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New University Calendar a Two-Year Experiment: Whitney

The new University calendar which went into effect at the beginning of the current academic year is viewed by the Administration as a two-year experiment, and is not to be considered as a preliminary to the adoption of a trimester system, according to Dr. Vincent H. Whitney, Professor of Sociology and Chairman of the Committee on Calendar Implementation and Class Rostering.

"Some persons have assumed that the steps so far taken are preliminary to the adoption of a trimester system," Dr. Whitney said in a letter prepared for distribution to all fully-affiliated faculty members later this month. "Actually, as Provost Goddard has recently stated, 'There are no plans at present to adopt a calendar different from the one now in operation . . . Any change from this pattern would be made only after full consultation with the faculty.'"

Dr. Whitney's statement, which is presented in more detailed form in his letter, follows:

"In May, 1958, President Harnwell appointed a Calendar Study Committee. Its purpose was to determine whether the University calendar then in existence was the most appropriate one both for meeting the needs of students and faculty and for utilizing the University's resources effectively in the light of changing national requirements.

"The Committee undertook a systematic review of the calendar innovations in other schools and their consequences. It considered the advantages and disadvantages of the trimester, two-semester and quarter systems. In particular, it sought out the views of students and faculty members at the University both through a questionnaire sent to all the faculty and to ten percent of the students, and through presentation of its views to the Faculty Senate and other groups.

"Ultimately the Committee recommended a modified calendar providing for two semesters of 15 weeks each plus two consecutive six-week summer sessions. Students who attended the latter could secure credit for four-fifths of a regular term's work. The fall semester would run from just after Labor Day until just before Christmas and would eliminate the 'lost' week of classes in January. The second term would run from mid-January to about May 1. As

suggested broadly in the University survey, final examinations would be given less emphasis in the work of individual courses by dropping formal examination periods at the end of each semester.

"In addition to its educational advantages, the proposed calendar would make possible greater use of space and equipment at the University and would ease the transition to a year-round program if one were ever required by future circumstances.

"These views were presented to over a dozen faculty and administrative groups and were adopted by the Trustees in May, 1960. The new calendar is now in effect but, in line with the Committee's recommendations, it is viewed as a two-year experiment. During this time it will be

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Harnwell, Winn Accept Key Advisory Posts in City

President Harnwell was named by Mayor Richardson Dilworth last week as chairman of a three-man citizens' board of inquiry in the prolonged strike at the Philadelphia plant of the Yale & Towne Manufacturing Company. The board was set up as part of a proposal by the Mayor and Governor Lawrence to end the five-month-old dispute between the company and the International Association of Machinists, which has threatened to erupt into violence with the hiring of new employees by the firm.

Another member of the University administration called upon for public service recently is Dean Willis J. Winn, of the Wharton School of Finance and Commerce. At its year-end meeting on December 28 the board of governors of the Federal Reserve System announced the appointment of Dean Winn as a director of the Federal Reserve Bank of Philadelphia, to serve for a three-year term. Dean Winn will serve under the chairmanship of Walter E. Hoadley, vice president of the Armstrong Cork Co., newly named head of the Reserve Bank here.

"Rhyming Dictionary" Being Updated at Pennsylvania

The "rhyming dictionary" used for centuries by poets and song-writers is at last being updated, in major fashion, on the Pennsylvania campus.

But, as might be expected, the updating isn't for the benefit of song-writers and poets. It's an Air Force project, and it's being done with computers.

Some 400,000 words are being compiled in the new reverse-alphabetized word-list under the direction of Dr. A. F. Brown, Lecturer in the Department of Linguistics. He and his assistants are feeding the contents of an unabridged dictionary and of several technical dictionaries into the computers, which do the reverse alphabetizing.

In the process, the computers reverse each word—making "chivalrous" into "suorlavihc," for instance—and then turn it around again for printing. Thus, although the words will read normally in the finished product, they will be listed by the alphabetical order of their endings.

The uses of such a word-list, says Dr. Brown, are many, although until recently the market was so limited that the only such listing available was "Walker's Rhyming Dictionary," which has a modest 34,000 entries and has been used, since 1775, by you-know-who.

Some of the new uses include the study of speech sounds and derivational forms to help acoustics experts solve perception problems, or teachers to prepare word-lists for their students.

