

Almanac

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Harold L. Zellerbach last year.

Harold L. Zellerbach, 1894-1978

Harold L. Zellerbach, emeritus life trustee and long-time patron of the University in whose honor the Zellerbach Theater was named, died January 29 at the age of 83.

A prominent industrialist and patron of the arts, Mr. Zellerbach headed for 50 years the Crown Zellerbach Corporation, a paper company begun by his grandfather in 1870.

Mr. Zellerbach received his bachelor's degree in economics from the University in 1917. More than 50 years later, in May, 1974, he was awarded the honorary degree Doctor of Laws. That citation read, in part, "His devotion to education has brought his University attentiveness that goes far beyond his role as a Trustee."

Devoted to the Arts

Mr. Zellerbach was known for his devotion to the arts. In 1968, the Harold and Doris Zellerbach fund contributed \$500,000 towards the building of the University theater that bears the family name. A few years later, in 1976, the Zellerbach Family Professorship in the Performing and Dramatic Arts was established through another contribution from the Zellerbach family, to help bolster the University's academic concentration in the theater arts.

In addition to his gifts to Penn, Mr. Zellerbach helped finance a campus theater at the University of California at Berkeley and contributed a substantial sum towards the construction of a new performing arts center in San Francisco. His name appeared as board member or president of a number of cultural, civic, educational and religious organizations, among them the San Francisco Art Commission, for which he served as president for 28 years.

Indispensable Support

Stephen Goff, managing director of the Annenberg Center, said of Mr. Zellerbach, "His gift to the building fund was, of course, indispensable, and his support of the University has been of substantial continuing importance. But above that we valued his steadfast interest in our activities. . . . We are proud that his name will be with us in perpetuity in the Zellerbach Theater."

Council: Feb. 8 Agenda Set

The University Council will meet Wednesday, February 8, from 4 to 6 p.m. in the Council Room of the Furness Building. Agenda items include: reports from the president, provost and chairman of the Steering Committee; a progress report on "Guidelines for Admissions Policies and Procedures at the University of Pennsylvania"; and a discussion of the responsibility center budget system. The admissions policies guidelines will appear in *Almanac* when a final draft is completed.

Construction to Begin on Blanche Levy Park

Construction of the Blanche Levy Park on College Hall Green is scheduled to begin in late February or early March, according to Fred A. Shabel, vice-president for Operational Services.

Basic construction work will take about six months, with plantings and topsoil to be installed in September and October—the prime planting season.

As part of the relocation of walkways and the development of new plantings, several large trees will be removed, while others will be pruned. The Landscape Architecture Department of the Graduate School of Fine Arts and the staff of the Morris Arboretum will provide technical supervision.

"The trees scheduled to be removed are either damaged or diseased," according to Peter Shephard, dean of the Graduate School of Fine Arts, who headed the faculty team which developed the Blanche Levy Park concept. "The number of trees removed will be more than offset by new plantings of healthy trees," Shephard said.

Construction is being financed by a \$1 million restricted gift from Blanche Levy for the specific purpose of "creating a beautiful space at the heart of the University." The funds are not available for any other purpose and do not affect the University's current operating budget, Shabel said.



College Hall Green as it will appear when landscape work is completed next August.

Latest Development Campaign Figures Released

Donations to the University's Program for the Eighties development campaign totalled \$137,079,985 as of January 27, or 54 percent of the final goal, according to statistics released last week.

Individuals have given \$69,176,240, or 52 percent of the goal; \$19,849,035—59 percent of the \$33,700,000 target—have been received from corporations; while foundations have contributed an even 50 percent, or \$35,312,886, of their goal; and 69 percent, or \$12,741,824 has been received from associations.

The development drive, begun in 1975, is aiming at a figure of \$255 million.

Brookhaven Project Gets Presidential Go-Ahead

President Jimmy Carter has recommended authorization for the construction of the Isabelle accelerator, a major physics research project proposed by the Department of Energy, to be located at Brookhaven National Laboratory, a non-profit, research management organization sponsored by nine universities, Pennsylvania among them.

The Isabelle accelerator, whose construction period is estimated at seven years, will be the world's highest energy accelerator for physics research. Congress has already appropriated \$5 million for the current fiscal year 1978 for the detailed design of the accelerator.

According to scientific reports, the most important new feature of Isabelle, an intersecting storage accelerator, is the use of superconducting magnets which will facilitate the production of energy amounts up to 13 times higher than can now be achieved. The superconducting technology has applications in industry as well as in electric power transmission.

