

Almanac

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Lindback Awards, 1973

Eight awards for distinguished teaching during the 1972-73 academic year were announced at Commencement.

The awards, each of \$500, are made possible by funds presented annually to the University by the Christian R. and Mary F. Lindback Foundation. Candidates are nominated by faculty and students and final selection of the award recipients is made at the Provost's Staff Conference. The eight 1973 Lindback Foundation Award winners:

DR. PETER CONN, Associate Professor of English and Associate Dean of the College, who was instrumental in organizing the new College of Thematic Studies to provide semester-long interdisciplinary programs of study for freshmen and sophomores.

DR. MARIA DELIVORIA-PAPADOPOULOS, Assistant Professor of Physiology in the School of Medicine, who teaches physiology and pediatrics and also provides instruction in the new-born nurseries of HUP and Philadelphia General Hospital. She also has worked extensively with high-school students who have served as part-time research assistants in the High School Education Program-University of Pennsylvania (HEP-UP).

DR. GERALD DOPPELT, Assistant Professor of Philosophy, who teaches moral and political philosophy, the philosophy of science, social and political theory, and the philosophy of psychology and social science.

DR. DONALD G. LEE, Professor of Anatomy in the School of Veterinary Medicine, a member of the University faculty since 1937 who served as Associate Dean, 1962 to 1972, and Chairman of Anatomy in the School, 1951 to 1961.

DR. MALCOLM LYNCH, Associate Professor of Oral Medicine and Assistant Dean for Hospital and Extramural Affairs of the School of Dental Medicine, who teaches courses in oral medicine, physical diagnosis and laboratory diagnosis.

DR. JACK REECE, Assistant Professor of History and Undergraduate Chairman of the History Department, who recently has conducted research on independence movements in Sicily and Brittany. He teaches European history of the 19th and 20th centuries.

DR. FRANCIS H. STERLING, Assistant Professor of Medicine in the School of Medicine, a specialist in endocrinology who became program director of the advanced training program in endocrinology in 1972.

DR. HERBERT S. WILF, Professor of Mathematics, author or editor of several major mathematics texts including *Mathematical Methods for Digital Computers* (with A. Ralston) and *Mathematics for the Physical Sciences*. He headed the Committee on the Goals of Higher Education of the College of Arts and Sciences in 1969.

AAUP ELECTION: RALPH AMADO

At its annual spring membership meeting April 17, the University Chapter of the American Association of

(Continued on page 2)



An anonymous alumni donor's gift sets high-intensity lighting in place for campus safety.

NEWS IN BRIEF Continued

University Professors elected new officers and members of the Executive Board:

Ralph D. Amado, President
Ann R. Miller, Vice-president
Brian F. Chellas, Secretary
June Axinn, Treasurer
Marten S. Estey, Member of the Board, 1973-1975
Larry P. Gross, Member of the Board, 1973-1975
Carroll Smith-Rosenberg, Member of the Board, 1973-1975

Continuing to serve on the Executive Board are Phillip DeLacy and James O. Freedman, Past Presidents; and Benjamin F. Hammond, W. Allyn Rickett, and Ronald C. Rosbottom.

REORGANIZING PAYROLL, PERSONNEL

Vice President Harold Manley has announced the signing of an agreement with Integral Systems, Incorporated, to assist University officers in the installation of a new personnel-payroll data system. The I.S. system has been installed at a number of other major universities to give a particularly sophisticated and flexible mechanism for record keeping, reporting and payroll.

At the same time Mr. Manley announced reorganization of the Payroll and Personnel Services departments. Two different departments, Personnel Information Services and Personnel Administrative Services, will be organized under the Executive Director of Personnel Relations. William Drye will be Director of Personnel Information Services, retaining his present title of Assistant Comptroller. James J. Keller will be re-titled Director of Personnel Administrative Services.

A-3 ELECTION: WEYAND, KANE, EMORE

The A-3 Assembly reelected Margaret Weyand as spokesman, reelected Joseph Kane to the Steering Committee and added Mary Emore to that Committee in May 17 balloting. All serve one-year terms. The Assembly elected two-year representatives to the Coordinating Committee:

Alton DuBrey	Sara Margolis
William Hoffman	Phyllis Nemarow
Evelyn Holmes	Alan Rossin
Berniece Jordan	Pauline Winitz

and reappointed for another year:

Una Deutsch	Patricia Hanrahan
Dorothy Delevie	Margaret Sabre
Mildred Foster	Virginia Scherfel
Sandra Schwartz	

The Coordinating Committee has as standing members:

Marion Hearn	Mary Moffatt
Virginia Hill	Myrna Quitel
Martha Knecht	Hilda Rifkin

Iris South

ALUMNI REELECT STRAUSS

Mrs. Ione A. Strauss, CW '54, has been reelected President of the General Alumni Society of the University. In 1972, she became the first woman to head the 130,000-member organization in its 75-year history and to head a major private university alumni society.

She was elected to a second one-year term as President by the Society's directors at their spring meeting held May 18 during the Alumni Weekend activities. As President, Mrs. Strauss serves exofficio as a Trustee of the University.

Re-elected Vice-Presidents were McBee Butcher, C '61, Nelson Harris, '48, and Mrs. Margaret Mainwaring, '47.

Russell P. Heuer, Jr., Chem. Eng. '55 and '57, was re-elected Treasurer. Michel T. Huber, Wh. '53, Annenberg '61, continues as Executive Secretary of the Society.

REGISTRAR: DOUGLAS DICKSON

Douglas R. Dickson has been named University Registrar, succeeding Richard T. Paumen, who became Assistant Vice President for University Management Information Systems last fall. Mr. Dickson, who has been Director of Student Information and Planning since 1969, earlier served as lecturer in English, Director of Men's Residence and Director of Student Financial Aid.

DEVELOPMENT: PAT MEYERS

Patricia Meyers, Director of Academic Programs in the Office of Vice Provost for Undergraduate Studies, will transfer July 1 to a new position in the Development Office, with special responsibilities for educational program development.