Computers and the computer age were responsible for the change in demand, both because they make such tasks of sorting simple and economical, and because of the development of mechanical translating, which is simply translating from one language to another by machine, and mechanical storage and retrieval. The latter is a "kernelization" process, involving the storage of material in such a way that it can be readily scanned and retrieved by the machine. The reverse-alphabetized list will help to determine how and what words or forms of words are most adaptable for such processes.

Clinical Research Group Holds Session on Campus

More than 800 physicians and scientists engaged in clinical research throughout the eastern United States attended the annual meeting of the American Federation for Clinical Research, Eastern Section, at the University Museum on Thursday and Friday, January 11-12.

They heard E. Northcote Parkinson, famed British originator of "Parkinson's Law," discuss the application of that whimsical concept to the field of medical research, and listened to a panel discussion of "Government Financing in Medicine and Medical Research," at which the panelists were Dr. I. S. Ravdin, the University's Vice President for Medical Affairs and president-elect of the American Cancer Society; Boisfeuillet Jones, special assistant for health and medical affairs to the U. S. Secretary of Health, Education and Welfare; Joseph Hinsey, director of New York Hospital, and Dr. A. S. Relman, research professor of medicine at Boston University School of Medicine.

These programs were in addition to 29 scientific papers presented on behalf of 81 research investigators from eight states, Canada and Denmark.

Educational Council to Hear Report on Development Plan

President Harnwell and Dr. David R. Goddard, Provost, will present a preliminary report of the Joint Committee on the Integrated Development Plan at the next meeting of the Educational Council, to be held Tuesday, January 23.

The meeting, scheduled for 4 P.M. in the Benjamin Franklin Room of Houston Hall, will also hear a report on Advanced Placement, and on proposals regarding the titles, qualifications, and terms of appointment for junior members of the instructional and research staff.

The report on the Integrated Development Plan is expected to deal with the results achieved by a committee of the Faculty, Administration and Trustees in attempting to define educational goals in terms of University objectives and fund-raising projects over the next decade. A special meeting of the Council has been scheduled tentatively for April 30, to consider the Joint Committee's final report on the matter.

75th Anniversary Convocation Honors University Museum

The University Museum, home of one of the world's outstanding collections of ancient and primitive art, was honored on the occasion of its 75th anniversary last Saturday, January 20, with a special University Convocation in Irvine Auditorium.

Six men who have made contributions to our knowledge of the history and culture of ancient man received honorary degrees at the hands of President Harnwell as part of the ceremonies.

They included J. Eric S. Thompson, a member of the Faculty Board of Archaeology and Anthropology at Cambridge University, who delivered the principal address. Dr. Thompson is an authority on Maya hieroglyphic writing and author of "The Rise and Fall of Maya Civilization."

Others who received honorary degrees were:

Henry F. duPont, founder of famed Winterthur Museum near Wilmington.

Dr. Ahmed Fakhry, Professor of the History of Ancient Egypt at the University of Cairo and now touring American museums with a collection of treasures from the tomb of King Tutankhamen.

John F. Lewis, Jr., a member of the Board of Managers of University Museum, director of the Philadelphia Art Commission and an Associate Trustee of the University.

Percy C. Madeira, Jr., former president of the Land Title Bank and Trust Company, President of the University Museum's Board of Managers since 1941 and a member of that board since 1930.

Adolfo Molina-Orantes, former Dean of the Law School of the University of San Carlos, Guatemala, and now chief coordinator of the University Museum's training program at Tikal, Guatemala, in collaboration with the Rockefeller Foundation.

The University Museum had its origin in 1887 in a small collection of objects from ancient Assyria, assembled by Dr. Herman V. Hilprecht, Professor of Assyriology at the University. These were displayed in the University Library until the Museum obtained a home of its own at 33rd and Spruce Sts.

Dr. and Mrs. Jacob Leave on Eight-Month World Tour

Dr. Philip E. Jacob, Professor of Political Science, and his wife Betty left the campus December 22 on an eight-month world trip designed to achieve a better understanding of how nations arrive at major policy decisions on international issues.

The tour, financed by a Rockefeller Foundation grant, will take them to six countries which, paired, bear marked ideological and cultural similarities but which have different foreign-policy programs. These are Thailand and Burma, Egypt and Turkey, and Yugoslavia and Poland.

Dr. Jacob, the author of "Changing Values in College" and "Dynamics of International Organization," and his wife, a former special assistant to the executive director of UNICEF, will interview government leaders to determine the underlying values on which they have relied in their critical decisions in international relations.