University members of Associated Universities, Inc. (AUI), which operates Brookhaven under a contract with the U.S. Energy Research and Development Administration, include: Columbia, Cornell, Harvard, Johns Hopkins, M.I.T., Princeton, University of Pennsylvania, Rochester and Yale.

Senate Nominating Committee Elected

Since no additional nominations by petition have been received within the allotted time, the Advisory Committee's slate for the Nominating Committee has been declared elected. Those elected are:

June Axinn (social work), *chairman*
James C. Davis (history)
Sherman Frankel (physics)
Peter J. Freyd (mathematics)
Larry Gross (communications)
John A. Kastor (medicine)
Janice Madden (regional science)
Robert Maddin (metal. & materials science)
Robert C. Regan (English)

(Editor's Note: See the January 31 Almanac for the 11 Senate posts to be filled by the Nominating Committee for 1978-79.)

Submissions on Judicial System Invited

The recently formed Ad Hoc Committee to review the University Judicial System invites written submissions from University students, faculty and staff. Committee discussions have focused on clarifying the judiciary's role on campus and on procedural concerns.

Members of the committee are: Mary G. Beermann, director of residential living; Charles L. Cherry, ex officio, assistant to the vice-president for administration; Andrew J. Condon, director, office of student life; Marc Falkowitz, Wharton '78; David Johnston, director of public safety; Daniel D. Perlmutter, chairman, chemical and biochemical engineering; Joyce M. Randolph (chairperson), assistant professor of Germanic languages and literatures; James H. Robinson, judicial administrator; and Martin J. Stamm, judicial inquiry officer.

Please address submissions to Dr. Joyce M. Randolph, chairperson, 745 Williams Hall/CU.

D.P. Installs New Staff

The staff of *Almanac* congratulates the 94th Editorial Board of *The Daily Pennsylvanian* on their installation. Taking the reins at the *D.P.* are Steve Dubow, executive editor; Steven A. Marquez, managing editor; Gregory P. Oussani, business manager; Elizabeth Sanger, news editor; and other staff members too numerous to name here. May the deadlines be met without crisis, the typographical errors be few, and the editorial rewards many.

—The Editors

Library Agreement Reached

On Tuesday, January 31, 1978 the employees of the library support staff, represented by the American Federation of State, County and Municipal Employees, Local 590, ratified a new collective bargaining agreement. The new contract provides for a five percent wage increase for each year of the two-year agreement, which expires on November 1, 1979 with no increase in benefits.

The library administration was successful in obtaining language modifications which allow them to use student and part-time employees to fill certain positions and vacancies in the bargaining unit. This new provision will give the library administration greater flexibility in utilizing the current work force as well as more opportunities for cost savings.

—Gerald L. Robinson,
Executive Director of Personnel Relations

Grant Deadlines

National Science Foundation

• NSF announces a program in fiscal year 1978 emphasizing adequate support for the nation's researchers. This will involve efforts to upgrade or purchase equipment. Eligibility requirements and proposal preparation information are presented in NSF Notice Number 69, which will be distributed to deans, directors, chairmen and business administrators.

2/15 Research proposals for the Division of Social Sciences, including economics, political science, sociology, history and philosophy of science, geography and regional science.

2/17 Stage One proposals for a Resource Center for Science and Engineering.

3/1 Preliminary proposals for the science for citizens forums, conferences and workshops (formal proposals by 5/1/78).

3/15 Research proposals for the Division of Physiology, Cellular and Molecular Biology, including biochemistry, biophysics, developmental biology and regulatory biology.

3/31 Research in Science Education.*

National Research Council—Transportation Research Board

• Announcement of the National Cooperative Highway Research Program which presents a program of applied contract research totally committed to providing solutions for operational problems facing highway and transportation administrators and engineers.

National Institutes of Health

3/1 New and supplemental applications for research grants.

Additional information is available from the Office of Research Administration, 409 Franklin Building/16, Ext. 7295.

—Alton E. Paddock

*Brochure in ORA

Competitions Announced

University of Pennsylvania Chapter Society of Sigma XI announces two competitions, one for finishing Ph.D. candidates and another for junior faculty:

Thesis competition.

4/1 Several prizes totalling \$1,000 will be awarded to finishing Ph.D. candidates whose theses in an area of scientific endeavor are judged outstanding. Abstracts should be submitted by the thesis advisor to: Dr. Henry Primakoff, 2N3D Rittenhouse Lab/E1.

Grant-in-aid of research.