TRAINING FOR PENN PERSONNEL: MOTIVATION FILMS

In June and July, the Training and Staff Development Office will present a series of management seminars using nine Gellerman Motivation and Productivity films, Executive Director of Personnel Gerald L. Robinson has announced.

The seminars, open to personnel in managerial and supervisory positions, will be conducted by Training Officer Richard (Jack) Glover. The series will include several sessions on motivation and the management of human assets, among them a two-part treatment of McGregor's Theory X and Theory Y.

Administrators interested in attending or in sending members of their staffs to the seminars should contact Mia Argentieri, Assistant Director of the Training Office, at Ext. 6693.

MANAGEMENT FOR DENTISTS

Dr. Donald L. Guess, D.D.S., will discuss special problems of taxation, investments and credit usage for dentists, physicians, attorneys and other professionals in a two-day program June 12 and 13 at the School of Dental Medicine. Dr. Guess, a former bank director now practicing in Colorado, addresses himself to management of personal affairs, and money and growth toward security, both for the young and older professional. The program is one of approximately 60 post-graduate courses being sponsored this year by the School's Division of Continuing Education. For information, call Dr. Frederick Chacker, Ext. 6505.

SAMARA REINSTATED AFTER PENN APPEAL

University officials last week won an appeal to restore eligibility for Fred Samara, a senior decathlon competitor who was charged with violation of NCAA rules for competing in an AAU-sponsored track meet between U.S. and U.S.S.R. athletes in March.

At NCAA's insistence, Dean Alice F. Emerson in her capacity as University eligibility official ruled Samara ineligible on May 17; but the same day she initiated the appeal which reinstated him May 21.

A COLLEGE DEGREE: JUNE 12

The job classification study group of the A-3 Assembly is sponsoring a panel discussion, "How Important is a College Degree?" Tuesday, June 12, in B-13 Levy Building, 1 p.m.

OF RECORD



RESEARCH SUPPORT FUND

Following is the text of a memorandum from the Director of Research Administration describing a special fund for relief of CONTINUING contracts and grants affected by the increased indirect cost rate as outlined here April 10, 1973.

In consultation with Prof. Hobstetter and the Ad Hoc Committee on Overhead Recovery (Profs. C. Dwyer, J. Ferguson and S. Frankel), the University has developed a plan of Special Direct University Support (SDUS). This support will be provided to continuing contracts and grants which attempt, but fail, to obtain sufficient increased funds to meet the new indirect research cost recovery. A percentage of the difference between the new indirect cost recovery (based on 44.5% of total direct costs) and the present recovery (based on 37.0% of salaries and wages) will be provided by the University as direct support of the research of the contract or grant. This percentage will decrease over the next four years so that the new cost recovery will be phased in slowly. The percentage will be 80% FY 1974; 60% 1975; 40% 1976; 20% 1977.

IMPLEMENTATION

Effective July 1, 1973, or later, depending on the terms of the specific contracts or grants:

1. Grants and Contracts which are on a fixed rate for the duration of the total project period will be unaffected until they are renewed.

2. Contracts for which we may seek additional indirect cost funds will be re-negotiated in an effort to gain the additional indirect cost. In those cases where we are successful the contract will still have the same amount of direct cost money to spend and will be unaffected by the change (in cases where we are unsuccessful, Rule 3 below will apply).

3. Those grants and contracts which are funded for an additional period and for which we do not receive an increase in funding to cover the indirect cost increase (over the same time intervals) will be provided SDUS on the formula above.

4. Those grants or contracts on which we are able to get a partial increase but not a full increase will be provided SDUS based on the formula above.

5. New Proposals which have no history for comparison will not be covered by these provisions.

PROCEDURE

The SDUS procedure will be conducted under the general direction of the Vice Provost for Graduate Studies and Research who will have the advice of a review committee established by the Committee on Research of the University Council. The review committee will consist of at least five faculty members drawn from various academic disciplines. The Office of Research Administration will provide staff support for the committee. The review committee will study the documentation relating to each SDUS request and advise the Vice Provost if the claim appears substantiated and in what amount.

The principal investigator must originate a request for SDUS by a letter to the Office of Research Administration setting forth relevant facts. The Office of Research Administration will review the grant or contract file to substantiate the facts set forth and will forward all information to the review committee for its consideration.

ACCOUNTING PROCEDURES

The University SDUS fund will be assigned a specific account code number and funds to the principal investigator will be in the form of sub-grants from this fund and will be assigned individual account code numbers to enable the University to monitor the use of the funds. These funds can only be used by the principal investigator to supplement the direct cost dollars of his sponsored research project.

—Reagan A. Scurlock

THINGS TO DO

THE CABARET. Grand summer opening of the varied entertainment program returning by popular demand. Houston Hall auditorium, June 1, 9 p.m. Admission and food free, sodas at a small price.

RAYMOND AND MARIA DEL PICO TAYLOR. Piano and violin recital. Houston Hall auditorium, June 6, 8 p.m. Free.

PRINT SALE. Graphics from the Ferdinand Roten Galleries by well-known and younger artists. Houston Hall, June 13.

ALICE IN WONDERLAND. Musical version of Alice's adventures performed by the Musicrafters and directed by Betty Chomentowski. Zellerbach Theatre, June 15, 16, 22 and 23, 8 p.m.

SUMMER OPERA WORKSHOP. Under the direction of Dr. Franklin Zimmerman, music students will perform Purcell's *Dido and Aeneas*: Lecture on the opera, June 19; public seminar on English opera in the Baroque, June 25; Lecture on Henry Purcell as a dramatic composer, June 26; open rehearsal, *Dido and Aeneas*, June 26; full performance, June 28.

OFF-CAMPUS MUSIC. Tickets for Philadelphia Orchestra 1973-74 series and for free Robin Hood Dell concerts this summer are available in the Houston Hall Director's Office.