"My present hunch," said Dr. Jacob upon leaving, "is that a factor of decisive importance in altering policy-determining values is personal exposure of those responsible for policy to unfamiliar experiences or bodies of knowledge which cannot easily be fitted to the established pattern of values within which they have been functioning."

CGS Offers New Series of TV, FM Credit Courses

A new series of television and radio courses for college credit will be presented over Philadelphia stations by the University's College of General Studies beginning late this month.

Beginning Wednesday, January 24, courses in English and History will be given over WCAU-TV, Channel 10.

Dr. William Marshall, Assistant Professor of English, will present English 155-TV, "Major English Novelists of the Nineteenth Century," on Monday, Wednesday and Friday from 6:30 to 7 A.M.

On Tuesday and Thursday, also from 6:30 to 7 A.M., Dr. Hilary Conroy, Associate Professor of History, will present History 192-TV, "History of the Far East."

The courses will end Friday, May 11, and final examinations will be held on the campus on Saturday, May 19.

Radio courses in History and in Russian Literature will be offered on WHYF-FM, at 90.9 on the standard FM band, beginning Monday, January 22. On Monday and Wednesday from 7 to 7:50 P.M., Dr. James C. Davis, Assistant Professor of History, will present History 40b-FM, on "Europe: The Enlightenment and the French Revolution." On Tuesday and Thursday evenings at the same hour, Dr. Anna Pircenok, Assistant Professor of Slavic Studies, will present Russian 32-FM, "The Great Russian Realists." Classes in these radio courses will continue through Thursday, May 3, and final examination, on campus, will be Saturday, May 12.

Students enrolled in any of these courses will receive college credit, which may be applied toward an undergraduate degree in CGS when the student is admitted to degree candidacy. Those wishing to register for credit should write for an application form to: Radio and Television Course, College of General Studies, University of Pennsylvania, Philadelphia 4, Pa.

Campus United Fund Drive Exceeds Quota by 15 Percent

The University raised \$46,137.16 in its United Fund Torch Drive for 1962, to reach 115 percent of its quota, it was announced recently by Donald K. Angell, Vice President and Assistant to the President.

The campaign was conducted during October and November under the joint direction of Professor Louis B. Schwartz of the Law School and C. Windle McMahon, of the Development Department.

Coordinate campaigns carried on at University Hospital and at Graduate Hospital also went over the top.

University Hospital, whose chairman was Marie C. Soreiro, made a total contribution of \$16,213.46 to achieve 102.4 percent of its quota.

Graduate Hospital reached 100 percent of quota with a total contribution of \$8246 under the chairmanship of M. Paxson Laird, assisted by Dr. Irving Breslow.

Vice President Angell pointed out that the chairmen "were assisted by representatives from all divisions of the University," and added that "the success of the campaign is a tribute not only to the generosity of members of the University family but to the zealous endeavor of the solicitors."

School of Dentistry Tops Goal

The School of Dentistry went "over the top" in its \$1,000,000 development campaign, led by the school's alumni, Dean Lester W. Burket announced in December.

Dr. Burket reported that during the two-year drive the school received \$1,025,000 in gifts from its faculty and from some 2300 dental alumni.

Graphic Arts Award Goes To Expedition for Third Year

For the third year in succession EXPEDITION, the University Museum Bulletin, has received the "Best of the Year" award in the Delaware Valley Graphic Arts Printing Week exhibit. The Printing Office also received an Honorable Mention award and had fourteen other entries accepted for the exhibition out of its nineteen entries. About one hundred fifty printers in the Delaware Valley area submitted 1100 pieces in competition.

NEW UNIVERSITY CALENDAR

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studied intensively to determine to what extent its theoretical advantages and disadvantages occur in practice. Students, faculty and administration will all be asked to assist in this evaluation. Meanwhile, special reports on examination procedures and on ways of improving the system of rostering have been made by subcommittees of the new Committee on Calendar Implementation and Class Rostering.

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Among Other Things

APPOINTMENTS: *Dr. John O'M. Bockris*, Professor of Chemistry, has been named Editor of the Journal of Electroanalytical Chemistry, and is also serving as Editor of the English publication, *Acta Electrochimica* . . . *Dr. Morris Hamburg*, Associate Professor of Economic and Social Statistics in the Wharton School, has been selected to serve on a three-man faculty advisory committee in the Ford Foundation's Fellowship Program in Economic Development and Administration . . . *Dr. Henry J. Abraham*, Associate Professor of Political Science, has been appointed a member of the National Screening Committee for Scandinavia of the Institute of International Education, for the selection of candidates in the Fulbright program.