4/1 Two grants-in-aid of research, valued at \$1,000 each, will be awarded to junior faculty. Proposals of research projects in any area of science may be sent to: Dr. Henry Primakoff, 2N3D Rittenhouse Lab/E1.

Sigma XI, the Scientific Research Society of North America, is actively seeking new members to enable them to maintain and expand their awards program. Graduate students with publications are eligible for full membership. Nomination forms may be obtained from Dr. Peter Dodson, 229E Vet School/H1.

Speaking Out

One University: Excellent and Solvent To the Editor:

The state legislature's passage of our appropriation has for a time relieved our immediate financial problems, but the University faces serious, more basic problems. There are educational difficulties, inflation, uncertain funding sources, an image problem, internal dissension, and a lack of confidence in the administration's ability to solve these difficulties. What is needed is a concerted effort to make "One University" more than a public relations slogan: It should become the basis for a revival of this University's fortunes.

There are two prerequisites for any meaningful solution to our problems. First, the administration must commit itself to a truly balanced budget, achieved by selective cuts. The budget must *not* be balanced through general, across the board cuts, which has been the pattern in the past and has led many to question the University's commitment to "selective excellence." Though the administration may view the general cuts as politically safer, I submit that the political liability of general cuts is now higher than that of selective cuts. A corollary to a budget balanced through selective cuts is the maintaining and strengthening of our responsibility budgeting system.

A second prerequisite is detente with the professional schools. The core of this University's excellence lies in these schools—particularly Medicine, Law, Wharton and Engineering. The administration must explicitly recognize and respond to the needs of the professional faculties—as well as expect them to make sacrifices in the interests of progress and unity.

Implementation

The revitalization must come primarily from the implementation of the One University concept, though perhaps not in the way its creators intended. Members of the professional faculties should accept joint appointments in appropriate FAS departments; they can thus broaden their own scholarly pursuits while promoting the mutual acceptance of colleagues in different schools.

In addition, new structures need to be developed. Institutes should be established linking schools, departments, and individuals concerned with the study of both the theoretical and the applied aspects of broad areas of knowledge such as Life Sciences (the biomedical faculty), Management (Wharton, law, public and urban policy, social work, and the political science, economics and sociology departments), Physical Sciences (the College of Engineering and Applied Science and the physics, chemistry, geology, mathematics and astronomy departments) and Communication (education, Annenberg, English, linguistics, and foreign languages departments). The professional school deans should play a major role in managing these clusters as a means of giving their faculties a stake in the system.

The University Ph.D. programs must also undergo a fundamental change in concept. Doctoral students should be viewed as an educational resource rather than a revenue source, the cost of doctoral education to be borne by the University (with the help of grants from external sources) as a whole. Faculty, particularly in the arts and sciences who teach doctoral candidates would be supported by a Graduate Resource Center. This center would relieve FAS by explicitly providing a subvention. It would not in any way affect either the common FAS Ph.D. degree or the control of graduate education by the individual faculties and graduate groups.

Public Funding

The recent problems surrounding our state appropriation should indicate that the University faces a far more serious problem: how to reconcile financial dependence on the public sector with academic freedom. The University finds itself increasingly exposed to pressures from the federal, state and local governments. The problem is not what the University is forced to do, but whether its mission of research and teaching is possible in the face of such pressures. Though it is unrealistic to renounce all public sector funding right now, this is not an unrealistic long-range

goal if we establish a basic principle: Every dollar the University receives from a government should be for a specific, well documented, publicly known purpose. (Thus, our relationships with the Commonwealth and the New England states to provide training to their citizens in veterinary medicine are proper because there is a *quid quo pro*; for the same reason, general instruction funds from the Commonwealth should *not* be accepted.) If the strings attached to funds accepted under this principle become too onerous, we should not be afraid to cut them.

Image Problem

Finally, let me turn to the University's image problem. It is a product of comparisons with Harvard and the Ivy League and of the overall image of Philadelphia. To some extent, the problem will be solved as we improve the University. Three additional steps, however, should be employed: First, there must be an explicit recognition that we have an image problem. Second, one talented administrator, untainted by past failures in this area, should be designated "external relations and communications czar" and be given responsibility over development, alumni relations, government relations, international programs, public information services and related offices. Third, the first major task of this new official should be the building of a unified concept of the University. This University does have a distinctive character. Our problem is to find a way to express it that everyone can accept.

The basic premise of this proposal is that we have the resources—human and financial—to improve the University. What is needed is unity of purpose and trust in each other. We need to forget past and present disagreements and become "One University."

