies, Director of the Institute of Humanistic Studies for Executives, and Professor of Sociology; Dr. Lloyd W. Daly, Dean of the College and Professor of Classical Studies; and Dr. Kenneth Setton, Director of Libraries and Professor of History.

## **Faculty Salary Raise Indicated**

Tuition increases ranging from \$50 to \$150 a year will become effective in most of the University's schools next fall.

"The additional income realized from these adjustments," President Harnwell said, "will be utilized primarily to accord with the recommendation of President Eisenhower's Committee on Education Beyond the High School 'that the absolute highest priority in the use of available funds be given to raising faculty salaries as substantially as may be necessary to . . . provide the teaching profession with an equitable share of our best talent and abolish the faculties' hidden subsidy to education.'"

Increased financial aid, said Dr. Harnwell, in the form of tuition grants and scholarships will be given students already in or preparing to enter the teaching profession.

"These changes," the President continued, "are the result of exhaustive studies of the physical and academic needs of each school, the charges of comparable institutions, and the recommendation of such authorities as President Eisenhower's Committee that independent universities should adopt realistic tuition rates."

Dr. Harnwell pointed out that the adjustments in the University's tuition income do not equate tuition with the cost of instruction. "Our total income from tuition will continue to defray only half the cost of student education. In order to provide such education we shall continue as in the past to draw upon gifts, endowment income, and public support in an amount at least equal to total tuitions."

## **New Engineering Course Planned**

Dr. Carl C. Chambers, Vice-President for Engineering Affairs, announces that the School of Civil Engineering will offer a new course of study in engineering mechanics next fall.

The course is designed to prepare engineering students for creative activities in technical fields.

"The pressures of a modern, highly technological society have been causing a change in the function of an engineer from that of an artful technician to that of an applied scientist," says Dr. Chambers. "Moreover, since there are large gaps in the pure sciences that have either accidentally or purposefully been neglected by the pure scientist, it is now necessary for the engineer, or applied scientist, to fill in whatever fundamental information is required as the occasion demands. It is in keeping with these needs that the School of Civil Engineering has started the undergraduate curriculum in engineering mechanics as a complementary curriculum to the highly successful graduate program in the same field."

## Letters to the Editor

DEAR SIR:

Last fall we asked the Personnel Department to tabulate the number of eligible members of the Faculty and Administration who were not participating in the University's Contributory Income Plan. This plan has been arranged with the Teachers Insurance and Annuity Association and the individual has the option of putting up to one-half of the annual contributions into the College Retirement Equities Fund. Dr. Ford has prepared the following table, which speaks for itself:

PARTICIPATION IN RETIREMENT INCOME PLAN				
	Number Participating	Number Eligible	%*	%**
Professor	235	257	92%	92%
Associate Professor	126	159	79%	79%
Assistant Professor	98	178	55%	52%
Other Instructional Staff	39	129	30%	32%
Administration and Professional	88	150	59%	69%
<b>TOTAL</b>	<b>586</b>	<b>873</b>	<b>67%</b>	<b>73%</b>

\* Percentage of participation based on eligible personnel.

\*\* Percentage of total eligible base salaries participating in program.

Dr. Ford concludes by stating that the eligible non-participating instructional personnel represent a total base salary of \$1,573,880, or at 7½% an additional potential contribution expense to the University of \$118,050.

Should everyone who is eligible join the plan and contribute 5% of his base salary, the University budget would probably be unbalanced a bit. However, it would seem unfortunate if anyone who is eligible for the plan failed to participate because he was unaware of its existence or because he had forgotten to join.

It does seem rather remarkable that this amount of money for Faculty benefits should remain unclaimed because individuals are unwilling to contribute 5%. I believe the comparable figure three years ago, when the Senate was studying the matter, was essentially the same, so that it would appear that valid reasons existed for leaving these funds with the University.

If any additional member of the Faculty or Administration, who is now eligible but who is not participating, wishes to participate he should get in touch with Dr. Ford's office.

The eligibility rules are as follows:

Fully-affiliated and fully-salaried senior administrative officers and faculty members with the rank of Assistant Professor who have attained the age of thirty years are eligible to participate immediately upon appointment. All other administrative and professional personnel and instructional staff members in the ranks of Associate and Instructor are eligible to participate beginning July 1 following the attainment of age of thirty years and the completion of three years or more of service.