FILM SERIES

CHRISTIAN ASSOCIATION FILM SERIES. Classic films continue to play the CA Wednesday and Thursday nights until June 28. Showings at 7:30 p.m. and 9:30 p.m. Tickets: 75¢

SECOND ANNUAL INTERNATIONAL FESTIVAL OF FILMS BY WOMEN. Thursday evenings through June 28. Annenberg School auditorium, 7:30 p.m. Tickets: \$1.

SUMMER FILM SERIES sponsored by Houston Hall. More gems of the silver screen every Tuesday and Friday nights through June 26. Fine Arts auditorium, 7 p.m. and 9:30 p.m. Tickets: 75¢.

For film programs, see the weekly Summer School Bulletin published every Monday at Houston Hall.

SUMMER HOURS

Bookstore: Monday-Friday 8:30 a.m.-4:30 p.m. (after June 1)

DINING SERVICE

Houston Hall snack bar: Monday-Friday 8:30 a.m.-3:30 p.m.
Stouffer Triangle (upper level only): Breakfast, 7:30 a.m.-10 a.m.; Lunch, 11:30 a.m.-1:30 p.m.; Dinner, 4:30 p.m.-6 p.m.

LIBRARIES

Van Pelt: 8:45 a.m. to 9 p.m. weekdays, 9 to 5 Saturday, closed Sunday. *Rosengarten*: same hours weekdays and Saturday, open Sundays 2 to 10 pm. (June 29, open 8:45-5, closed June 30 and July 1.) *Fine Arts*: Monday-Thursday 9 to 9, Friday 9-4:30; closed weekends. *Music*: 9 to 5 until June 1, then 9-4:30 weekdays; closed weekends. *Lippincott*: Monday-Thursday 8:45-9:00; closes at 5 Fridays; 9 to 5 Saturdays and closed Sunday. *Annenberg* after May 30: Monday-Friday 9 to 4:30, closed weekends. *Medical School*: Monday-Thursday 8:30 a.m. to midnight; to 7 p.m. Fridays; 9 to 5 Saturdays, 2 to 8 Sundays.

RECREATION

	Monday-Friday	Saturday
Gimbel Gym-Sheerr Pool	noon-7 p.m.	noon-5 p.m.
Hutchinson Gym and pool	noon-7 p.m.	closed
Weightman Hall	closed	closed

Telephone reservations for tennis courts: (trial period until June 15). Calls for reservations will be accepted at Ext. 8383 Monday-Friday, 9 a.m.-noon. Register at Room 205, Hutchinson Gym for a TRPC (Telephone Reservation Privilege Card) for Palestra courts; good for ten reservations. Registration fee: \$1; TRPC, \$10. Guest card (secured in advance): \$2.

COUNCIL

MAY 9 REGULAR MEETING

At its last regular meeting May 9, Council elected to the Steering Committee for 1973-74 Professors Jean Crockett, Phoebe S. Leboy, Howard Lesnick, Philip G. Mechanick and Morris Mendelson.

Council also continued action on the Development Commission proposals that were studied by the Educational Policy Committee under Dr. Vincent G. Whitney (*Almanac* March 20, 1973). The Committee's recommendation concerning UDC #87 (Calendar) was to ask for prompt study by the Academic Planning Committee; the Steering Committee to designate an alternate course if Academic Planning's full agenda precludes early attention.

In response to UDC recommendations on educational programs, options, living/learning projects and chairs, Council passed the following action based on resolutions by Dr. Whitney with amendments italicized:

1. That in all matters relating to the education of students, the educational purpose and soundness of a proposal receive initial consideration; and that the feasibility of a proposal from the viewpoint of funding be reviewed separately and subsequently.

2. That given the centrality of a strong student body and a strong faculty in meeting the educational goals of the University, and in support of the proposals of the Development Commission, a high priority be given by the Administration to the attempt to increase substantially both scholarship and fellowship funds for good students and the number of endowed chairs, with related support, for outstanding faculty.

3. In full recognition of the soundness of the principle of making available an increased number of small classes to freshmen and sophomores, but with an awareness of the need for flexibility since the ability to provide such classes will vary with schools and departments, that

(a) the number of small classes for freshmen and sophomores be increased in departments and schools where this is appropriate in terms of the interest of students and the availability of staff. *In the light of this, the University should move toward enabling every freshman and sophomore to take at least one course per term with fewer than twenty students in it; and further that*

(b) careful study of programmed learning and other possible alternatives involving greater student self-direction be initiated for undergraduates at all levels.

4. Given the desirability of promoting frequent contacts between undergraduate students and senior scholars, but with recognition that undergraduate classroom contact cannot sensibly be made a requirement for all faculty,

That departments accept the responsibility to encourage distinguished faculty scholars and other able tenured staff members to offer undergraduate classes, seminars, and independent study projects regularly or from time to time, depending on the suitability of such an assignment in relation to overall individual and departmental responsibilities.

5. In relation to University Development Commission Recommendation 23:

That as the UDC proposal to draw up special-options programs is implemented by the Vice Provost for Undergraduate Studies, he call upon representative groups of faculty to be involved at all stages.

6. The Council supports the high priority assigned by the University Development Commission to the funding of additional professorships. It recommends that the chairs be filled by persons who are both national leaders in their fields of endeavor and superior teachers. In most departments of the University, leadership will take the form of contributions to knowledge, but in some departments an appropriate criterion may be outstanding achievement of other kinds, as for example, artistic creativity.

(a) *Certain of the endowed professorships to be sought should be specifically reserved for outstanding persons (as de-*

finied above) who have the additional accomplishment of being excellent undergraduate teachers. [Council further recommends that]

(b) Within the principle set forth in (a), a limited number of chairs be used on a rotating basis for term appointments of up to five years, ordinarily to be filled by outstanding young faculty who combine an aptitude for research with innovative and highly competent teaching;

(c) Endowed professorships be used both to support eligible present members of the faculty and to recruit others;

(d) Ordinarily all holders of chairs be members of departments or units of the University and make some contribution to teaching; and

(e) Endowed professorships not limit their holders to either graduate or undergraduate teaching by restrictions or privileges not customary in other professorial appointments.

