

Almanac

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Seely Resignation

Peter T. Seely submitted his resignation Wednesday (September 25) as dean of admissions. In accepting the resignation, effective immediately, Provost Eliot Stellar said, "In his three years at Penn, Pete Seely has done a good job in organizing the student recruitment and selection procedure of the University, and he and his staff have brought in a splendid class of 1978. I regret that basic differences in policy and in style could not be resolved and have led to his decision to resign. However, I respect the principle upon which his resignation is tendered and I accept it in that spirit.

"Our first priority now must be the appointment of an acting dean to carry the admission cycle through the current year; consultations with key faculty and members of the admissions staff will begin immediately. Next we will appoint a search committee for a new Dean of Admissions to take office in the summer of 1975.

"I want to emphasize that the admissions process and the admissions office remain one of the highest priorities of this administration. I pledge my strongest support for the acting dean and the staff, and will make every effort to find additional funds for the recruitment program. I ask for the wholehearted support for our admissions program from the admissions staff, faculty, students and administration as we seek both the Class of 1979 and a new Dean of Admissions."

The text of Dean Seely's resignation:

September 25, 1974

Since my statement of Friday, September 13,* the Provost and I have had a series of frank discussions relating both to the incident that precipitated my statement and the policies that have in the past controlled, and will control in the future, the policies of the Admissions Office. It has become clear to both of us, irrespective of how the present problem is resolved, that irreconcilable differences over policy exist. I am faced, therefore, with the choice of continuing as Dean of Admissions for the remainder of the school year and operating under these policies, or resigning immediately. I have decided that as a matter of principle I must step down effective immediately. I believe that I can leave at this point in the admissions cycle in good conscience, since this action will allow the University to find someone more in sympathy with these policies, to assume my post. During the three plus years that I have been at Penn, I have had the privilege of being associated with many dedicated and professional people. No more dedicated and professional a group can be found than the members of the Admissions staff. My deepest regret in leaving is that I will not be able to share personally in the attainment of the goals for which they have worked so hard. But I know that they will carry on in the professional manner and with the spirit of determination that has become their hallmark.

—Peter T. Seely, Dean

* A memorandum to the Provost, published in *The Daily Pennsylvanian* September 16, citing controversy with Minority Recruitment Director Carol Black and other issues in budget and procedure. Ms. Black's response and an analysis of admissions by Vice-Dean C.A. (Bill) Brest appeared in the *D.P.* September 17; and further analysis by Dr. Richard Beeman of the Vice-Provost for Undergraduate Studies' staff appeared there September 18.

LRSM: Alan Heeger

Dr. Alan J. Heeger, professor of physics, has been appointed director of the Laboratory for Research on the Structure of Matter. He succeeds Dr. Donald N. Langenberg, who was named vice provost for graduate studies and research in May.

The Laboratory for Research on the Structure of Matter was begun in 1960 as an interdisciplinary center for graduate education and research in metallurgy, engineering, physics and chemistry. Its building at 33rd and Walnut houses ten materials-science research centers, each headed by a faculty member and staffed with postdoctoral and graduate students.

Dr. Heeger's field of research is solid state physics, and he has been associated with LRSM since coming to Penn in 1962. His recent work there has been on superconductivity, the ability of solids to conduct electricity. Most experiments with superconductivity—including the Nobel-prize-winning work of Bardeen, Cooper and Schrieffer—had been carried out at temperatures near absolute zero until a research team led by Dr. Heeger and Dr. Anthony F. Garito observed "fluctuations generally associated with superconductivity" in organic salts at a much higher temperature. Their work was reported to the American Physical Society in March, 1973.

Dr. Heeger received a B.S. with high distinction from the University of Nebraska in 1957 and took his doctoral degree in 1961 from the University of California at Berkeley. He has held a Sloan Foundation fellowship in basic science for research on magnetism in solid state physics and a National Science Foundation grant for research on nuclear resonance in solids. He was awarded a Guggenheim fellowship in 1968.



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Judiciary: Jacqui Pollard

Jacqueline Pollard, executive assistant to the executive director of personnel relations and affirmative action officer in personnel services, has been named Judicial Inquiry Officer for the University.

The post is a new one set up by Council last year. The JIO is an independent officer, appointed by the president, with no fixed term of office. Her responsibilities will be to determine charges, collect evidence, secure witnesses and bring cases before both the Primary Court and the University Court in the University judicial system.

Miss Pollard, a former assistant to the vice-president for academic affairs at Spring Garden College and former assistant purchasing agent at INA, joined the University personnel office in 1971. She developed and launched the women's Careerways conferences held here annually, and is currently setting up a job counseling and placement program in local prisons.

SENATE FROM THE CHAIRMAN

CALL TO MEETING: OCTOBER 30

The regular fall meeting of the Faculty Senate will be held Wednesday, October 30, from 3 to 6 p.m. in Room 102 of the new Chemistry Building, northeast corner of 34th & Spruce Sts. The agenda will tentatively include:

- Report on Early Retirement (*Almanac* September 24, 1974; earlier Senate proposals *Almanac* October 30, 1973).
- Continuation of discussion of changes in Tenure Rules (below).
- Recommendations of the Senate Advisory Committee for *Changes in the Senate Rules* affecting SAC and the Senate Committee on Academic Freedom and Responsibility (opposite).
- Action on the statement of Senate Committee on Academic Freedom and Responsibility on academic freedom of faculties (*Almanac* March 26, 1974).
- Discussion of (1) the Report of the Senate Committee on Administration and academic planning and review committees (*Almanac* March 26, 1974) and (2) the Report of the Senate Committee on Education and financial responsibility centers (*Almanac* April 30, 1974).

—Phillip De Lacy

PROPOSED CHANGES IN TENURE RULES

The following are remaining recommendations of the Senate Committee on the Faculty's Subcommittee on Tenure Rules [Maria Z. Brooks, Chairman], to be voted on at the fall 1974 meeting of the Senate.

Recommendation 3. Service as Instructor or Associate without a terminal professional degree (normally the Ph.D.) should not be counted as part of the probationary period for tenure. However, the probationary period for such persons should begin automatically at the beginning of the academic year following that in which the terminal degree is awarded. It is not intended that this policy should be applied retroactively upon adoption. (*tabled April 25, 1973*)

Recommendation 10

a. For a faculty member without an appropriate terminal degree (as defined by his school), full-time service in the rank of Lecturer shall be limited to three years. However, any school by vote of its faculty may authorize the suspension of this rule in a specified department for a specified renewable period not to exceed five years.

b. During the period in which the rule is suspended, such a faculty member may be retained beyond the third year if the Personnel (Appointments and Promotions) Committee of the school determines that (i) the individual's competence and performance are of an acceptable quality; (ii) the need for his services is a continuing one and (iii) it is in the University's best interests to continue to obtain these services by an appointment of a Lecturer rather than by an appointment at some other rank. A faculty member so retained shall be offered a 3-year contract.

c. Upon the termination of this contract, the person may be retained with the approval of the Dean and Provost if the rule is still under suspension and if the Personnel Committee determines that conditions (i), (ii) and (iii) continue to be met. The individual so retained shall be guaranteed continuity of employment so long as his competence and performance are of an acceptable quality and the need for his services is a continuing one.

d. If it is subsequently desired to terminate an individual whose continuity of employment is thus guaranteed, his department must specify which of the conditions (i) and/or (ii) is no longer met. If the individual believes that the condition specified continues to be met, he may file a grievance with the Grievance Commission or he may request a determination by the Personnel Committee, which shall be binding upon the department.

e. In all cases where termination occurs after two or more years of continuous employment, the Lecturer shall be entitled to twelve months' notice.

Comment. Some schools of the University employ specialists who teach important skills but are not to any substantial degree involved in research. Only in exceptional circumstances as specified in this recommendation should a full-time Lecturer without an appropriate terminal degree be retained for more than three years. It is in the best interests of the University to grant job security for an indefinite period to those few full-time faculty members whose employment in the rank of Lecturer continues beyond the sixth year. It is not the intent of this recommendation to convert tenure-accruing positions into long-term lectureships when Ph.D.'s or equivalently qualified persons are available.

Recommendation 11. Ranks that are by present University regulations excluded from eligibility for tenure (e.g. Lecturer, Visiting Professor, Visiting Associate Professor and Visiting Assistant Professor) should not be given to full-time faculty members holding a terminal professional degree and continuously engaged over an extended period in the same academic activities as faculty members having tenure or serving in a probationary period for tenure. Therefore:

a. Except in the case of individuals presently employed full time as Lecturer, the rank of Lecturer may not be held full time for a continuous period longer than three years by persons with a terminal professional degree. If after the effective date of this rule an individual serves one year or more full time as Lecturer after receiving his terminal degree and is then appointed for the following year to a tenure-probationary rank, the year(s) spent as Lecturer shall count as part of his probationary period.

b. Full-time service as Visiting Professor, or Visiting Lecturer shall be limited to three consecutive years. If an individual who has performed such service after the effective date of this rule is appointed for the following year at a tenure-probationary rank, the time served in one of the visiting professorial ranks after attainment of a terminal professional degree shall count as part of the probationary period.

Recommendation 12. Persons appointed or reappointed after June 30, 1974, to any rank with an antecedent modifier of "research," "adjunct," "clinical," or "visiting" shall not accrue time for tenure (except as provided in 11(b) or be granted tenure in that rank.

Comment. At the present time, the status of the rank of Research Associate is unclear until the above recommendation is passed by the Senate. We recommend, therefore, that those individuals who are in this rank in the sixth year of service be terminated and be issued a one-year terminal contract. If they are to be reappointed thereafter, they should be offered the following options: (1) to accept an appointment in the rank of Research Investigator or (2) to request tenure review with the understanding that they must meet academic qualifications for and in fact be granted tenure and promotion to the rank of Associate Professor, if they are to be retained in a rank other than Research Investigator. If they choose option 1, their benefits in the rank of Research Investigator will be no less than in the rank of Research Associate.