—Randall Marks, Law School, '80

Letters Welcome

Almanac invites all members of the University community—administration, faculty, staff and students—to submit letters on relevant University issues to *Speaking Out*.

—The Editors

Speaking Out is a forum for readers' comment on University issues, conducted under the auspices of the *Almanac* Advisory Board: Robert L. Shayon, chairman; Herbert Callen, Fred Karush, Ann R. Miller and Robert F. Lucid for the Faculty Senate; Paul Gay for the Librarians Assembly; Shirley Hill for the Administrative Assembly; and Virginia Hill Upright for the A-3 Assembly. Copies of *Almanac's* guidelines for readers and contributors may be obtained from *Almanac's* offices at 514-515 Franklin Building.

Honors

Dr. Robert E. Davies, Benjamin Franklin University Professor of Molecular Biology, Department of Animal Biology, School of Veterinary Medicine, has been elected an honorary life member of the New York Academy of Sciences. He was one of 18 elected this year to the 150-member world-wide group.

James O. Freedman, associate dean of the Law School and professor of law, was elected chairman of the Section on Administrative Law at the annual meeting of the Association of American Law Schools in December.

Dr. Roland M. Frye, professor of English, was elected president of the Milton Society of America at its annual meeting in December.

Dr. Daniel Hoffman, professor of English and director of Penn's creative writing program, delivered a lecture at the Library of Congress, January 5, commemorating the 100th anniversary of the poet Carl Sandburg's birth. Dr. Hoffman, who was the consultant in poetry to the Library of Congress in 1973-74, titled his lecture, "Moonlight Dries No Mittens: Carl Sandburg Reconsidered."

Dr. Charles P. O'Brien, associate professor of psychiatry, has been appointed to the Committee on Substance Abuse and Habitual Behavior of the National Academy of Sciences.

Dr. Arnold Thackray, professor of the history and sociology of science, has been elected editor of *Isis: An International Journal of the History of Science and Its Cultural Influences*, the official journal of the History of Science Society. *Isis* will be published from Pennsylvania during the period of Dr. Thackray's editorship.

Appointments

Following are **Appointments** approved by the Trustees between May 27, 1977 and November 23, 1977. They are based on actions taken by the Provost's Staff Conference.

Two symbols appear in this text:

A bullet (•) before a Standing Faculty name indicates that the faculty member achieved tenure in 1977.

An asterisk (*) after an Associated Faculty name indicates that the faculty member is a Clinician-Educator in the 10-year tenure track at the School of Medicine.

For a description of the structure of the academic staff and definitions of Standing and Associated Faculty, refer to *Almanac Supplement*, April 19, 1976, pp. IV-V ("Draft Revision of Basic Documents on Academic Governance at the University of Pennsylvania").

Faculty of Arts and Sciences

Standing Faculty

- Dr. Thomas A. Bauman*, Assistant Professor of Music.
- Dr. Elizabeth Block*, Assistant Professor of Clinical Studies.
- Dr. David Dumville*, Assistant Professor of English.
- Dr. A. John Graham*, Professor of Classical Studies.
- Dr. Harvey J. Grill*, Assistant Professor of Psychology.
- Dr. Jerome W. Hoffman*, Assistant Professor of Mathematics.
- Dr. John E. Jackson*, Associate Professor of Political Science.
- Dr. William D. Langer*, Assistant Professor of Astronomy.
- Dr. E. Ann Matter*, Assistant Professor of Religious Studies.
- Dr. Charles A. McGibbon*, Assistant Professor of Mathematics.
- Dr. Peter McInerney*, Assistant Professor of English.
- Dr. Barbara Metcalf*, Assistant Professor of History and South Asia Regional Studies.
- Dr. Yoshikazu Ohashi*, Assistant Professor of Geology.
- Dr. James E. Piereson*, Assistant Professor of Political Science.
- Dr. Gary Schmidgall*, Assistant Professor of English.
- Dr. Nathan Sivin*, Professor of Oriental Studies. (See *Secondary Appointments*, FAS.)
- Dr. James A. Spady*, Assistant Professor of Political Science.
- Dr. Richard Warner*, Assistant Professor of Philosophy.
- Dr. Anthony Zee*, Associate Professor of Physics.
- Dr. Larzer Ziff*, Professor of English.