Based on Senate study and recommendations concerning UDC #21, #22, and #23, Council passed the UDC original on #21:

21. That immediate steps be taken to render voluntary early retirement an acceptable financial possibility.

and the Senate's versions of #22 and #23:

22. That the Trustees immediately lower the compulsory retirement age to 65 for all faculty members who achieve tenure after June 30, 1974, except that the present compulsory retirement age of 68 or 70 shall continue to apply to all those employed by the University as of July 1, 1973, in tenure probationary status.

23. A tenured position vacated by retirement, resignation or death should be filled by the person whose scholarly qualifications will best serve the long-term interests of the department and school concerned. In making such a determination, some consideration should be given to maintaining a reasonable faculty age profile.

UDC #25, which calls for extension of the probationary period in clinical areas, was tabled to May 14 upon Dr. Peter Nowell's announcement that results of a Medical Council referendum would be available.

MAY 14 SPECIAL MEETING

UDC #25 was again tabled (to May 23) after Dr. Phoebe Leboy announced that referenda were in progress by Dental and Veterinary Medicine faculties. The remainder of the meeting was devoted to the Mendelson Report on University Life (*Almanac* May 8). Action on Dr. Mendelson's four resolutions drawn from the Report consisted of passage of the following, with amendments italicized:

RESOLVED, that the University Council accept in principle the report on University Life and endorse the goal advanced for an Integrative Educational Life.

That the Division of University Life as sketched out in Recommendations #32 through #34 in the accompanying text [*May 8 Almanac*] be established, taking into account the following revised wording for Recommendation #35: *The Division of University Life is to be divided into several operating units like the arts, campus activities, residential programs and life, academic programs, and advising. Each of these units is to be headed by a director.*

That the remaining specific recommendations of the Report on University Life be referred to the President and the Provost for review with the aim of specific analysis to take place by the University Council in the fall.

That the administration report to the Council by March 1974 the progress that has been made in implementing the report and what remains to be done at that time.

At the suggestion of President Meyerson, Council also adopted an amendment that the administration would report to the Council regularly on University Life and other matters, "possibly once each term." It was indicated that reports on the implementation and progress of University Life programs would be made to Council semi-annually.

OFFICE OF THE FACULTY SENATE

About mid-July the Faculty Senate will establish new offices on the third floor of College Hall to be occupied by the Senate Chairman and his secretary. Dr. Paul Taubman (Economics), the incoming Chairman, will hold the post from June 1, 1973 to May 31, 1974. Please direct all correspondence regarding Senate matters to Box 12, College Hall, and direct all telephone calls to Ext. 6943, where secretary Penny Burdon will be glad to help you. Dr. Taubman will continue to maintain his office in the Economics Department where his secretary, Diane Haspel, will be pleased to help with economics-related matters.

MAY 23 SPECIAL MEETING

Council defeated the Senate's version of Development Commission recommendation #25, which would have extended the tenure probationary period in clinical areas to ten years. At the request of President Meyerson, the Provost will report to Council in the fall on alternatives to the recommendation.

A 17-page report on suggested revisions in the Judicial System Charter was debated. Action was limited to approval of recommendation #4, which reads

We recommend acceptance of the proposed Charter revision. . . . We believe that the revision embodies a number of administrative improvements, but we have taken care to also include various safeguards and procedural protections.

The remainder of the Report was tabled; discussion will resume in the fall.

Council's third item of official business was the Dwyer Report on Representation in University Governance. The Report had not been circulated in time to allow votes on its provisions, which would amend Section II-1.(f) of the Bylaws of Council to add:

One representative of the Librarians Assembly, elected and with terms of Office in accordance with the procedures applicable to representatives of the faculty constituencies.

To do so without increasing the voting membership of Council, the Committee recommended an accompanying bylaw change which would reduce by one the at-large faculty representatives.

The Committee further recommended that Amendment to Section II.1(d) of the Bylaws would keep the number of administrative officers on Council at 12, but reduce the discretionary administrative appointments available to the President by one so that

one representative elected by the membership of the Administrative and Professional staffs of the University excluding research specialists, programmers and librarians be given a place as a full member of Council.

Based on a reading of the A-3 Assembly's purpose, stated as

a representation of interested A-3's hoping to provide a communications mechanism which will serve to refer, comment on, and help in areas of concern to A-3's, and does not presume to speak for or commit individual A-3's to any specific position or course of action,

the Committee proposed

that one representative of the A-3 Assembly be made a permanent non-voting observer at Council with the right to speak to any issue before Council. The representative is also to receive all communications, documents and materials sent to regular members of Council.

In an oral report to Council, Dean of Admissions Peter Seely predicted a freshman class of approximately 1820-1850 compared to last year's 1875, plus an additional 350 transfers in the fall and about 75 in the spring. Applications increased

8% with no reductions in the quality of the pool. The yield on admissions is down 1% in the College, down 3% in CW, up 1% in Engineering and roughly unchanged elsewhere. Benjamin Franklin Scholar acceptances were up a dramatic 5%.

ATHLETIC POLICY

Following are two texts conveyed by Dr. Ralph Preston for the consideration of the Task Force on University Athletic Policy.

One of these is from the University Committee on Recreation and Intercollegiate Athletics which consists of six members of the faculty, three students, three trustees, and two alumni.

The other statement contains recommendations from the Council Committee on Recreation and Intercollegiate Athletics. It consists of the same members of the faculty and the same students who serve on the University Committee, but it has no representation from the administration, trustees, or alumni.

UNIVERSITY COMMITTEE STATEMENT

The University Committee on Recreation and Intercollegiate Athletics wishes to call to the attention of the Task Force on University Athletic Policy its position on the following matters:

1. Participation in recreational activities is generally presumed to be beneficial to members of the University community.

2. A good intercollegiate athletic program provides a great many positive intangibles to the University community which are unrelated to income production.

3. Good facilities such as Astroturf and the Tartan Track have become available for general University community use only as a result of the existence of a successful intercollegiate program. These facilities are widely used by students, faculty, and other members of the University community and by the surrounding community in ways which are important and beneficial to the University as a whole.