Recommendation 13. Any faculty member, tenured or non-tenured, upon application one full semester in advance, will be granted a reduction of 50% of his University work load if he certifies that the purpose of the reduction is to care for one or more of his children less than six years old.

For persons who elect such half-time service, salary, University contributions to fringe benefits insofar as they are based on the level of salary, and the time which may be spent on consulting for pay will be reduced proportionately.

On the completion of every two years in such half-time service, the tenure-probationary period will be extended one calendar year, except that the probationary period shall not exceed ten years. The mandatory tenure review will occur in the penultimate year.

Comment. This rule will allow the University to hire faculty in a position of tenure or tenure accrual while allowing them to raise a family in the formative years. This proposal does not preclude a person's being hired in the non-tenure-accruing status of partially affiliated.

PROPOSED CHANGES IN SENATE RULES

1. Section 8(a) The Advisory Committee. After the third sentence (ending in the word "contemplated") insert:

In the intervals between Senate meetings, the Advisory Committee may at its discretion act for the Senate on substantive policy issues, subject to the following limitations: (1) it may not amend the Rules of the Senate; (2) it must report all actions on substantive issues promptly to the members of the Senate through publication in the *Almanac* or by other appropriate means and must announce them at the next Senate meeting, whether regular or special; (3) if twenty members protest any such action of the Advisory Committee by written petition within two weeks of its publication, the action will not take effect unless and until it is ratified either at a special meeting of the Senate, or at its next regular meeting, or, at the discretion of the Advisory Committee, by referendum.

2. Section 8(b) The Committee on Academic Freedom and Responsibility. After (ii) add the following:

(iii) The Senate Committee shall perform any duties falling to it under Sections IIIe and VI of the regulations governing grievance procedure, as adopted by the University Council, May 8, 1974.

3. Section 8(b) The Committee on Academic Freedom and Responsibility. After (iii) add the following:

(iv) The Senate Committee shall insure that each faculty has a mechanism for implementing Article VII, paragraph 2 of the Statutes of the Corporation which states "Each faculty shall determine the qualifications for membership in that faculty."

4. Section 8(c) The Nominating Committee. Replace with the following:

There shall be a Nominating Committee of nine members whose function it is to nominate candidates for elections to the Offices of the Senate, the Senate Advisory Committee and the Senate Committee on Academic Freedom and Responsibility. The representatives of the twenty-seven faculty constituencies of the University Council shall each submit to the Senate Secretary, by October 1, one name from his constituency as his choice for the Nominating Committee. All members of the faculty member's constituency are eligible, except members of the Advisory Committee. From the twenty-seven faculty members so selected, the Advisory Committee shall select eight candidates for the Nominating Committee and an additional candidate from the membership of the Advisory Committee. The slate of candidates shall be circulated promptly to the Senate membership. The letter advising the Senate membership of the selections of the Advisory Committee shall also contain an invitation for additional nominations, which shall be accomplished via petitions containing at least twenty-five valid names and the signed approval of the candidate. All such petitions must be received no later than fourteen days subsequent to the circulation of the nominees of the Advisory Committee. Nominations will automatically be closed fourteen days after the circulation of the slate of the Advisory Committee. If no additional nominations are received, the slate nominated by the Advisory Committee would be declared elected. Should additional nominations be received, those nominated by petition have the right to learn the names of all other candidates and withdraw within five days after closing of petition. A mail ballot would then be distributed indicating which nominees were nominated by petition and which by the Advisory Committee. The ballot shall be circulated no later than fourteen days subsequent to the close of nominations. Voting shall be noncumulative, each member being entitled to vote for up to nine candidates. The polls shall be closed fourteen days subsequent to the circulation of the ballots. The Nominating Committee shall be composed of the nine nominees receiving the highest number of votes. In case of ties, decisions shall be by lot. Each person's term shall be for twelve months. The Chairman shall be designated by the Senate Advisory Committee.

Comment

The first, second and fourth proposed changes were prepared by an *ad hoc* subcommittee of SAC consisting of Ralph Amado, Phillip De Lacy, Robert Evans, and William Grigsby, chairman. The third was endorsed by SAC on the motion of the Senate (*Almanac*, April 30, 1974, pp. 4-5).

The fourth change is a modification of a proposal made by an *ad hoc* committee on the Selection of the Senate Nominating Committee (*Almanac*, April 30, 1974, p. 5). The members of that *ad hoc* committee were Louis Girifalco and Benjamin Hammond.

COUNCIL

Getting Started, 1974

At its first fall meeting (Wednesday, September 25) the University Council confirmed Dr. Charles C. Price as moderator for a third year, and heard a series of oral reports to launch the term.

FROM THE PRESIDENT

President Martin Meyerson gave highlights from his statement on financial conditions (*Almanac* September 17) including sources of the 1973-74 deficit; said the Governor's office will develop guidelines on the Sunshine Law's applicability to Council and other such campus bodies; and described the nation's new president as "responsive" to higher education but doubted that higher education should interpret "responsiveness" as increased federal funding.

In response to a Council action in the spring, he proposed that the University plan to fund the projected \$1.3 million renovation of Houston Hall through the forthcoming development campaign, rather than through surcharges to users.

Mr. Meyerson also said the possibility of a National Humanities Center (*Daily Pennsylvanian* September 25) is "very much a gleam in the eye" of its national planners. "If it comes into being, we hope it will be here," he said, "but many others are being considered, and it is still very, very tentative."

He announced that visitors will be here late in November for the periodic Middle States evaluation which he described as a significant opportunity to discuss and analyze our undergraduate and graduate programs—and their relation to each other—with some "very wise people" in higher education nationally. Professor Curtis Reitz is in charge of preparing written materials for the evaluators, and will share them with the campus before the visitors come to meet with faculty and academic administrators.

Mr. Meyerson also announced that the new Presidential Lectures—which begin with Dr. Daniel Hoffman's address October 3 at 4 p.m. in Annenberg School Auditorium—will feature Professor Louis Pollak on December 5, and Dr. Britton Chance early next term.

FROM THE PROVOST

Dr. Eliot Stellar introduced his and the President's written summary of administrative responses to Council actions over the past two years (see pages 5-7). He also reported on the status of four remaining search committees. *Dean of Medicine*: its recent nominee declined Penn's offer of the deanship, and the committee has begun anew. *Dean of Education*: a committee under Dr. Marvin Wolfgang is reviewing the position as well as seeking candidates; Dr. William Castetter serves as acting dean. *Dean of Public Policy*: Curtis Reitz is search committee chairman, and Dr. Almarin Phillips is acting dean while the new Wharton unit is being formed. *Vice Provost for University Life*: last year's committee search ended in a stalemate; a new committee is to be formed, and a new job description devised with the help of the Dean of FAS, Dean of Students and Vice-Provost for Undergraduate Studies. Still another search committee will be formed, he said, upon the formal resignation of Admissions Dean Peter Seely (see page 1).

Dr. Stellar also announced formation of a Task Force on Continuing Education, headed by Donald Stewart, to make proposals on program and structure.

FAS; GRADUATE STUDIES & RESEARCH

Two men appointed to key new academic administrative posts made their first reports to Council, telling how they will approach

their work in the coming "year of transition".

Dr. Donald Langenberg, Vice-Provost for Graduate Studies and Research, is now in 133 Bennett Hall where he carries many of the responsibilities formerly lodged with Acting GSAS Dean Daniel O'Kane, plus responsibility for research in some 30 interdisciplinary centers and other sponsored research. He said GSAS continues as the University-wide body basically responsible for the 60-odd graduate groups of the University, and for the education of graduate students. He put special emphasis on "how we admit, monitor, help, inform and support via fellowships" Penn's graduate students.

One of Dr. Langenberg's present projects is the formation of the Task Force on Graduate Education called for by Council. Nominations of faculty and students may be sent to him.

Dr. Vartan Gregorian, Dean of the Faculty of Arts and Science is in 116 College Hall with responsibility to draw together the College/CW complex with six departments formerly in GSAS and four from Wharton School. He said while a budget and staff structure are being worked out the FAS will have "functional associate deans" to free him to consult widely with faculty and students. The FAS does have its Academic Planning Committee, and is setting up "turf committees" with some professional-school departments to work out future relationships. Other FAS priorities are to convert College committees to FAS committees, harmonize three existing B.A. programs, and work out FAS's relationship with GSAS and the new Vice-Provost for Graduate Studies and Research.

Dr. Gregorian said he has met with a dozen groups concerned with the future of the College for Women and has pledged that FAS will retain "whatever is excellent" in CW including its advising system. In addition he plans a strengthened advising program for FAS as a whole.

BY-LAWS CHANGES

Debate was begun but not completed on changes in Council By-Laws, which will be published before they come to a vote in the October meeting.

HONORS

HONORS IN BRIEF

Dr. Norman Adler was presented the Early Career Award of the American Psychological Association, one of three such awards given for the first time this year and designated for young research psychologists. Dr. Adler is a member of the Institute of Neurological Sciences here, as well as of the psychology department; his studies, mainly of copulatory behavior in male rats, involve hormones and behavior relationships.

Dr. Joseph Bordogna, on receiving the American Society of Engineering Education's George Westinghouse Award in June, became the first person to win both major teaching awards of the society in the same year. He won the \$1000 Western Electric Fund Award of the ASEE a month earlier for excellence in instruction of engineering students. The Westinghouse award honors effective innovation in teaching as well.

Dean D. Walter Cohen of the Dental School has been named an honorary member of the British Society of Periodontology; he is believed to be the second American so honored by the British society in its 25-year history. He also delivered keynote and other addresses during the Society's September anniversary celebration at the College of Surgeons in London.

Rosia B. Davis, for seventeen years a custodian at the School of Allied Medical Professions, received a special certificate of thanks from Dean Sidney Rodenberg on her retirement in June. Since coming to the school, the citation noted, she has been "counselor, confidante, and friend to thousands of students and scores of faculty and staff members."

PAYROLL PROBLEMS

If anything can go wrong it will. . . at the worst possible time.—Murphy's Law, amended.