TRAVELERS AND SPEAKERS: On January 12, *Dr. Norman Brown*, Professor of Metallurgical Engineering in the Towne School of Civil and Mechanical Engineering, lectured at Rice Institute in Houston, Texas, on "Temperature Dependence of the Yield-Point in Body-Centered Cubic Metals" . . . *Dr. David T. Rowlands*, Associate Professor of Finance in the Wharton School, traveled recently to Miami, Florida, to present a paper on "An Evaluation of Trends in Real Estate Education" at the 14th annual Real Estate Educational Conference at the University of Miami.

The people at the Moore School of Electrical Engineering also got around: Four of them travelled to Chicago in November to attend the seventh annual Conference on Radio Interference Reduction at the Armour Research Foundation, where *Assistant Professor O. M. Salati* and *Mr. D. J. Lewis*, Associate, presented a paper on "Fresnel Region and Far Field Patterns of a Horn Antenna at Fundamental and Harmonic Frequencies;" *Dr. H. N. Kritikos*, Associate, spoke on "Estimates of the Shadow Region Radiation of Aperture Antennas," and Mr. Lewis joined *Mr. R. J. Doviak*, Instructor, in presenting a paper on "A Sensitive Recording System for Harmonic Pattern Measurements at Microwave Frequencies." Professor Salati was also a member of a panel on Spectrum Signature Techniques at the same conference. He is also the author of an article on "Fiber Optics" in the December issue of the *Chilton* magazine, *Electronic Industries*.

Dr. Alan Rubin, Director of the Office of Health Survey in the Obstetric and Gynecologic Clinic at University Hospital, spoke Dec. 8 at the New York Academy of Sciences Conference on the Cervix in New York City on "Management of Benign Lesions of the Cervix During Pregnancy." . . . *Dr. Alfred Senn*, Chairman of the Department of Slavic Languages and Literatures, delivered two lectures on Slavic civilization and folklore at the University of Montreal in December.

Dr. Alfred Kidder, II, Associate Director of the University Museum, will speak February 12 on the work of the museum at Tikal, Guatemala, at the Delaware County Institute of Science in Media . . . *Dr. Frederic Roll*, Associate Professor of Civil Engineering in the Towne School, took part recently in the second annual Conference on Fundamental Research in Plain Concrete at the University of Illinois. He was also appointed recently chairman of American Concrete Institute Committee 209, on Creep and Volume Change in Concrete . . . *Dr. Duane F. Marble*, Assistant Professor of Regional Science, lectured at Johns Hopkins University on December 7 on "The Structure of Transportation Networks."

No Increase in Tuition Next Year; Some Fees Up

The University's scale of tuition charges will not be increased for the 1962-63 academic year, President Harnwell announced late in December.

The announcement was made following inquiries prompted by recently announced tuition increases at other universities and colleges.

Although tuition charges will not change, Dr. Harnwell continued, a minor upward revision of general fees will go into effect at the start of the 1962 autumn term. These increases will be used primarily to finance compulsory year-round hospitalization and accident insurance for all full-time students.

University officials said the insurance will provide 12-month protection, including vacations and time away from the campus. Full-time students who are now paying for similar insurance on a voluntary basis will find it no longer necessary to do so. Part-time students may elect to be covered by the hospitalization insurance.

Dr. Harnwell said some of the increased undergraduate fee will also help finance the increasing cost of student activities, which the University intends to augment.

Under the new schedule next fall, the general fee for undergraduates will be \$180 annually, compared to the present \$150. Graduate and professional students, who now pay an annual fee of \$100, will pay \$120. The traditional \$5 matriculation fee will no longer be charged.

Freshman dormitory rates, beginning next autumn, will be \$400 annually. The present 49 different rental figures in upper-class dormitories will be reduced to seven rates.

Room rentals at Sergeant Hall, the women's dormitory which is being completely refurbished, will be the same as those in the new Women's Residence Hall. Rates at the latter will not be changed.

Roger Sessions to Give Second of Leon Lectures

Roger Sessions, widely known American composer, will speak on "Contemporary Music and Today's Listener" at University Museum on Tuesday, January 30.

The address, to be presented at 8:15 P.M. in the auditorium of the museum, is the second in the Adolf and Felicia Leon Lecture series sponsored by the College. It is open to the public without charge.

Mr. Sessions, who has distinguished himself both as a composer and writer on music, is the author of "The Musical Experience," an outstanding work in its field.

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