4. Athletics provides a form of community building which brings together people who are dispersed geographically. It gives an emotional outlet for many members of our community. It increases our sense of pride and identity with the institution.

5. The University image in the city, in the broader community and across the nation is enhanced by the positive publicity which our intercollegiate program receives. This is tremendously important in terms of alumni identity and recruitment of outstanding students and faculty to the University.

6. The existence of first class recreational opportunities is a drawing card as we attempt to bring new students, faculty, and staff into the University family.

7. Good intercollegiate teams tend to increase participation of students, faculty, and members of the community in these University activities through their attendance at events.

RECOMMENDATIONS OF THE COUNCIL COMMITTEE ON RECREATION AND INTERCOLLEGIATE ATHLETICS POLICY, PRESIDENT MEYERSON, AND THE BUDGET COMMITTEE

The Committee recommends continuing free usage by students of the recreation facilities, and creating an annual athletic card for which a charge would be made and which would permit entrance of students to all University intercollegiate athletic events, with the possible exception of basketball games and other events at which there is limited seating capacity.

To help defray the expenses incurred in furnishing recreational facilities, the Committee recommends that a portion of the General Fee be credited to the Recreation Department.

The Committee further recommends that the Department of Intercollegiate Athletics should be encouraged to increase its income from gifts, as recommended in Item 17 of the report of the University Development Commission, and that, in order to avoid undue incursion in Alumni Annual Giving receipts, the Department of Intercollegiate Athletics and the Development Office should arrive at an equitable ceiling on the total amount of gifts which could be solicited by the Department of Intercollegiate Athletics.

JOB OPENINGS

A-1 POSITION VACANCIES

ASSISTANT DIRECTOR, HOUSTON HALL to assist in the administration of the program and use of facilities with the Director. *Qualifications:* Graduation from college; ability to deal effectively with college students. Related experience and supervisory skills. *Salary Range:* \$7500-\$9300 (midpoint).

ASSISTANT RESIDENCE UNIT DIRECTOR to assist in carrying out the duties and responsibilities of a 1600-student residence unit. *Qualifications:* Experience in residence halls. Ability to work with staff of counselors; assist in physical plant planning and develop new programs in residence. Degree required. *Salary Range:* \$7500-\$9300 (midpoint).

BUSINESS ADMINISTRATOR II to be responsible for the operation of self-supporting services, maintenance of facilities, purchasing, accounting and general financial management. *Qualifications:* College degree or equivalent experience. Familiarity with accounting methods and personnel procedures. *Salary Range:* \$8600-\$10,600 (midpoint).

BUSINESS ADMINISTRATOR III to be responsible for the management of budgets and buildings within the department. *Qualifications:* Graduation from college; experience in the administration of budgets, grants and facilities management. Ability to get along well with students and faculty. *Salary Range:* \$9900-\$12,300 (midpoint).

COLLECTION MANAGER to be responsible to the Treasurer for collection of all delinquent accounts receivable due the University. *Qualifications:* Some college preferred, with course work in law and accounting. Ability to write effectively. Business experience, preferably with some work in collections. *Salary Range:* \$8600-\$10,600 (midpoint).

COORDINATOR OF WOMEN'S STUDIES to be responsible to the Dean of the College for Women for the development and administration of the Women's Studies Program. Responsibilities include writing foundation proposals for permanent interdisciplinary undergraduate program; development and coordination of interim courses in cooperation with various departments, schools, and programs within the University; advising students with independent majors in Women's Studies; long-range planning in cooperation with faculty, students, and administration; evaluation of courses in conjunction with faculty members; administration of permanent program once instituted. Possibility of part-time faculty appointment in area of academic specialization. *Qualifications:* Master's degree, Ph.D. preferred. Administrative and teaching experience necessary, preferably in Women's Studies. *Salary Range:* \$13,100-\$16,300 (midpoint).

DEPARTMENT HEAD I—LIBRARY Administrative responsibilities for a one-person library. Selecting materials, student scheduling and possible lecturing. *Qualifications:* M.L.S. with undergraduate background in biological or physical sciences. Experience in science library desirable. *Salary Range:* \$9900-\$12,300 (midpoint).

DIRECTOR OF UNIVERSITY COMPUTING ACTIVITIES to be responsible for coordination of University-run computing activities and external sources. *Qualifications:* Ph.D. with strong academic reputation in computer-related discipline, experience in computing services, ability to qualify to teach. *Salary Range:* Undetermined.

LIBRARIAN I Head of Technical Services. Supervises all operations and staff in ordering, searching, classifying and binding books, periodicals and audio-visual materials in medical library. *Qualifications:* M.L.S. Subject background in sciences. Some experience preferred. *Salary Range:* \$8600-\$10,600 (midpoint).

PERFORMANCE COORDINATOR to coordinate all aspects of performance events in the music department. *Qualifications:* Ability to speak and write effectively, to read music, to formulate budgets. Degree in music preferred. *Salary Range:* \$7500-\$9300 (midpoint).

DIRECTOR OF ACADEMIC PROGRAMS

This major co-ordinating and administrative post involves deputizing for the Vice Provost for Undergraduate Studies in matters relating to: the planning and supervising of new academic programs spanning several schools (e.g. Freshman Seminars), the increase of curricular contacts among schools, academic planning in the undergraduate area, and the supervision of ongoing advisory and curricular programs which fall to the responsibility of the Vice Provost. Faculty rank, preferably with Ph.D., preferred but not necessary; in any case candidate should have experience in academic administration and interest in university affairs.

WOMEN'S CENTER COORDINATOR

Applications are being accepted through June 1 for the position of Coordinator of the new Penn Women's Center described in *Almanac* April 17. The Coordinator must have administrative ability and recent experience with women's groups; writing and counseling skills preferred. Salary open. Resumes to Karen Freedman, 116 Franklin Building.