Each year, extensive budget and appointment changes in July and September raise the possibility of inaccuracies in individuals' payroll records, and this year is no exception. If on examination of your check stub you find any discrepancy, please contact the Payroll Department, Ext. 7270 (semi-monthly payroll, Ext. 6301, 9:30-10:30a.m.; weekly payroll, Ext. 7277, 2:30-3:30 p.m.) or call William Nilsson on Ext. 5577 and prompt attention will be given to your inquiry.

Dr. Loren Eiseley has been named this year's Distinguished Nebraskan by the Nebraska Society, a group of congressmen and other distinguished Nebraskans in Washington, D.C.

Dr. Saul Gorn received the 1974 award for distinguished service of the Association for Computing Machinery.

Dr. Edwin T. Haebele was appointed a member of the commission of socio-technical systems of the National Academy of Sciences and the National Academy of Engineering.

Dr. William F. Hamilton is one of 15 Americans to be named White House Fellows for this year; he will be a special assistant to Secretary of Transportation Claude S. Brinegar. One other Penn faculty member has been a White House Fellow; Dr. C. Nelson Dorn, associate professor of systems engineering, who was in Washington in 1969.

Dr. Chong-Sik Lee and Robert A. Scalapino, co-authors of *Communism in Korea*, received the Woodrow Wilson Foundation Award for the best book on government, politics or international affairs published in 1973.

Eugene Michels was elected president of the World Confederation for Physical Therapy. The organization is composed of societies from 37 countries and is consultant to the World Health Organization. Last year, Mr. Michels served as president of the American Physical Therapy Association, the U.S. representative to the World Confederation.

Dr. Lysle H. Peterson was elected president of the International Society of Cardiology at World Congress of Cardiology meetings held this month in Buenos Aires.

Dr. Edward Pugh has been named First Award Winner of the thirteenth annual creative talent awards program of the American Institutes for Research. The award is made for the best doctoral dissertation in psychology.

Vice-Provost for Undergraduate Studies Humphrey Tonkin was elected president of the Universal Esperanto Association at the 70-nation organization's 1974 international conference in Hamburg, Germany.

Lt. Col. [Ret.] Faris R. Kirkland's award in the July 1974 *Almanac* should have read Legion of Merit, not Legion of Honor.

ALUMNI AWARDS

Penn's alumni program and *The Pennsylvania Gazette* together took ten awards in this year's competitions sponsored by the American Alumni Council for the 1600-member group. The Family Day series, begun last year by the Alumni Relations Office, won an award of merit for "the outstanding nature of an idea and the manner in which it was translated into a program." For the fourth year, the *Gazette* placed among the top thirteen alumni magazines in the country, with citations for excellence in photography, cover design and feature articles. Five articles by Associate Editor Patricia McLaughlin won the *Atlantic Monthly* award for excellence in writing. The magazine also received a certificate of merit from the American College Public Relations Association and was a runner-up for the Newsweek award for relating the institution to public affairs.

Council Resolutions and Administrative Action

Resolved, that at the first fall meeting of the Council, the Secretary shall distribute to the Council the action of Council passed during the previous academic year, including a list of all recommendations and resolutions, the implementation of which would require Administration action. The President or the Provost shall indicate what action they have taken or plan to take with respect to each recommendation and resolution. —*The University Council, May 8, 1974.*

ACTION: *The following report was introduced at Council September 25, 1974.*

ACADEMIC YEAR 1973-74

Council on Undergraduate Education (October 10, 1973)

The Council endorsed President Meyerson's suggestion that the Council on Undergraduate Education be augmented by a limited number of students in line with usual Council procedures, and that the chairman of the Educational Policy Committee also be added. It was resolved that five students to be selected by the Undergraduate Assembly through its usual procedure be added as well as the chairman of the Educational Policy Committee.

ACTION: *These additions to the Council on Undergraduate Education have been made.*

Ten-Year Probationary Period for Clinical Faculty (November 14, 1973)

Council resolved to approve the proposal of the Subcommittee on Tenure of the Faculty Senate Committee on the Faculty that there be a ten-year probationary period option for clinical faculty in order to give such faculty an opportunity to meet their responsibilities in patient care and to develop substantial scholarly research programs.

ACTION: *In December, 1973, the Trustees approved the enabling legislation for this resolution. "Substantial clinical duties" has been defined to mean at least one-third of a faculty member's time, or fifteen hours devoted directly to patient care or clinical administrative responsibilities. Present faculty who were certified by their department chairmen and dean as meeting this requirement were eligible to elect either the ten-year or seven-year probationary period; new appointments shall reach agreement with the appointing department in the appointment negotiations. There is, however, one opportunity for reconsideration at the end of the second year. Quite a few of the current faculty have elected the ten-year path, and a number of new appointments have as well.*

Bachelor of Applied Science degree (February 13, 1974)

Council resolved to support the recommendation of the College of

Engineering and Applied Science to offer a Bachelor of Applied Science degree.

ACTION: *This new degree program has now been put into effect.*

Center for the Development and Evaluation of Teaching Competency (February 13, 1974)

Council recommended that the University administration create a Center for the Development and Evaluation of Teaching Competency.

ACTION: *The character of such a center has been reviewed in the last few months; candidates are now being considered for a committee to run a Program on Teaching Development and Evaluation.*

Racial Census (March 20, 1974)

I. Council recommended that it should become University policy immediately that any necessary racial identification of individuals be self identification (not by department chairmen, supervisors, etc.), and be completely voluntary.

ACTION: *This policy has been put into effect, and forms contain not only racial and ethnic identification, but also a "decline to identify" that can be checked off.*

II. Council also recommended that all documents, computer tapes or similar records compiled by methods other than voluntary ones be destroyed when such adequate records can be recompiled. These new records should be subject to at least the same degree of confidentiality as present records and be released to authorized agencies only as non-traceable numbers. The tape which contains the records of "racial data" cannot include Social Security numbers.

ACTION: *The administration is now replacing old data with new data as it comes in, and has every intention of doing everything to safeguard the confidentiality of the census record. It is not possible to use man numbers, but in the new system confidentiality will be preserved by scrambling Social Security numbers and by keeping the racial data only in the Provost's office.*

Two Additional Faculty Members to the Academic Planning Committee (March 20, 1974)

Council resolved that the "composition of the Academic Planning Committee be amended to include a total of seven faculty members, such change to be effective immediately."

ACTION: Two additional faculty members have been appointed to the Academic Planning Committee by the president from nominations made by the Senate Advisory Committee.

Professional Student on Academic Planning Committee (March 20, 1974)

Council resolved that the administration add a professional student to the Academic Planning Committee.

ACTION: This has been done and there is now one undergraduate, one graduate student in the arts and sciences, and one student from other graduate professional schools on the Academic Planning Committee.

Athletic Task Force (February 13, 1974)

In the Athletic Task Force report it was recommended that the director of intercollegiate athletics report to the provost.

ACTION: The director now reports to the Provost.

Task Force on Graduate Education (April 10, 1974)

Council resolved that the Office of the Provost establish by 15 May 1974 a University Task Force on Graduate Education at the University of Pennsylvania, whose objectives and responsibilities are enumerated in the proposal presented that the provost shall report to Council at each ensuing Council meeting of the progress being made by the Task Force, and shall issue all Task Force statements under the aegis of his office; and that when the new Vice-Provost for Graduate Studies and Research is appointed, a sub-group of the Graduate Council will become the continuing body to take cognizance of implementation of Task Force recommendations; and that when the new vice-provost is appointed, it would be most desirable for that person to be named chairman of the Task Force.

ACTION: The establishment of a University Task Force on Graduate Education was deferred pending the appointment of Donald Langenberg as vice-provost for graduate studies and research, effective September 1, 1974. The Task Force, to be chaired by Dr. Langenberg, is now being formed.

Renovation of Houston Hall (May 8, 1974)

Council resolved that it recognized the importance of Houston Hall's improvement and affirmed a very high priority to the funding of the renovation program beginning at the earliest possible date; and further resolved that the Council ask the central administration to design means by which such funding can be provided and report back to the Council by the first meeting in the fall. Such plans for support should reflect the proposed position of Houston Hall as a Facility of value to the entire university community.

ACTION: The development office and the office of the dean of

students have drawn up preliminary plans for such support. A report on these plans will be made at the first meeting of Council.

All-University Calendar (May 8, 1974)

It was recommended that the University have a new calendar.

ACTION: There are a number of problems that make the recommendations difficult to implement. But the Provost with the deans will eliminate overlap between the first and second semesters of the academic year that now exists among some schools.

Resolution on Smoking (May 8, 1974)

Council resolved that "smoking is acceptable in University buildings only in hallways, stairwells, and private offices and laboratories where no contrary instructions have been posted by the occupants. Otherwise smoking is not acceptable, particularly in lecture halls, classrooms, libraries, committee meeting rooms, or public lounges (except where special segregated 'smoking' lounges have been provided)."

ACTION: Publicity was given to the resolution of Council, and the University will continue to enforce smoking regulations.

ACADEMIC YEAR 1972-73

Admissions: Addendum Report of Committee on Undergraduate Admissions and Financial Aid (November 8, 1972)*

Council approved Section I and Section III, paragraph A—E.

ACTION: Approved sections dealing with the aims of admission policy, procedures for incorporating faculty views on admissions (the "slate committee"), and student attributes to be considered in admissions reflected policies and procedures generally in effect then and now.

Section III-F and Sections IV and V were resubmitted to the Admissions Committee.

ACTION: The Admissions Committee submitted a report in spring 1974 to be considered by Council in fall 1974; no specific consideration made of the previous Addendum report or of the sections referred back for further study.

Provision for Facilitating Faculty and Student Involvement in 1972 Elections (September 20, 1972)

Council resolved: "That the President remind the members of the community of their responsibilities regarding the elections, and that faculty and students be asked to exercise maximal flexibility in helping one another to properly and adequately express their concerns in this regard."