I would appreciate it if this letter could be published in THE ALMANAC so that the information would come once again to the attention of members of the Faculty and the Administration.

Sincerely,  
JONATHAN E. RHOADS  
Provost

## New Gift to Donner Center

The William H. Donner Center for Radiology received a \$150,000 endowment gift from the Donner Foundation at the recent dedicatory ceremonies of the new million dollar structure. Robert Donner of Colorado Springs, Col., son of the late William H. Donner and President of the Donner Foundation, presented the check to Dr. Harnwell.

"I know that my father would have been proud, as I am, to know that a center bearing his name will share in the new surge of progress toward eventual elimination of cancer as a threat to mankind," Mr. Donner said.

The \$150,000 gift was in addition to the Foundation's earlier contribution of \$600,000 toward construction of the Center. The Foundation also donated a two million volt x-ray machine.

## Lecture Schedule Planned

The number of public lectures of broad public interest given on the campus is increasing at such a rate that embarrassing situations may arise because two interesting events are scheduled quite inadvertently at the same time. In order that such conflicts may be avoided so far as possible, Provost Rhoads is asking that those scheduling lectures or inviting speakers register their intentions in the Vice-Provost's office by calling Extension 225, or by writing Mr. W. H. Scott at 101 College Hall. A schedule of these events will be organized and possible conflicts of dates immediately pointed out.

## European Flight Planned

A cooperative chartered flight to Europe, organized by the Undergraduate Council, is available to University students, faculty, and personnel and their immediate families. The cost of the round trip is only \$315. For details, call or see Mrs. Turner immediately, Room 117 Logan Hall, Ext. 515.

The flight leaves June 18 from New York with arrival in Amsterdam and returns from Paris on September 6 to New York. The absolute deadline for the necessary \$75 deposit is Wednesday, April 23.

## Pioneers Needed in Education

"Paradoxical as it may seem, I am convinced that the tremendous and terrifying problems which suddenly face higher education in America are fortunate: they make it mandatory for us to examine what we are doing—to reassess our educational philosophy; to adopt new methods and adapt old ones; to find new resources in teachers, facilities, and financing; and in general to play havoc with the status quo. We shall have to solve these problems or higher education will make a steadily decreasing contribution to the welfare of the nation, especially in the quality of its graduates . . . America has need of pioneers, and never more so than now."—Samuel B. Gould, President, Antioch College, in "The College of the Future" from *The Will to Think* (Farrar), edited by Robert Cousins.



## Among Other Things

**INTERIM REPORT:** *The Alumni Annual Giving Fund* is off to a good start, according to figures just released by the Fund Office. Advance donors now number 6404, their gifts totalling \$298,000 as compared with \$288,000 received by the same date in 1957. The alumni seek to raise a total sum of \$650,000 by June 30th (gifts in 1957-58 amounted to \$563,000). Although income from *Annual Giving* is for unrestricted use, the University has stated that a sharp increase would help it continue recent improvement of faculty salaries. . .

**NAMES:** Dr. *A. Irving Hallowell*, Professor of Anthropology, recently elected a Vice-President of the American Association for the Advancement of Science, delivers a lecture entitled "Behavioral Evolution and the Emergence of the Self" at the U.S. National Museum, Washington, D.C., on April 15th. The lecture is one of a series sponsored by the Anthropological Society of Washington in anticipation of the centennial of the publication of *Darwin's Origin of Species* (1959). . . Dr. *F. Elizabeth Flower*, Associate Professor of Philosophy, is a Visiting Associate Professor of Philosophy at Barnard College for the spring semester. . . Congratulations to Dr. *Eugene A. Hildreth, Jr.*, Associate Professor of Medicine, who was one of twenty-five specialists recently named a Scholar in Medical Science by the John and Mary R. Markle Foundation. The Foundation allocates \$30,000 toward the support of each Scholar in his teaching and research pursuits at the rate of \$6,000 a year for five years. . . Dr. *Samuel Noah Kramer*, Clark Research Professor of Assyriology, recently entertained the members of the Lenape Club with an informative slide-lecture on "Archaeology in the Soviet Union." . .