Associated Faculty

- Dr. Laird R. Cornell, Jr.*, Research Assistant Professor of Physics.
- Dr. Johoash Hirshberg*, Visiting Associate Professor of Music.
- Dr. John Kirtley*, Research Assistant Professor of Physics.
- Dr. David J. McFarland*, Visiting Professor of Psychology.
- Dr. Thomas Metcalf*, Visiting Professor of Indian History.
- Dr. Michael E. Stone*, Visiting Associate Professor of Religious Studies.
- Dr. Yasushi Wada*, Visiting Professor of Physics.
- Dr. Alan G. Wilson*, Adjunct Professor of Regional Science.

Secondary Appointments

- Dr. Dell H. Hymes* (Professor of Folklore and Folklife and Linguistics) Professor of Sociology.
- Dr. Setha Low* (Assistant Professor of Landscape Architecture and Regional Planning, Graduate School of Fine Arts) Assistant Professor of Anthropology.
- Dr. Richard Marston* (Associate Professor of Finance) Associate Professor of Economics. (See *Standing Faculty Promotions, Wharton School*.)
- Dr. Donald S. Murray* (Professor of Statistics) South Asia Regional Studies.
- Dr. Henry Riecken* (Professor of Behavioral Sciences, School of Medicine) Psychology and Professor of Sociology.
- Dr. Daniel Rose* (Assistant Professor of Landscape Architecture and Regional Planning, Graduate School of Fine Arts) Assistant Professor of Anthropology.
- Dr. Nathan Sivin* (Professor of Oriental Studies) Professor of History and Sociology of Science. (See *Standing Faculty Appointments, FAS*.)
- Dr. James M. Sprague* (Leidy Professor of Anatomy, School of Medicine) Psychology.
- Dr. Brian Sutton-Smith* (Professor of Education, Graduate School of Education) Folklore and Folklife. (See *Standing Faculty Appointments, Graduate School of Education*.)
- Dr. Arnold W. Thackray* (Professor of History and Sociology of Science) Professor of History.

Changes in Department

- Dr. William R. Coe*, Professor, to Department of Anthropology.
- Dr. William Davenport*, Professor, to Department of Anthropology.
- Dr. Keith DeVries*, Associate Professor, to Department of Anthropology.
- Dr. G. Roger Edwards*, Associate Professor, to Department of Anthropology.
- Dr. Chester Gorman*, Assistant Professor, to Department of Anthropology.

Graduate School of Education

Standing Faculty

- Dr. Shirley Brice Heath*, Associate Professor of Education.
- Dr. Paul A. McDermott*, Assistant Professor of Education.
- Dr. Brian Sutton-Smith*, Professor of Education. (See *Secondary Appointments, FAS*.)

Graduate School of Fine Arts

Standing Faculty

- Dr. Peter G. Skaller*, Assistant Professor of Landscape Architecture and Regional Planning.

Law School

Standing Faculty

- Morris S. Arnold*, Professor of Law.

School of Dental Medicine

Standing Faculty

- Dr. Ellis E. Golub*, Assistant Professor of Biochemistry.
- Dr. Daniel Malamud*, Associate Professor of Biochemistry.

Associated Faculty

- Dr. David M. Senseman*, Research Assistant Professor of Physiology/Pharmacology.

Secondary Appointments

- Dr. Patricia Cormier* (Assistant Professor of Periodontics) Dental Care Systems. (See *Other Changes, School of Dental Medicine*.)
- Dr. Martin Morad* (Associate Professor of Physiology, School of Medicine) Associate Professor of Physiology/Pharmacology.

Other Changes

- Dr. Daniel Casullo* to Clinical Assistant Professor of Form and Function of the Masticatory System.
- Dr. Patricia Cormier*, Assistant Professor, to Department of Periodontics. (See *Secondary Appointments, School of Dental Medicine*.)

Dr. Jeffrey Ingher to Clinical Assistant Professor of Form and Function of the Masticatory System.

Dr. Francis S. Matarazzo to Clinical Assistant Professor of Form and Function of the Masticatory System.

Emeritus Professors

Dr. Jerre Mangione, Emeritus Professor of English.

Dr. William Roach, Emeritus Professor of Romance Languages.

Dr. Edward C. Rosenow, Jr., Emeritus Clinical Professor of Medicine.

Dr. Harold G. Scheie, Emeritus William F. Norris and George E. DeSchweinitz Professor of Ophthalmology.

Dr. Max Silverstein, Emeritus Professor of Social Work.

Designations to Named Professorships

Dr. Stanley Baum as the first *Dr. Eugene P. Pendergrass* Professor of Radiology.

Dr. Sidney Cohen as the first *T. Grier Miller* Professor of Medicine.

• *Dr. David R. Trentham* as *Edwin M. Chance* Professor of Biochemistry and Biophysics.