ACTION: The Provost, with advice of the Steering Committee of Council that the following was consistent with the Council resolution, issued a memorandum on October 11, 1972, requesting: [1] that no examinations be given from November 1, 1972 to November 7, 1972 and [2] that students be allowed to make up any work missed during this period.

*Full report available from the Office of the Secretary, 112 College Hall.

Temporary Exclusion of Faculty Members from University Facilities (December 13, 1972)

Council approved with an amendment the revision of the rule on temporary suspension of Faculty from University facilities proposed by the Committee on Academic Freedom and Responsibility of the Senate.

ACTION: Revised rule as amended was approved by the Executive Board of the University Trustees on December 15, 1972.

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Faculty Appointments and Promotions: Report of the ad hoc Committee on Faculty Appointment and Promotion Policies and Procedures (February 14 and March 21, 1973)

Council on February 14, 1973 approved in amended form recommendations #1 (primacy of discipline and department in faculty personnel actions); #2 (norms for departmental personnel committees), #3 (norms for school personnel committees), and #5 (criteria of intellectual leadership, research and teaching in personnel actions).

ACTION: No specific action by central administration was called for, although the Provost has discussed implications of the "norms" with the academic deans [meeting of Council of Academic Deans, December 1973] and will ask a subcommittee of that Council to review McGill Committee recommendations to see what further guidelines or University policies might be necessary. General principles of the University Council recommendations are consistent with present practices of most schools and of the Provost and Provost's Staff Conference.

Council on March 21, 1973 approved in amended form recommendations #6 (calling for Academic Review Committees for each school and #7 (reaffirming present policies of hiring faculty on the basis of merit, but taking into account factors of sex and race where other criteria do not lead to a clear choice among candidates).

ACTION: [1] Planning or review committees have been established in all schools and have been actively working on formulation of plans and priorities for the support of the anticipated development campaign. [2] The reaffirmation of policies with respect to the hiring of female and minority-group faculty has been incorporated into the University's affirmative action plan.

●

Faculty Appointments and Promotions: Favorable Action on Appointment, Reappointment or Promotion Contrary to Advice of Faculty (May 9, 1973)

Council adopted a resolution describing procedures for faculty personnel actions, recognizing favorable action against the advice of faculty "only in extraordinary circumstances," and requesting that such proposed actions be communicated to the dean and school personnel committee for reexamination before final Trustee action.

ACTION: The Provost declared the resolution "workable" and a fair representation of procedures presently followed. A more detailed statement of policy and procedures, by the Senate Committee on Academic Freedom and Responsibility, was introduced and endorsed by the Provost in ALMANAC, March 26, 1974.

University Life: Report on University Life of Joint Subcommittee of Committees on Faculty Affairs and Student Affairs (May 14, 1973)

Council endorsed the principle of the report and the goal of an "integrative educational life," supported by establishment of a Division of University Life generally as described in the report but without the Office of Admissions and Financial Aid; referred the remaining specific recommendations to the President and the Provost for review and further analysis by the Council in the fall of 1973; and requested a semi-annual report to the Council on progress in implementation of the new division.

ACTION: A consultative committee established to recommend candidates for Vice-Provost for University Life has reported to the Provost; no selection was made, due largely to continued uncertainties about job description and relationship to other administrative offices. The Provost will report to the first meeting of Council, fall 1974, on progress in revising the job description.

●

Judicial System: Report of ad hoc Committee for Revision of Judicial System Charter (May 23 and October 10, 1973)

Council accepted proposed charter revision (May 23, 1973) and recommended that a new position in the judicial system be created called the judicial inquiry officer. Such an officer would review complaints and evidence, file charges, and present the case and supporting evidence to the judicial court. This officer is to be appointed by the president from faculty or staff, excluding only those from within the office of security and the office within which the judicial administrator is located—now the office of the secretary.

ACTION: Candidates are now being considered for the office of Judicial Inquiry Officer and the officer should have been appointed within the next few weeks. ‡

In addition (October 10, 1973) a number of recommendations were made revising the mechanics of the summer judiciary and membership of the Honor Court.

ACTION: These changes have been made.

●

Development Commission Recommendations: Report of University Development Commission (February 28, March 7, April 11, May 23, 1973)

Council considered the Report of the University Development Commission in spring 1973 and responded to each of its 94 recommendations through one or more of the following actions: (a) endorsed; (b) endorsed as amended; (c) endorsed recommendation and administration response as reported in Implementation Report of February 1973** (d) requested consideration by Academic Planning Committee, Educational Policy Committee or some other body, or refer to Steering Committee for establishment of *ad hoc* review committee; (e) deferred to Senate for initial consideration; (f) deferred consideration pending outcome of some other established review or report in process.

ACTION: A second Implementation Report will be presented to University community this fall outlining actions of Council and other deliberative bodies as well as those of the administration.

** *Almanac* February 20, 1973.

‡ See page 1.

CLASS OF 1974 SURVEY

A survey of the seniors from the University's Class of 1974 shows an increased preference for full-time graduate or professional study among graduates of the College of Arts and Sciences and the Wharton School. Graduates of the College of Liberal Arts for Women and of the College of Engineering and Applied Science showed a substantially greater preference for employment compared to graduates from the previous four years.

These findings are described in the *Post-Graduate Plans of the Class of 1974*, an annual survey prepared by the Office of Fellowship Information and Study Programs Abroad, directed by James B. Yarnall. The survey was based on responses from 1005 seniors in the University's four largest undergraduate divisions: College of Arts and Sciences (373); College of Liberal Arts for Women (375); College of Engineering and Applied Science (58); and Wharton School (199).

The percentages of students planning full-time graduate study compared from the past three years and 1974:

	1974	1973	1972	1971
College	68%	61%	59%	58%
CW	42	52	46	46
CEAS	35	41	42	33
Wharton	45	40	46	36

Among students planning full-time graduate or professional study, medicine was more popular for College graduates this year (35 percent) than in 1973 (32 percent). Law remained one of the major preferences among College graduates at 27 percent this year compared to 26 percent in 1973. Graduate study in the arts and sciences continued to be a major choice with 27 percent in that field this year compared to 25 percent in 1973.

Among CW graduates there was a significant increase in the proportion of graduates going to law school—26 percent this year compared to 16 percent in 1973. Medicine declined slightly as a choice for women—17 percent this year compared to 20 percent in 1973, while graduate study in the arts and sciences remained steady at 38 percent this year compared to 36 percent in 1973.

Graduate study in engineering continued to be the most popular field among graduates of the College of Engineering and Applied Science—60 percent this year, 57 percent in 1973.

Law continued to be the most popular choice for graduate study among Wharton graduates—59 percent this year compared to 63 percent in 1973. Graduate study in business declined slightly for Wharton graduates: 24 percent this year, 32 percent in 1973. Plans for employment after graduation:

	1974	1973	1972	1971
College	15%	19%	15%	14%
CW	42	29	37	37
CEAS	55	37	28	38
Wharton	41	46	33	28

Planning to enter military service:

	1974	1973	1972	1971
College	1%	2%	3%	4%
CEAS	5	3	6	16
Wharton	2	1	5	13

Plans other than employment, military service or graduate study (including those who are undecided):

	1974	1973	1972	1971
College	16%	18%	23%	22%
CW	16	19	17	17
CEAS	5	19	24	13
Wharton	12	13	15	23

Among the 60 men in the College who indicated other plans, 52 were undecided. Of CW's 62 students with other plans, 49 were undecided. In CEAS, all three students who indicated other plans were undecided. In Wharton, 16 of the 24 students who indicated other plans were undecided.

GRANTS

With the publication of the May and June grants below, the Office of Research Administration completes its reporting of such data for the fiscal year ended June 30, 1974.

SPONSORED RESEARCH

A Summary of Contracts and Grants for Research and Related Activities Received by Faculty Members during May, 1974

ARMY: *E. Burstein* (Phys.) "Raman Spectroscopy of Solids" \$72,051.
ATOMIC ENERGY COMMISSION: *S. Frankel* (Phys.) "High Energy Physics Research" \$27,000.

COMMONWEALTH OF PENNSYLVANIA: *S. Delehanty* (ICA) "Philip Glass Concert" \$1,500. . . *A. Emerson* (Dean of Students) "Minority Tutorial Project" \$30,100.

GENERAL ACCOUNTING OFFICE: *J. Schwartz & R. Blanning* (Wharton) "Instruction in Automatic Data Processing and Related Disciplines" \$37,560.

HEALTH RESOURCES ADMINISTRATION: *J. Brown* (Nursing) "Child Neglect and Abuse" \$2,500. . . *L.H. Edmunds & H. MacVaugh* (Surg.) "Evaluation of Computer-aided Care after Heart Surgery" \$127,266. . . *R. Marshak* (Sch. Vet.) "Financial Distress Grant" \$174,361.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION: *B. Shen* (Astro.) "Nuclear Reactions Induced by High Energy Alpha Particles" \$6,831.

NATIONAL FOUNDATION FOR THE ARTS AND HUMANITIES: *R. Lambert & W. Gundersheimer* (Office of the Provost) "A Program in Cultural Studies" \$165,964.