REGIONAL DIRECTOR OF ADMISSIONS to be responsible to the Dean of Admissions for the recruitment and selection of students for the undergraduate divisions of the University for a major region within the country. *Qualifications:* Graduation from a recognized college or university with an educational background. Some direct experience in admissions preferred. Ability to communicate effectively with students and staff and understand the broad range of undergraduate academic requirements at the University. *Salary Range:* \$11,400-\$14,200 (midpoint).

RESEARCH SPECIALIST II for research projects in new biochemical lab. Individual would be expected to provide assistance in the writing of scientific articles. *Qualifications:* M.S. or Ph.D. Proficiency in biochemical research techniques; five or more years of responsible lab activities. *Salary Range:* \$9000-\$11,500.

SENIOR SYSTEMS ANALYST to conduct feasibility and cost/benefit analysis of systems; study and define request for systems and define interrelationships and links between systems and coordinate the design of systems in all areas of the University. *Qualifications:* Degree plus five years' direct experience in systems analysis and design, or some college plus eight years of experience. Ability to work with all management levels. *Salary Range:* \$13,100-\$16,300 (midpoint).

A-3 POSITION VACANCIES

ABTRACTOR to maintain accurate files on all newspaper and magazine articles relating to the University. *Qualifications:* Accurate typing. Excellent clerical ability. *Salary Range:* \$4600-\$5100-\$5600.

ACCOUNTS SUPERVISOR for business office on campus, to be responsible for an accounts receivable system. *Qualifications:* Graduation from a recognized college or university with work in accounting. Excellent ability to supervise required. *Salary Range:* \$7000-\$8050 (midpoint).

ADMINISTRATIVE ASSISTANT I for business office to assist in organizing and implementing programs and activities involving alumni. *Qualifications:* Typing, shorthand helpful. Ability to deal with people. Three years' secretarial experience. U. of P. experience highly desirable. *Salary Range:* \$6100-\$7000 (midpoint).

CHIEF TELEPHONE OPERATOR *Qualifications:* Graduation from high school. Five years' experience in the operation of a multiple position switchboard, including at least one year of supervisory experience. *Salary Range:* \$6100-\$7000 (midpoint).

COMPUTER OPERATOR for data processing office on campus. *Qualifications:* Graduation from high school with one year's experience in the operation of a large-size computer. *Salary Range:* \$6100-\$7000 (midpoint).

CYTOLOGY TECHNICIAN (botanical) to work on research project on campus. *Qualifications:* Six months of specific training in cytology; at least four years of direct experience as a cytology technician, using plant tissues. *Salary Range:* \$7700-\$10,100.

MACHINIST I for research area of the University. *Qualifications:* Graduation from high school with some trade school work. Completion of apprentice program or experience. Ability to work from drawings. *Salary Range:* \$5800-\$6700 (midpoint).

MEDICAL SECRETARY (June) Patient contact, budget work, manuscript typing. *Qualifications:* Medical terminology, excellent typing. Two years' experience as a medical secretary preferred. *Salary Range:* \$5800-\$6700 (midpoint).

MEDICAL SECRETARY/RECEPTIONIST Patient contact and records responsibilities for large medical department. Secretarial duties. *Qualifications:* Excellent typing and shorthand. Medical secretarial course with three years' secretarial experience preferred. *Salary Range:* \$6400-\$7300-\$8200.

NURSE TECHNICIAN Responsible for preparing patients for tests and procedures, for administering treatments and medications as prescribed to patients. *Qualifications:* Graduation from an approved three-year school of nursing; registration with the Commonwealth of Pennsylvania. *Salary Range:* \$7300-\$8350 (midpoint).

PHYSICAL LABORATORY TECHNICIAN III Microscopy, photography technician for operation and maintenance of the optical microscopes and assistance of students and staff in sample preparation, metallography and general photography. *Qualifications:* College graduation; science major. Experience in electron-microscopy. *Salary Range:* \$6400-\$7300-\$8200.

RESEARCH BIBLIOGRAPHER II—medical area. Manuscript typing, editing, compiling references, etc. *Qualifications:* College and/or some editing experience preferred. Excellent typing. *Salary Range:* \$6400-\$7300 (midpoint).

RESEARCH LABORATORY TECHNICIAN (permanent, part-time, three days/week). To work with a doctor on a research project. *Qualifications:* Graduation from college with a science major, preferably in biology or chemistry. *Salary Range:* Undetermined.

RESEARCH LABORATORY TECHNICIAN II to perform general lab analyses, assist investigators in advanced laboratory procedures. *Qualifications:* Graduation from a one-year course in general lab techniques. Three years' direct experience in related work. *Salary Range:* \$6100-\$7000-\$7900.

RESEARCH LABORATORY TECHNICIAN III Varied and usually complex laboratory analyses, e.g., tissue culture, sterile techniques, quantitative analyses, biochemical and endocrine concepts. *Qualifications:* Graduation from an approved college with a science major, preferably in biology, chemistry, biochemistry, microbiology. Experience is advantageous. *Salary Range:* \$7000-\$8050-\$9100.

SECRETARY I (6) *Qualifications:* Good, accurate typing and clerical ability. Light shorthand, some experience preferred. *Salary Range:* \$4400-\$4900 (midpoint).

SECRETARY II (16) *Qualifications:* Excellent typing; some require shorthand as well as dictaphone. Ability to perform varied duties. *Salary Range:* \$5000-\$5750 (midpoint).

SECRETARY III (10) *Qualifications:* Interest in working with figures. Excellent typing; shorthand and/or dictaphone. Ability to work with minimum of supervision in performing varied duties. *Salary Range:* \$5500-\$6250 (midpoint).

TYPIST II *Qualifications:* Good typing with clerical ability. Light bookkeeping. Some experience preferred. *Salary Range:* \$4200-\$4700-\$5200.

Those interested should contact the Employment Section of the Personnel Services Department (Ext. 7285) for an interview appointment. Inquiries by present employees concerning job openings are treated confidentially by the Personnel Office.

BULLETINS

APPLICATIONS FOR DAY CARE

A University Day Care Center is scheduled to open in September for 50 infants through five-year-olds who are children of faculty, staff or students. To apply, leave name and telephone number at the School of Social Work, Ext. 5511.