**CLIPPINGS:** *Cecil J. Burnett*, Instructor in Political Science, recently contributed an article dealing with Ivy League football to *Sports Illustrated* magazine. . . According to John Gunther's *Inside Russia Today*, the Soviet Union boasts more than 41,000 teachers of English and more than two million students in college. A Moscow University student is actually paid to go to school. . . The *Raymond Concrete Pile Company* has established an annual award of \$1,000 for an original paper on the subject of "Foundations of Structures." Purpose of the award: to stimulate research and development in the field of Foundation Engineering. Those interested in full instructions may write to Alfred A. Raymond Award, Room 1214, 140 Cedar Street, New York 6, N.Y. . . *Thomas Yoseloff*, Director of the University Press, has acquired the controlling stock of A.S. Barnes & Company, Inc., the country's leading publisher of books on sports and outdoor activities. Mr. *Yoseloff* plans to expand the company's trade publishing interests to general nonfiction, fiction, and juveniles. . . Mrs. *Flora D. Colton*, Head of the Reference Department of the Library, has an article in the Winter issue of *The Library Chronicle* entitled "The Study of Public Opinion Abroad: The Foreign Press in the University of Pennsylvania Library." . .

**QUOTES:** "Dr. Harnwell and I are exceedingly anxious to see at least a 5% increase in the faculty salary budget. This would not mean a 5% raise across-the-board because of a few new positions and certain selective increases, such as that for the assistant instructors. But

it would leave some new money either for very small across-the-board increases, or for more selective increases. As soon as it becomes more certain that there will be some funds available, I plan to request the advice of the Faculty Advisory Committee again."—From Provost *Jonathan E. Rhoads'* recent statement to the University Senate regarding the financial prospects for the University in the academic year 1958-59. . .

**AUTHOR! AUTHOR:** The latest volume in the *Dictionary of American Biography* Series, sponsored by the American Council of Learned Societies, will be published in May by Charles Scribner's Sons. Among its near 600 biographical articles dealing with individuals who died during the five-year period 1936-1940 inclusive are the following ten profiles by University of Pennsylvania authorities: *Albert E. McKinley* (historian and editor), by Dr. Arthur C. Bining, Associate Professor of History; *Walter B. Chrysler*, by Dr. Thomas C. Cochran, Professor of History; *Dr. Lawrence A. Flick* (tuberculosis specialist), by Dr. Frank A. Craig, Associate Director of the Phipps Institute and Emeritus Professor of Clinical Medicine; *Pearl White*, by Dr. Wallace E. Davies, Assistant Professor of History; *T. Wingate Todd* (anatomist), by Dr. Wilton M. Krogman, Chairman and Professor of Physical Anthropology; *William Hope "Coin" Harvey*, (publicist, mine operator), by Dr. Jeannette P. Nichols, Research Associate of Economic History; *Ellis P. Oberholtzer* (historian and journalist), by Dr. Roy F. Nichols, Vice-Provost, Dean of the Graduate School of Arts and Sciences, and Professor of History; *Dr. H. K. Pancoast* (radiologist), by Dr. Eugene P. Pendergrass, Professor and Chairman of Radiology; *William Allen Pusey* (dermatologist), by Dr. Walter B. Shelley, Associate Professor of Dermatology; and *James A. Robertson* (historian and librarian), by Dr. Arthur P. Whitaker, Professor and Chairman of History. . .

**CATCHING UP WITH THE NEWS:** *Dr. Nelson Goodman*, Professor of Philosophy, and his many controversial contributions toward a new understanding of "induction" are the subjects of the lead article in the January 24th issue of *Science* magazine. . . Dr. *Philip R. Trommer*, Instructor of Physical Medicine and Rehabilitation, is this year's recipient of the Distinguished Service Award from the Arthritis and Rheumatism Foundation, Eastern Pennsylvania Chapter. . . A new, revised edition of *Teaching Social Studies in the Elementary School*, by Dr. *Ralph C. Preston*, Professor of Education, was recently published by Rinehart & Co., Inc. . .

**OBSERVATION:** "Education is what remains when we have forgotten all that we have been taught."—*George Savile, Marquis of Halifax* (1633-1695) . . .

### THE ALMANAC

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