NATIONAL INSTITUTE OF HEALTH: *R. Ackoff* (Mgt. Sci. Ctr.) "A Systems Approach to the Study of Drug Use" \$121,548. . . *J. Aronfreed* (Psychol.) "Basic Research Training in Developmental Psychology" \$74,257. . . *J.K. Blasie* (Johnson Fdn./Biophys.) "Structure and Function of Membranes Involved in Vision" \$97,766. . . *B. Brackett* (Ob./Gyn.) "In Vitro Fertilization of Rabbit and Primate Ova" \$25,000. . . *R. Brinster* (An. Biol.) "Training Program in Reproductive Physiology" \$62,804; "Regulation of Cancer Cell Development" \$41,951. . . *F. Brooks* (Med.) "Vagal Control of Gastric Secretion" \$76,323. . . *W. Chambers* (Anat.) "Role of Central Feedback Mechanisms in Skilled Acts" \$99,066. . . *B. Chance* (Johnson Fdn./Biophys.) "Enzyme-substrate Compound of Catalase in Alcoholism" \$281,687. . . *R. Cooper* (Med.) "The Role of Membrane Lipids in Red Cell Physiology" \$25,000. . . *R. Daniele* (Med.) "Immunocompetent Cells of the Lung" \$43,350. . . *Z. Davidovitch* (Orthodon.) "Biochemical Aspects of Tooth Eruption and Movement" \$36,642. . . *R. Davis* (Chem.) "Spectroscopic Studies of Metalloenzymes" \$28,131. . . *J. Durand* (Sociol.) "Graduate Training Program in Demography" \$53,729. . . *S. Erulcar* (Pharm./Med.) "Placental Exchange, particularly with O₂ and CO" \$48,217. . . *S. Gale* (Reg. and Peace Sci.) "Residential Mobility and Neighborhood Change" \$85,941. . . *G. Gasic* (Pathol./Med.) "Role of Platelets and Clotting in Metastasis" \$70,442. . . *J. Gots* (Microbiol./Med.) "Infectious Diseases: Virology, Immunology, Genetics and Physiology" \$150,751. . . *B. Hammond* (Sch. Dent.) "Training in the Basic Sciences" \$109,621. . . *L. Henderson* (Med.) "Hemodiafiltration" \$140,000. . . *R. Kallen* (Biochem./Med.) "Mechanisms of Biochemical Catalysis: C-C and C-N Bonds" \$105,579. . . *F. Kane* (Johnson Fdn./Biophys.) "Monovalent Cation Control of Cellular Reaction" \$20,000. . . *M. Kare* (Monell) "Neurosensory Sciences" \$49,703. . . *E. Korostoff & S. Pollack* (Met. and Mat. Sci.) "Dental Materials" \$103,327. . . *P. Leboy* (Biochem./Dent.) "Effect of Alterations in RNA Methylase Activity" \$25,000. . . *F. Lief* (An. Biol.) "Human Wart Virus as an Oncogenic Agent" \$37,473. . . *H. Lief* (Psychiat.) "Psychiatry: GP Special Training" \$12,061. . . *D. Mereness* (Nursing) "Undergraduate Psychiatric Nursing" \$6,728; "Nursing: Special-purpose Traineeship Program" \$39,653. . . *D. Moulton* (Monell) "Olfactory Physiology" \$47,862. . . *A. Noordergraaf* (Grad. Bioengr.) "Computer Studies of Human Circulatory System" \$55,321. . . *E. Pye* (Biochem./Med.) "Metabolic Control and Enzyme Utilization" \$21,201. . . *H. Rasmussen & D. Goodman* (Biochem./Med.) "Hormonal and Ionic Control of Metabolism" \$193,415. . . *B. Roberts* (Chem.) "Synthesis of Sesquiterpenoid Antitumor Agents" \$49,722. . . *B. Rosan* (Microbiol./Dent.) "Microbiologic Studies of the Human Oral

Streptococci" \$76,459. .G. Ruff (Psychiat.) "Undergraduate Human Behavior" \$18,774; "Undergraduate Psychiatry" \$25,603. .G. Schad (Pathobiol.) "Arrested Development of Larval Hookworms in the Host" \$48,403. .H. Scheie (Ophthal.) "Research and Academic Careers in Ophthalmology" \$11,181. .L. Shoemaker (SSW) "Social Work: Corrections" \$4,206. .H. Slovirer (Surg.) "Effects of Psychoactive Agents on the Brain" \$58,800. .E. Stellar (Inst. Neur. Sci.) "Behavioral and Neurological Sciences" \$15,979. .T. Thornberry (Sociol.) "Release of Dangerous Mental Patients: The Dixon Case" \$51,682. .B. Wayland (Chem.) "Metalloporphyrin: Heme Protein Model Relationships" \$106,521. .D. Wolf & M. Litt (Ob./Gyn.) "Coordinated Approach to Physicochemical Characterization of Human Cervical Mucus" \$62,676. .M. Wolfgang (Sociol.) "Research Training in Criminology and Social Deviance" \$2,908. .M. Yanoff (Ophthal.) "Ophthalmic Pathology Training" \$61,804. .B. Zweiman (Med.) "Allergy and Immunology" \$80,291.

NATIONAL SCIENCE FOUNDATION: R. Bajcsy (Comp. and Info. Sci.) "Identification of Real Outdoor Scenes by a Computer" \$46,400. .G. Belton (Met. and Mat. Sci.) "Workshop on Chemical and Extractive Metallurgy" \$5,700. .S. Bludman (Phys.) "Fourth International Conference on Neutrino Physics and Astrophysics" \$2,000. .R. Kadison (Math.) "Functional Analysis and Mathematical Physics" \$64,100. .F. Kayne (Johnson Fdn./Biophys.) "Mechanisms and Control of Glycolytic Pyruvate Kinases" \$35,000. .R. Ricklefs (Biol.) "Evolution of Reproductive Effort in Birds" \$45,000. .D. Rim (Math.) "Homological Algebra" \$17,400. .J.R. Schrieffer & P. Soven (Phys.) "Theoretical Research in Solid State and Surface Physics" \$43,600.

NAVY: R. Showers (Syst. Engr.) "Continuation of System Electromagnetic Compatibility Effectiveness Evaluation" \$73,200.

SMITHSONIAN INSTITUTION: D. O'Connor (Museum) "Excavation within Malkata, Western Thebes" \$59,112.

PRIVATE FOUNDATIONS, RESEARCH ORGANIZATIONS AND ASSOCIATIONS AND INDUSTRY:

ALLENTOWN PRODUCTS: K. Bovee (Clin. Stud./Vet.) "Experimental and Clinical Renal Failure in Dogs" \$7,267. .AMERICAN HEART ASSOCIATION: K. Lanoue (Johnson Fdn./Biophys.) "Control of Anion Transport in Heart Mitochondria" \$14,740. .M. Reivich (Neurol.) "Neonatal Cerebral Blood Flow and Metabolism" \$17,270. .A. Scarpa (Johnson Fdn./Biophys.) "Control of Intracellular Calcium in Cardiac Muscle" \$14,300. AMERICAN IRON AND STEEL INSTITUTE: G. Belton (Met. and Mat. Sci.) "Interfacial Kinetics in Reactions with Liquid Iron" \$16,100. .D. Gaskell (Met. and Mat. Sci.) "Fluxing Properties of B203 Steelmaking Slags" \$14,200. .C. McMahon (Met. and Mat. Sci.) "Embrittlement of NICK-based Steels by Residual Tin and Phosphorous" \$22,500. FOUNDATIONS' FUND FOR RESEARCH IN PSYCHIATRY: D. Burns (Psychiat.) "Role of Serotonin in the Regulation of the Release of Growth Hormone (GH)" \$24,140. HEART ASSOCIATION OF SOUTHEASTERN PENNSYLVANIA: J. Kastor (Med.) "Postoperative Cardiac Electrophysiological Function" \$4,810. MUSCULAR DYSTROPHY ASSOCIATION: D. Schotland (Neurol.) "Electron Cytochemical Studies of Human Muscle Mitochondria" \$12,366. NATIONAL FOUNDATION: R. Root (Med.) "Inherited Disorders of Human Phagocytic Function" \$24,000. UNION BENEVOLENT ASSOCIATION, OTHERS: R.A. Minter & M. Botel (GSE) "Language Arts Curriculum on African and Afro-American Culture" \$2,500.

Summary: Contract and grant awards July 1973 through May 1974: 698, totaling \$47,193,819.

A Summary of Contracts and Grants for Research and Related Activities Received by Faculty Members during June 1974.

ADVANCED RESEARCH PROJECTS AGENCY: D. Langenberg (LRSM) "Chemical and Physical Properties of Surfaces and Interfaces and IV-VI Semiconductor Films" \$370,450.

AGRICULTURE: R. Marshak (Clin. Stud./Vet.) "Research on Epizootiology of Bovine Leukemia" \$30,000.

ARMY: A. Noordergraaf (Bioengr./Grad.) "Research Program on the Ultrasonic Images of Tissues" \$49,991.

ATOMIC ENERGY COMMISSION: D. Kronfeld (Clin. Stud./Vet.) "Placental Transport of Radionuclides" \$6,332. .D. Pope (Met. and Mat. Sci.) "Dislocation Mobilities in Ordered Alloys" \$37,100.

CENTER FOR THE STUDY OF METROPOLITAN PROBLEMS: T. Hershberg (Hist.) "Social Mobility in Philadelphia" \$14,915.

COMMONWEALTH OF PENNSYLVANIA: S. Brody (Insur.) "Wyoming Valley Flood Recovery Medical Assistance Program" \$60,000; "U.S.A. Income Maintenance Program, Part 1" \$6,387. .S. Brody & T. Gilmore (Mgt. Sci. Ctr.) "U.S.A. Income Maintenance Program, Part 2" \$13,613. .F. Jones (Law) "Prison Research Council" \$18,217. .R. Spritzer (Law) "Indigent Prisoner Litigation Program" \$14,320.

FEDERAL ENERGY OFFICE: D. Boyce (Reg. and Peace Sci.) "Philadelphia-Lindenwold High Speed Line: Energy Conservation Impact Study" \$25,000.

FOOD AND DRUG ADMINISTRATION: C. Aronson (An. Biol.) "Evaluation of Models for Study of Cardiotoxicity of Human and Veterinary Drugs" \$65,000.

HEALTH RESOURCES ADMINISTRATION: J. Melbin (Sch. Vet.) "Health Professions Special Project Grant" \$120,789. .D. Scott (An. Biol.) "Recruitment and Preparation of Disadvantaged Students" \$19,150. .T. Snyder (Oral Med.) "Training in Expanded Duty Auxiliary Management" \$45,360. .E. Stemmler (Sch. Med.) "Health Professions Capitation Grant Program" \$710,822.

NATIONAL BUREAU OF STANDARDS: G. Schrenk (Nat. Pow. Ctr.) "Energy and Conservation Conference" \$19,995.