WOMEN'S SELF DEFENSE

Women faculty, staff and students may join the Women's Self Defense course now in progress at Weightman Hall as part of the University's summer school. Gloria Einstein is teaching two sections, one 3:30 to 5 and the other 5:30 to 7, on Mondays and Wednesdays, in the dance studio at Weightman.

Classes are free. Women should wear loose-fitting clothing. Changing rooms and showers are available, but women should bring their own combination locks and, unless they have Recreation Department discs, their own towels.

AS OTHERS SEE US

Pennsylvania in the News, a sampler of recent clippings about the University in the national and local press, is available in limited numbers from the Director of Public Relations, Ext. 8448. Some 44 pages of clippings were chosen from thousands received by the News Bureau each month. A supplement summarizes radio-TV coverage.

A-3 PICNIC: JUNE 24

The A-3 Assembly invites A-3 staff and their families to a picnic at New Bolton Center Sunday, June 24, from 10 a.m. to 6 p.m. Details and directions will be in the June A-3 Assembly Newsletter, available from Virginia Hill, Ext. 6171.

SOCIAL SECURITY NUMBERS NEEDED

Beginning October, the University will supply the required Social Security number on U.S. Savings Bonds purchased through the Payroll Savings Plan. Employees holding bonds in co-ownership or beneficiary form are asked to supply secondary Social Security numbers in writing to Richard Somers, Comptroller's Office, Third Floor Franklin Building.

(Continued on page 8)

TO THE UNIVERSITY COMMUNITY

We would like to inform all members of the U. of P. community of the opening of the University City New School.

The New School, formed by a group of West Philadelphia residents including faculty, staff and their wives, is a small low-cost private school designed to provide an innovative, integrated educational program in West Philadelphia. The School is based on the open-classroom model and will offer a varied and exciting curriculum to children aged 5 through 8 beginning September, 1973. The New School will be using the parish house of The Holy Apostles and The Mediator Church, located on the corner of 51st and Spruce Streets. The site offers several spacious classrooms, a large indoor play space, and the use of two neighboring parks for outdoor play areas.

The University City New School was created to answer a strongly felt need for responsive alternative education in our area. We plan to have an after-school program to accommodate the children of working parents. The School looks forward to serving children of the varied social, religious, and racial backgrounds that comprise the West Philadelphia community, including employees of Penn and its related institutions. For further information including opening date, tuition and scholarships, and plans for future development of the University City New School, contact Harriet Williams, 471-6778, or write to Isabel Stewart, 4817 Trinity Place, Philadelphia 19143.

—Julie Dutton, Secretary of the New School

BULLETINS continued

COMPUTER NUMBERS

A series of "1800" numbers provide free computing for the University user with modest computing requirements. The restrictions imposed upon these numbers allow only "small" jobs to be processed, but with high priority, and at no expense to the user or his/her department. "1800" numbers are currently assigned by school, each school having one for faculty use and one for student use. On June 1, the 1800 numbers will be assigned by terminal. The appropriate "1800" number will be a function of two factors: 1) the terminal from which the job is submitted, and 2) the status of the user (i.e., faculty or student):

<i>Terminal</i>	<i>Student No. (& Password)</i>	<i>Faculty No. (& Password)</i>
Vance	1803 (C86)	1853 (DA3)
Towne	1808 (C9B)	1858 (DA8)
UNI-COLL	1806 (C89)	1856 (DA6)
McNeil	1810 (C9D)	1860 (C97)

FIRE EXTINGUISHERS

The Safety Office has begun monthly inspections of all fire extinguishers on campus, Safety Engineer John Strouse has announced. More frequent inspections are now required by law to ensure that in an emergency, the extinguishers will be fully charged. Any University office which needs its fire extinguisher serviced or replaced may phone Ext. 6921 or 7297.

GRANTS

SPONSORED RESEARCH

Summary of Contracts and Grants for Research and Related Activities Received by Faculty Members During April 1973

ARMY: *D. Aviado* (Pharmacology) "Drug Therapy of Acute Pulmonary Insufficiency" \$29,400 . . . *M. Joullie* (Chemistry) "Derivatives of 1, 2, 4- Triazines, Etc." \$13,986.

NAVY: *J. Black* (Orthopedic Surgery) "Proposal for Study of the Micro-Mechanical Properties of Viable Mammalian Bone" \$31,565 . . . *E. Burstein* (Physics) "Optical and Acoustical Spectroscopy of Solids" \$29,500 . . . *L. Nanis* (Chemical Engineering) "Fundamental Corrosion Studies: Hydrogen Embrittlement" \$32,552 . . . *N. Prywes* (Moore School) "Computer Aids to Human Intellect" \$55,000 . . . *H. Rasmussen* (Biochemistry/Med.) "Effects of Increased Oxygen Tension on Cell Metabolism" \$21,000 . . . *B. Steinberg* (Moore School) "Research in Distributed, Conformal, Adaptive Antenna Arrays" \$94,968.

PUBLIC HEALTH SERVICE: *W. Cuskey* (Community Medicine) "Drug Abuse Behavior Among Narcotic Addicts Under Methadone Treatment" \$46,439 . . . *M. Allam* (Veterinary Medical School) "General Research Support Grant" \$66,280 . . . *W. Benjamin* (Medicine) "Career Development Award" \$25,000 . . . *C. Brighton* (Orthopedic Surgery) "Stimulation of Extremity Growth by Electrical Fields" \$28,422 . . . *C. Brighton* (Orthopedic Surgery) "Epiphyseal Plate Growth" \$25,000 . . . *F. Castano* (Pedodontics) "Dental Auxiliary Utilization Program" \$47,857 . . . *M. Cava* (Chemistry) "Indole Alkaloid Studies" \$28,019 . . . *R. Coburn* (Physiology) "Carbon Monoxide Production and Body CO Stores" \$31,332 . . . *A. Fisher* (Physiology) "Calcium Effects on Oxidative Metabolism of Lung Tissue" \$21,989 . . . *A. Gellhorn* (School of Medicine) "General Research Support Grant" \$133,817 . . . *S. Goodgal* (Microbiology/Med.) "Studies on Transformation in Hemophilus Influenzae" \$82,786 . . . *A. Kovner* (Community Medicine) "Traineeships in Health Care Administration" \$16,950 . . . *R. Marshak* (Clinical Studies-Vet.) "Experimental and Natural Transmission of Bovine Leukemia" \$20,000 . . . *J. Ostrow* (Medicine) "Alternate Pathways of Bilirubin Metabolism" \$23,010 . . . *M. Reivich* (Neurology) "CBF and