NATIONAL FOUNDATION FOR THE ARTS AND HUMANITIES: D. Crownover (Museum) "Native Americans: Variety and Change" \$5,000. .D. White (Museum) "1974 Excavations in the Sanctuary of Demeter, Cyrene" \$22,603.

NATIONAL INSTITUTE OF HEALTH: J. Ackerman (Sch. Dent.) "Training to D.M.D., Ph.D., and a Clinical Specialty" \$208,260. .K. Arai and H. Wallace (Surg.) "Hapten Treatment of Cancer" \$25,242. .T. Asakura (Johnson Fdn./Biophys.) "Hemoproteins and Cell Metabolism" \$23,000; "Studies in Sickle Cell Disease" \$168,000. .R. Austrian (Res. Med.) "Field Trials of Polyvalent Pneumococcal Vaccines" \$275,102. .C. Barker (Surg.) "Biology of Tissue and Organ Transplantation" \$51,504. .S. Botelho (Physiol.) "Lacrimal Gland: Factors Influencing Secretion" \$52,903. .J. Brady (Psychiat.) "Psychiatry: GP Residency Training" \$14,040; "Psychiatry: Research Training" \$54,752; "Psychiatry: Basic Residency" \$199,617. .C. Brighton (Orthoped. Res.) "Graduate Training in Bone and Cartilage Research" \$52,743. .R. Brinster (An. Biol.) "Veterinary Medical Scientist Training" \$10,800. .J. Brobeck (Physiol.) "Graduate Training Program in Physiology" \$10,800. .F. Brooks (Med.) "Gastroenterology Research Training Program" \$104,760. .M. Burnside (Anat.) "Microtubule and Microfilament Structure and Function" \$10,769. .N. Buyukmihci (Clin. Stud./Vet.) "Rod Disc Turnover in Normal and Dystrophic Dog Retina" \$10,757. .M. Cava (Chem.) "Benzylisoquinoline Alkaloid Studies" \$58,916. .D. W. Cohen (Sch. Dent.) "Health Professions Capitation Grant Program" \$1,224,998. .D.W. Cohen (Periodont.) "Basic Sciences and Periodontics" \$38,536. .R. Colman (Dermatol.) "Extracorporeal Support for Respiratory Insufficiency" \$31,784. .P. Cross (An. Biol.) "Maturation of Mammalian Oocytes" \$45,902. .P. DeJesus (Neurol.) "Effects of Methyl Butylketone (MBK) and Methyl Ethylketone (MEK) on Peripheral Nerves" \$53,801. .J. Ferguson (Biochem./Med.) "Biochemistry" \$91,242; "Training Grant: Biochemistry" \$14,471; "Medical Scientist Training Program" \$10,800. .I. Fidler (Pathol./Dent.) "Analysis of Mechanisms of Cancer Metastasis" \$37,060. .W. Fitts (Surg.) "Training of Clinical Investigators in Surgery" \$113,803. .E. Gersh (An. Biol.) "Chromosome Structure and Genetic Function" \$29,566. .L. Gleitman (Psychol.) "Acquisition of Linguistic Structure" \$82,143. .M. Goldberg (Med.) "Renal Physiology and Renal Disease" \$79,915. .B. Hammond (Sch. Dent.) "Growth and Metabolism of the Oral Lactic Acid Bacteria" \$22,918. .J. Hobstetter (V. Prov.-Res.) "Biomedical Sciences Support Grant" \$61,253. .H. Holtzer (Anat.) "Program in Cell Differentiation" \$100,193. .R. Kallen (Biochem./Med.) "Characterization of Catalysis and Cancer" \$25,000. .G. Koelle (Pharm./Med.) "Pharmacology" \$106,409. .E. Korostoff & S. Pollack (Met. and Mat. Sci.) "Dental Materials" \$47,756. .A. Kozinski (Med. Gen.) "Interaction of Viruses with Host Chromosomes" \$38,469. .D. Krüchevsky (An. Biol.) "Molecular Biology Graduate Training Grant" \$79,191. .D. Kuhl (Radiol.) "Nuclear Medicine" \$54,797. .M. Lamberton (Nursing) "Educational Program to Prepare the Family Nurse Practitioner" \$89,606. .T.

Langfitt (Surg.) "Head Injury Clinical Research Center" \$137,299. . *L. Luborsky* (Psychiat.) "Comparison of Two Methods of Blood Pressure Control" \$2,890. . *R. Mack & F. Johnston* (Comm. Med.) "Relationship of Infant Growth to Adolescent Obesity" \$106,039. . *R. Marshak* (Clin. Stud./Vet.) "Multidisciplinary Training in Cancer Research" \$74,950. . *R. Marshak* (Sch. Vet.) "Health Professions Capitation Grant Program" \$664,599. . *B. Marshall* (Anes.) "Extracorporeal Support for Respiratory Insufficiency" \$34,815. . *L. Mastroianni* (Ob./Gyn.) "Reproductive Biology" \$86,912. . *J. McGrath* (Pathobiol.) "Pathology" \$40,995. . *W. Mellman* (Med. Gen.) "Biochemical Genetics of Cultured Human Cells" \$77,737. . *W. Mellman* (Pediat.) "The Genetics of Galactose Enzyme Determinants in Man" \$61,480. . *W. Mellman & R. Schwartz* (Ob./Gyn.) "Amniocentesis Registry" \$23,822. . *J. Mendels* (Psychiat.) "Electrolyte Transport Systems in Affective Illness" \$55,612; "CRB-NIMH Collaborative Depression Studies III: Pilot" \$32,108. . *D. Mereness* (Nursing) "Professional Nurse Traineeship Program, Long Term" \$562,903. . *A. Merritt* (Clin. Stud./Vet.) "Dissection of Gastric Secretory Control in the Pig" \$44,775. . *J. Mikuta & C. Mangan* (Ob./Gyn.) "Gynecologic Oncology Group" \$41,437. . *L. Miller* (Surg.) "Extracorporeal Support for Respiratory Insufficiency" \$11,257. . *U. Nilsson* (Med.) "Structure and Function of Human CS" \$25,000. . *P. Nowell* (Pathol./Med.) "Training in Experimental Pathology Related to Cancer" \$163,227. . *P. Nowell* (Sch. Med.) "Exploratory Studies in Cancer Research" \$94,720. . *L. Peachey* (Biol.) "Developmental Biology" \$59,404. . *A. Pepitone* (Psychol.) "Social Science Research Training" \$32,573. . *H. Persky* (Psychiat.) "Endocrines, Depression, Violence and Addiction" \$32,535. . *L. Pizer* (Micro./Med.) "Control Mechanisms in Pro-and Eukaryotic Cells" \$58,466. . *M. Reivich* (Neurol.) "CBF in Metabolism in Stroke and Shock" \$117,858. . *S. Rodenberg* (SAMP) "Allied Health Professions Special Improvement Grant" \$143,791; \$123,346. . *R. Root* (Med.) "Human Phagocyte Function in Health and Disease" \$25,000. . *J. Rosenbloom* (Biochem./Dent.) "Lung Elastin: Separation and Characterization" \$69,523. . *G. Ruff* (Psychiat.) "Undergraduate Psychiatry" \$21,336; "Undergraduate Human Behavior" \$15,646. . *H. Scheie* (Ophthalmol.) "Research and Academic Careers in Ophthalmology" \$85,504. . *A. Schless* (Psychiat.) "Treatment of Alcoholism" \$43,287. . *S. Schnoll* (Psychiat.) "Career Teacher Alcohol and Drug Abuse" \$38,691. . *H. Schwan* (Bioengr./Grad.) "Biomedical Engineering" \$70,503. . *T. Shaffer* (Physiol./Med.) "Liquid Ventilation in Newborn Lambs with RDS" \$39,983. . *L. Shoemaker* (SSW) "Psychiatric Social Work, Doctoral and Third Year" \$95,746; "Social Work, Corrections" \$7,876. . *J. Simpson & A. Epstein* (Biol.) "Hormonal Control of Drinking and Subformal Organ" \$7,211. . *F. Southworth* (So. Asia. Stud.) "Linguistic Heterogeneity in South India" \$43,985. . *J. Sprague* (Anat.) "Anatomical Sciences" \$95,200. . *E. Stellar* (Inst. Neurol. Sci.) "Behavioral and Neurological Sciences" \$129,703. . *E. Stemmler* (Sch. Med.) "Health Professions Capitation Grants Program" \$1,149,613. . *Y. Suyama* (Biol.) "Multiple Isoaccepting Forms of Mitochondrial TRNA" \$47,043. . *F. Taylor* (Med.) "Activation of Plasminogen and the Fibrinolytic System" \$5,422. . *R. Thurman* (Johnson Fdn./Biophys.) "Mixed Function Oxidation and Intermediary Metabolism" \$23,425. . *L. Tilney* (Biol.) "Factors which Control the Assembly of Microtubules" \$32,723. . *T. Weiss* (Psychiat.) "Operant Conditions of Cardiac Contractility in Man" \$65,070. . *N. Williams* (Sch. Dent.) "Center for Oral Health Research" \$1,292,050. . *A. Winegrad* (Med.) "Diabetes Training Grant" \$42,495. . *M. Wolfgang* (Sociol.) "Research Training in Criminology and Social Deviance" \$32,671. . *H. Wollman* (Anes.) "Anesthesiology" \$207,506. . *J. Zeidman* (Pathol./Med.) "5-Bromodeoxyuridine Effects on Marrow and Tumor Cells" \$37,418. . *B. Zweiman* (Med.) "Immune Mechanisms in Humans Receiving Azathioprine" \$20,171; "In Vitro Diagnostic Tests for Sarcoidosis" \$77,347.

NATIONAL INSTITUTE OF MENTAL HEALTH: *I. McHarg* (Land. Arch.) "Ecological Training for Metropolitan Development" \$105,061.

NATIONAL SCIENCE FOUNDATION: *F. Ajzenberg-Selove* (Phys.) "Compilation of Information on Energy Levels of Light Nuclei" \$8,000. . *R. Amado & H. Primakoff* (Phys.) "Various Topics in Theoretical Physics" \$85,000. . *G. Belton & D. Gaskell* (Met. and Mat. Sci.) "Physical Chemistry of Metallurgical Slags" \$19,700. . *J.K. Blasie* (Johnson Fdn./Biophys.) "Dynamic Structure and Function of Biological Membranes" \$45,000. . *J. Bordaz* (Anthro.) "Analysis of the Erba Materials" \$38,300. . *E. Calabi* (Math.) "Differential Structures" \$28,200. . *F. Charalampous* (Biochem./Med.) "Mechanisms of Induction of Cytochrome Oxidase in Yeast" \$28,400. . *K. Fegley* (Syst.

Engr.) "Educational Program in Telecommunications Engineering and Management" \$49,000. . *M. Gerstenhaber* (Math.) "Modern Geometric Methods in Algebra" \$17,300. . *M. Goto* (Math.) "Subgroups of Lie Groups" \$10,300. . *H. Holtzer* (Anat.) "The Mitotic Cycle and the Synthesis of Cell-Specific Molecules" \$60,000. . *R. Inman* (Econ.) "Fiscal Crisis and Fiscal Performance: Economic Analysis of Urban Governments" \$39,900. . *S. Inoue & G. Ellis* (Biol.) "Analysis of Fine Structure in Living Cells" \$8,800. . *L. Kline & A. Ando* (Econ.) "Economic Model Building of the Flow of Funds of the U.S. Economy" \$43,900. . *J. Lubin* (Mgt.) "Computer-aided Decision Making of High Ranking Executives, U.S./U.S.S.R." \$50,100. . *E. Pugh* (Psychol.) "Relationship of the Pi-mechanisms of Stiles to the Photopigment Channels of Color Vision" \$45,300. . *J. Saunders* (Otolaryngol.) "Masking of Pure Tone Thresholds" \$29,100. . *S. Schatz* (Math.) "Algebra and Algebraic Geometry" \$10,000. . *R. Schwartzman* (Clin. Stud./Vet.) "Studies of Allergic Reactions in Tissue Culture Mast Cells and Atopic Dogs" \$55,000. . *R. Scurlock* (V. Prov.-Res.) "Guide to Federal Award Agreements" \$40,500. . *A. Wallace* (Math.) "Classification of Singularities and Varieties" \$20,400. . *B. Wolf* (Pathobiol.) "Extent of Allelic Restriction in Single Anti-hapten Antibody Forming Cells" \$61,300. . *C. Yang* (Math.) "Differential Transformation Groups" \$13,200.

OFFICE OF EDUCATION, HEW: *C. Friedman* (Student Employment-Student Financial Aid) "College Work-study Program" \$601,839.

SOCIAL REHABILITATION SERVICE: *W. Dunbar* (Physical Med.) "Teaching and Traineeships in Rehabilitation Medicine" \$64,056. . *L. Shoemaker* (SSW) "Social Welfare Administration" \$15,980; "Child Welfare Training Project" \$87,999.

TRANSPORTATION: *E. Morlok* (Civ. and Urb. Engr.) "Development and Testing of Planning Model for High-accessibility Urban Corridors" \$69,928. . *B. Paul* (Mech. Engr. and Appl. Mech.) "Improved Wheel and Rail Performance Via Control of Contact Stress" \$29,442.

PRIVATE FOUNDATIONS, RESEARCH ORGANIZATIONS AND ASSOCIATIONS AND INDUSTRY

ALLENTOWN PRODUCTS: *K. Bovee* (Clin. Stud./Vet.) "Experimental and Clinical Renal Failure in Dogs" \$36,968. AMERICAN CANCER SOCIETY: *H. Holtzer* (Anat.) "The Mitotic Cycle and the Synthesis of Cell-Specific Molecules" \$31,982. . *M. Nass* (Ther. Res.) "Comparative Studies of Mitochondrial DNA in Normal and Malignant Cell" \$47,878. . *K. Tsou* (Surg.) "Synthesis of Anti-cancer Agents Related to Drug Resistance" \$23,138. . *L. Warren* (Ther. Res.) "Comparative Biochemistry of the Surface Membranes of Normal and Transformed Cells" \$31,601. AMERICAN HEART ASSOCIATION: *M. Cohn* (Johnson Fdn./Biophys.) "Career Investigatorship" \$11,000. ARTHRITIS FOUNDATION: *A. Myers* (Med.) "Arthritis Clinical Research Center" \$12,000. FORD FOUNDATION: *R. Mundheim* (Law) "International Program to Study Securities Market" \$15,000. MUSCULAR DYSTROPHY ASSOCIATION: *D. Schotland* (Neurol.) "Neuromuscular Disease Research Center" \$232,092. . *H. Holtzer* (Anat.) "Aspects of Myogenesis" \$13,638. NCAA: *R. Bond* (Recreation) "1974 National Summer Youth Sports Program" \$35,000. NATIONAL CYSTIC FIBROSIS FOUNDATION: *A. Horwitz* (Johnson Fdn./Biophys.) "Role of Lipids in Plasma Membrane Function and Synthesis" \$32,390. NATIONAL FOUNDATION: *C. Wilde* (Histol./Embryol.) "Specific Anomalies in Vertebrate Embryos Produced by Precisely Timed Inhibitions" \$7,961. PENNSYLVANIA COLLEGE OF PODIATRIC MEDICINE: *L. Shoemaker* (SSW) "Philadelphia Interdisciplinary Health and Education Program" \$15,999. POPULATION COUNCIL: *E. Van de Walle & H. Leridon* (Sociol.) "Dispersion of Intrauterine Mortality Risks" \$25,934. . *E. Van de Walle* (Sociol.) "Demographic Transition in a Belgian Village" \$1,818. RESEARCH CORPORATION: *G. Karreman* (Bockus Res. Inst.) "Isobaric Gas Counterdiffusion" \$1,700. ROBERT WOOD JOHNSON FOUNDATION: *W. Hamilton* (Insur.) "Economics of Regional Emergency Medical Systems" \$188,388. . *R. Leopold* (Comm. Med.) "University of Pennsylvania Clinical Scholar Program" \$720,099. SEEING EYE: *R. Halliwell* (Clin. Stud./Vet.) "Studies of Defense Mechanism Defects in the Dog" \$16,911. . *L. Rubin* (Clin. Stud./Vet.) "Interbreed Differences in Progressive Retinal Atrophy" \$13,955.

Summary: Contract and grant awards July 1973 through June 1974: 861, totaling \$60,698,028.

ENCORE '75

Four Fridays in November, the University's Encore '75 program again offers faculty, staff, alumni and members of their families training in a career not everyone prepares for: retirement.

November 1: *Managing Your Investments in 1974* (alumnus Eugene Arnold, president of Hopper Soliday & Co. Inc. investment firm and his brother Robert, vice-president of Provident National Bank) and *Conservation of Assets through Estate Planning* (alumnus Duffield Ashmead III of Drinker Biddle and Reath; Norman Fink, counsel to Penn's development program).

November 8: *Retirement Income: Pensions, Health Care, Social Security* (Drs. Robert A. Zelten and Jerry S. Rosenbloom of the Wharton School) and *Second Career Lifestyle* (Placement Director Arthur J. Letcher).

November 15: *Old Age in America: What the Story-Tellers Say* (Dr. Robert E. Spiller, Emeritus Professor of English) and *Leisure Time* (Morris Wistar Wood, former alumni secretary here).

November 22: *Financial Planning for the Retired* (Charles B. McCaffrey, lecturer at Wharton School) and a *Synthesis Session* (Mr. McCaffrey; Dr. Charles R. Whittlesey, Emeritus Professor of Finance; and alumnus J. Carroll Goodman, retired vice president of Alexander and Alexander, Inc., and chairman of Encore '75).

Fees are \$30 per person or \$50 a couple for all four sessions, and enrollment is limited to 100 people. The Alumni Memorial Programs Office is sponsor; Dr. Raymond Saalbach, Ext. 7927.

OPENINGS

The following listings are taken from the Personnel Office's weekly bulletin and appear in ALMANAC several days after they are first made available via bulletin boards and interoffice mail. Those interested should contact Personnel Services, Ext. 7285, for an interview appointment. Inquiries by present employees concerning job openings are treated confidentially.

The University of Pennsylvania is an equal opportunity employer. Qualified candidates who have completed at least six months of service in their current positions will be given consideration for promotion to open positions.

Where qualifications for a position are described in terms of formal education or training, significant prior experience in the same field may be substituted.

The three figures in salary listings show minimum starting salary, maximum starting salary (midpoint) and top of salary scale, in that order.

ADMINISTRATIVE/PROFESSIONAL (A-1)

ASSISTANT DEAN, Allied Medical Professions (9/3/74).

ASSISTANT DIRECTOR OF STUDENT FINANCIAL AID, responsible for financial aid programs relating to specific graduate and professional schools. Administers scholarship funds from individual and corporate donors and government sponsors in accordance with University policy. *Qualifications:* College or equivalent experience in financial aid or a related student personnel field preferred. Knowledge of financial aid procedures and practices. Ability to deal effectively with students and sponsors. \$10,675-\$13,275-\$15,875.

JUNIOR RESEARCH SPECIALIST (9/24/74).

JUNIOR RESEARCH SPECIALIST, medical school (9/3/74).

JUNIOR RESEARCH SPECIALIST, biochemistry (9/10/74).

PROJECT ENGINEER (9/3/74).

RESEARCH SPECIALIST I, surgical research lab (9/24/74).

RESEARCH SPECIALIST I, biochemical analysis (9/24/74).

RESEARCH SPECIALIST II, Museum (9/3/74).

SECURITY SPECIALIST (9/3/74).

STAFF NURSES (2) (9/3/74).