Metabolism in Stroke and Shock" \$307,669 . . . *H. Sloviter* (Surgery/Neurosurgery) "Erythrocyte Lipids and Cellular Function" \$30,545 . . . *G. Solomon* (Pathobiology) "Parasite Granuloma Formation" \$23,475 . . . *J. Williamson* (Johnson Foundation/Biophysics) "Control of Metabolism in Normal and Diseased State" \$67,184 . . . *A. Winegrad* (Medicine) "Studies of the Uronic Acid Pathway in Human Diabetes" \$71,662 . . . *J. Brady* (Psychiatry) "Research Career Development Award" \$31,239.

DEPARTMENT OF TRANSPORTATION: *S. Gupta* (Statistics and Operations Research) "Study of Efficiency and Productivity of Urban Transportation Systems" \$83,975.

DEPARTMENT OF LABOR: *A. Miller* (Sociology) "Experimental Study of the Relationship Between the Growth of Employment and Migration, Etc." \$76,491.

ATOMIC ENERGY COMMISSION: *D. White* (Chemistry) "Rotational Ordering in the Solid Molecular Hydrogens" \$26,327.

NATIONAL SCIENCE FOUNDATION: *D. Devault* (Johnson Foundation/Biophysics) "Biological Reactions of Less Than Microsecond Halftimes" \$45,000 . . . *B. Harris* (City and Regional Planning) "Establishment of a Teaching Program in the Planning and Policy Services" \$109,610 . . . *J. Lepore* (Towne School) "Dynamic Stability of Nonlinear Stochastic Systems" \$15,200 . . . *H. Morgan* (Management) "Workshop on Research on Computers in Organization" \$16,300 . . . *A. Rosenquist* (Anatomy) "Anatomy and Physiology of the Clare-Bishop Area" \$40,000 . . . *K. Sanders* (Ob/Gyn) "Function of Prostaglandin in Reproduction, Parturition and Infertility" \$9,890 . . . *D. White* (Chemistry) "Research Instrumentation" \$117,900 . . . *B. Wolf* (Pathobiology) "Induction of Antibody Formation in Single Cells" \$39,500.

PHILADELPHIA SCHOOL DISTRICT: *L. Shoemaker* (School of Social Work) "Contract With Philadelphia Board of Education" \$21,226.

PRIVATE FOUNDATIONS, RESEARCH ORGANIZATIONS AND ASSOCIATIONS, AND INDUSTRY: AMERICAN CANCER SOCIETY: *J. Williamson* (Johnson Foundation/Biophysics) "Control of Anion Transport in Tumor Tissue" \$42,016. AMERICAN DIABETES ASSOCIATION: *A. Morrison* (Medicine) "Research and Development Award" \$13,884. AMERICAN MEDICAL ASSOCIATION: *R. Chamberlain* (Radiology) "Radiology-Vietnam" \$10,835. ASSOCIATION OF AMERICAN MEDICAL COLLEGES: *P. Storey* (Community Medicine) "Hemo Prototype Colleges Program" \$10,000. COUNCIL OF TOBACCO RESEARCH: *D. Aviado* (Pharmacology/Med.) "Influence of Cigarette Smoke on Pulmonary Emphysema and Bronchospasm" \$25,000. FIDELITY BANK: *R. Ackoff* (Management Science Center) "Fidelity Bank-Marketing" \$40,000. INTERNATIONAL SUGAR RESEARCH FOUNDATION: *A. Humphrey* (Chemical Engineering) "Utilization of Sugar Cane and its By-Products for Production of Single Cell Protein" \$10,473. LICENSED BEVERAGE INDUSTRIES, INC.: *R. Macgregor* (Medicine) "Alcohol Effect on Inflammatory Response to Infection" \$7,500. MUSCULAR DYSTROPHY ASSOCIATION: *G. De La Haba* (Anatomy) "Biochemical Requirements for Myogenesis of Striated Muscle in Vitro" \$9,850 . . . *H. Holtzer* (Anatomy) "Aspects of Myogenesis" \$10,000 . . . *A. Kelly* (Pathobiology) "Investigation of Satellite Cells in Experimentally Denervated Mouse Skeletal Muscle" \$9,958 . . . *D. Schotland* (Neurology) "Electron Cytochemical Studies of Human Muscle Mitochondria" \$12,301. NATIONAL CYSTIC FIBROSIS FOUNDATION: *M. Litt* (Chemical Engineering) "Assay of Cystic Fibrosis Secretion Factors" \$12,500. ROCKEFELLER FOUNDATION: *S. Nicosia* (Ob/Gyn) "Basic Science Research Position in Reproductive Biology: A Study of Reproductive Tissue" \$130,000. TOWER INTERNATIONAL TECHNOMEDICAL INSTITUTE: *S. Takashima* (Moore School) "Electrical Activities of Cultured Nervous Tissues" \$2,200. UNIVERSITY OF PITTSBURGH: *F. Rosato* (Surgery/Neurosurgery) "Study of Treatment of Primary Breast Cancer" \$10,000 . . . REGIONAL SCIENCE RESEARCH INSTITUTE: *A. Strong* (City & Regional Planning) "Development Constraints for the Wissahickon" \$2,434.

SUMMARY: Contract and Grant Awards July 1972 through April 1973: 541, totaling \$33,894,902.

ALMANAC: 515 Franklin Building, Ext. 5274
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