SYSTEMS ANALYST to serve as liaison between faculty and administration using computer data system and to perform system analysis and design. Responsible for operations, programming as required, specification, implementation and analysis of dental health care simulation. *Qualifications:* College degree or equivalent. Five years' experience in modeling and computer simulation; familiarity with JCL and interactive programming. \$12,300-\$15,325-\$18,350.

WRITER II to solicit, edit and distribute faculty-written articles and editorials. Prepare reports, news analyses and write feature stories as assigned. *Qualifications:* College degree in English or journalism preferred. At least three years' professional writing and editing experience required. *All resumes on file will be considered. Send resumes only. Writing samples will be requested later.* \$9,275-\$11,450-\$13,600.

SUPPORT STAFF (A-3)

ADMINISTRATIVE ASSISTANT I responsible for administrative duties, budget, arranging meetings, advising students, typing correspondence and making trip reservations. May include travel. *Qualifications:* Accurate typing; budget experience desirable; ability to deal with people and organize work flow. \$6,550-\$7,925-\$9,300.

ADMINISTRATIVE ASSISTANT, Medicine (9/17/74).

BILLING ASSISTANT, health services (9/24/74).

CLERK II, business area on campus (9/24/74).

LABORATORY ASSISTANT to prepare power packs in electronics shop; supervise and run Instron testing machine in biomaterials lab. *Qualifications:* High school graduate. No training or experience necessary. \$4,850-\$5,600-\$6,325.

MT/SC OPERATOR, Publications Office, 3 p.m.-10:30 p.m. (9/17/74).

PROJECT BUDGET ASSISTANT. *Qualifications:* Knowledge of University budget system and forms essential. Experience in grant administration, bookkeeping, typing and preparation of monthly report budgets. \$6,550-\$7,925-\$9,300.

RESEARCH BIBLIOGRAPHER II to type technical manuscripts, do library research and editorial work, maintain files and correspond with authors and publishers. *Qualifications:* Research and editorial experience; secretarial ability. \$7,050-\$8,600-\$10,150.

RESEARCH LABORATORY TECHNICIAN III to do lymphocyte cultures, cultivation of bacteria; experiments involving leukocytes and microorganisms; prepare media and reagents and work with laboratory animals. *Qualifications:* B.S. or extensive experience in aseptic techniques, working with microorganisms and handling research animals. \$7,900-\$9,450-\$11,000.

RESEARCH LABORATORY TECHNICIAN III should be familiar with preparative procedures for electron microscope; darkroom work; biochemical techniques and general laboratory supervision. *Qualifications:* Experience in microdissection, electron microscopy. B.S. with training in biology. \$7,900-\$9,450-\$11,000.

RESEARCH LABORATORY TECHNICIAN III should be familiar with cell fractionation techniques, sterile techniques, analytical methods. *Qualifications:* College degree in biology or chemistry. Experience in chemistry laboratory. Manual dexterity, ability to calculate concentrations and knowledge of related arithmetic. \$7,900-\$9,450-\$11,000.

RESEARCH LABORATORY TECHNICIAN III. Ten positions announced September 3, 10, 17, 24, including tissue culture, organ perfusion, enzyme assays and virology.

SECRETARY I (2) (9/3/74).

SECRETARY II (6) (9/3/74).

SECRETARY III (3) (9/3/74).

SENIOR MAINTENANCE ENGINEER (9/17/74).

HOURLY RATE (A-4)

Hourly rate is negotiable on the basis of qualifications.

ADMINISTRATIVE ASSISTANT, Museum, 18 hrs/week, to assist research bibliographer in applied science center for archaeology. Responsible for abstracting, cross indexing; purchase requisitions, budget

summaries; compilation and plotting of research results and graphs; taking dictation and typing manuscripts, letters and grant proposals. *Qualifications:* College degree preferred. Shorthand or dictaphone skills, excellent typing and familiarity with physical science or archaeology.

LABORATORY ASSISTANT, Dental Medicine, 15hrs/week, to maintain lab, clean glassware, make up chemical solutions, care for animals and develop film. *Qualifications:* College level chemistry, biology and math.

SECRETARY, hematology, 1 p.m.-5:30 p.m., Mon.-Fri. (9/17/74).

SECRETARY, full-time, four months (9/17/74).

VENIPUNCTURIST, 4 hrs/day, 4 or 5 days/week, 6-9 months, to perform venipunctures on patients for the removal of blood samples for laboratory testing. *Qualifications:* Training in venipuncture.

THINGS TO DO

LECTURES

Others: Shock Troops of Stylistic Change. Professor-poet Daniel Hoffman gives the first in a series of Presidential Lectures. Annenberg School Auditorium, October 3, 4 p.m.

Dr. Harold Edgerton of MIT gives an illustrated lecture on *Photography in the Sea* for the semester's first Leon Lecture. Dr. Edgerton is the inventor of the apparatus for stroboscopic high-speed motion and still photography and worked with Captain Jacques-Yves Cousteau on the development of watertight cameras for exploring the ocean floor. Rainey Auditorium, Museum, October 3, 8:15 p.m. Sponsored by the Adolf and Felicia Leon Lecture Series of the Faculty of Arts and Sciences.

Medieval Studies Groups sponsors a talk by Professor Siegfried Wenzel on a Chaucerian topic. B-3 Fine Arts, October 4, 3 p.m.

Women: The Missing Sex in the Media. Annenberg School colloquium with Donna Allen, editor and publisher of Media Report to Women and director of the Women's Institute for Freedom of the Press. Colloquium room, October 7, 4 p.m.

FILM, MUSIC, THEATRE

Annenberg Cinematheque: Early films, newsreels and documentary techniques, with *The Great Train Robbery* (1903) and *Dream of a Rarebit Fiend* (1906) among others. Studio Theatre, October 2, 4 and 7 p.m. Tickets: \$2.

Music at Noon. First in a weekly concert series organized by Dr. Thomas Connolly with performers from the music department. West lounge, Houston Hall, October 3, 12:15 p.m.

I Am a Woman. Viveca Lindfors in a dramatic presentation of 36 women from Shakespeare's to Plath's. Museum auditorium, October 3, 8 p.m. Sponsored by PUC. Tickets: \$4.

Films from Mainland China. *The Archaeological Finds during the Cultural Revolution; Environment: Sanitary through Mass Effort; The Fisherman's Song from the South Sea of China.* Harrison Auditorium, Museum, October 4, 8 p.m. Tickets: \$2.50.

Herbie Hancock. The jazz pianist and his band play selections from the *Head Hunters* and *Thrust* albums. Jazz singer *Minnie Riperton* opens the act. Irvine, October 5, 8 and 11 p.m. Sponsored by PUC and Electric Factory Concerts. Tickets: \$5.50; \$4.50, Houston Hall.

The Magnificent Ambersons. Orson Welles directed the screening of Booth Tarkington's novel. Museum Adult Film Festival, Museum auditorium, October 6, 2:30 p.m.

Mert and Phil, a comedy by Anne Burr. Tonight is opening night for the New York Shakespeare Festival production. Zellerbach Theatre through October 13, Tuesday through Sunday 8 p.m.; Saturday and Sunday, 2 p.m. *Information:* Box office, Ext. 6791.

NEWMAN HALL OPPORTUNITIES

Newman Hall is looking for volunteers: some to help organize its reading room, some to help expedite orders in the lunchroom between noon and 2 p.m. daily, and others to fill in at odd hours in the reception areas so the Center can stay open from 9 a.m. to midnight. Newman Hall, the Catholic center at 3720 Chestnut Street, is open to all faculty, staff and students regardless of religious affiliation. Contact the Rev. Charles J. Scherer, Ext. 7575, to offer volunteer services or find out about programs and facilities.

BULLETINS

WANTED: NEW SUMMER COURSES

The Summer Sessions office is now receiving proposals for courses to be offered in 1975. Departments which have not offered summer courses in previous years are invited to submit proposals to Summer Sessions through their school offices. The invitation does not extend to departments in divisions of the University, such as the Wharton graduate division, which have their own summer programs. There is no deadline on new-course proposals, but Summer Sessions Director Arleigh Hess asks that departments submit such proposals to their deans' offices as soon as possible.

WOMEN'S FACULTY CLUB: OCTOBER 10

The Women's Faculty Club will hold its fall orientation and reception next Thursday from 4 to 6 p.m. in the Annenberg Center's Studio Theatre. Guests of honor will be women Trustees and Associate Trustees who have been elected to honorary membership in WFC. Briefings will be given by Dr. Elizabeth Kirk Rose (History and Purpose); Dr. Elsa Greene (Women's Studies); Emiko Tonooka (Day Care) and Dr. Helen Davies and Dr. Phoebe Leboy (Equality and Affirmative Action).

WATS HOURS: SHORTER FOR NOW

If you are working late, remember to place WATS calls early. The University lines are now open only from 8:45 a.m. to 5:20 p.m.

In November the Centrex system will provide direct dialing for WATS 24 hours a day. Cost is still an important factor, though, and Telephone Service director Steve Murray urges University employees to enforce their own five-minute limit on calls. Other innovations of the Centrex System will be explained in special training sessions for all employees next month. Dates and places to be announced.

OCTOBER BLOOD DRIVES

The Student Blood Donor Club is open to faculty and staff but, club director Mrs. Marian Densmore reports, "staff response has been lousy." It's hard to see why, when a donation ensures that the donor, the donor's spouse, children, in-laws and parents will have a "blood credit" in case of need, anywhere in the country. There will be a blood drive coming soon, as they say of the movies, to an area near you:

October 1	Medical School student lounge	11 a.m. - 7 p.m.
October 3	Harnwell House	1 p.m. - 7 p.m.
October 17	Phi Delta Theta 3700 Locust Walk	10 a.m. - 5 p.m.
October 21	Dental School	11:30 a.m. - 6:30 p.m.
October 22	Graduate Towers B	2 p.m. - 7:30 p.m.
October 24	Wistar Institute	10 a.m. - 2 p.m.
October 31	Christian Association	11 a.m. - 6 p.m.

ALMANAC: 515 Franklin Building (16) Ext. 5274

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