• *Dr. Myron Yanoff* as *William E. Norris and George E. DeSchweinitz* Professor of Ophthalmology. (See *Secondary Appointments, School of Medicine.*)

School of Medicine

Standing Faculty

Dr. Marc P. Banner, Assistant Professor of Radiology.

• *Dr. Robert L. Goodman*, Associate Professor of Radiation Therapy.

Dr. Sheldon Goldberg, Assistant Professor of Medicine.

Dr. Steven D. Handler, Assistant Professor of Otorhinolaryngology and Human Communication.

Dr. Leonard N. Horowitz, Assistant Professor of Medicine. (See *Secondary Appointments, School of Medicine.*)

Dr. Neil R. Krieger, Assistant Professor of Pharmacology.

Dr. George H. Lambert, Assistant Professor of Pediatrics.

Dr. Neal A. Rubinstein, Assistant Professor of Anatomy.

• *Dr. Marshall D. Schechter*, Professor of Child Psychiatry.

Dr. Jerome O. Sugar, Assistant Professor of Otorhinolaryngology and Human Communication.

Dr. John L. Turner, Assistant Professor of Medicine.

Associated Faculty

Dr. Edward T. Auer, Clinical Professor of Psychiatry.

Dr. Amanda Sue Carlisle, Research Assistant Professor of Medicine.

Dr. William Mason, Research Assistant Professor of Microbiology.

Dr. Robert H. Moser, Adjunct Professor of Medicine.

Dr. George Preti, Research Assistant Professor of Obstetrics and Gynecology.

Dr. Lawrence Schein, Research Assistant Professor of Physical Medicine and Rehabilitation.

Dr. I.A. Silver, Adjunct Professor of Neurology.

Dr. Roberto Weinmann, Research Assistant Professor of Microbiology.

Dr. Peter White, Professor of Medicine, Presbyterian-University of Pennsylvania Medical Center.

Secondary Appointments

Dr. Stephen Blose (Research Assistant Professor of Pathology, School of Veterinary Medicine) Pathology.

Dr. Hugh Bonner, Jr. (Assistant Clinical Professor of Pathology) Assistant Clinical Professor of Medicine. (See *Other Changes, School of Medicine.*)

Dr. John R. Durocher (Clinical Assistant Professor of Medicine) Clinical Assistant Professor of Medicine in Pathology.

Dr. Robert E. Forster (Professor of Physiology) Professor of Physiology in Pediatrics.

Dr. Robert A. Hirsh (Assistant Professor of Anesthesia) Assistant Professor of Anesthesia in Research Medicine.

Dr. Leonard N. Horowitz (Assistant Professor of Medicine) Pediatrics. (See *Standing Faculty, School of Medicine.*)

Dr. George H. Lambert (Assistant Professor of Pediatrics) Obstetrics and Gynecology. (See *Standing Faculty, School of Medicine.*)

Dr. Robert W. Mack (Assistant Professor of Pediatrics, Children's Hospital) Assistant Professor of Pediatrics in Research Medicine.

Dr. Giuseppe G. Pietra (Professor of Pathology) Professor of Pathology in Medicine. (See *Standing Faculty Promotions, School of Medicine.*)

Dr. Elliot L. Rubin (Assistant Professor of Obstetrics and Gynecology and Research Medicine) Assistant Professor of Psychology in Psychiatry.

Dr. Donald E. Thrall (Assistant Professor of Radiology, School of Veterinary Medicine) Radiation Therapy.

Dr. Myron Yanoff (William E. Norris and George E. DeSchweinitz Professor of Ophthalmology) Pathology. (See *Designations to Named Professorships.*)

Other Changes

Dr. Balu H. Athreya to Assistant Professor of Pediatrics, Children's Hospital.*

Dr. Ellen Berman to Assistant Professor of Psychiatry, Marriage Council of Philadelphia.*

Dr. Gaurange P. Bhatt to Clinical Assistant Professor of Neurology.

Dr. Ronald J. Bolognese to Associate Professor of Obstetrics and Gynecology, Pennsylvania Hospital.*

Dr. Hugh Bonner, Jr., to Assistant Clinical Professor of Pathology. (See *Secondary Appointments, School of Medicine.*)

Dr. Peter A. Cassileth to Associate Professor of Medicine, Hospital of the University of Pennsylvania.*

Dr. Cynthia W. Cooke to Assistant Clinical Professor of Obstetrics and Gynecology.

Dr. James R. Leyden to Assistant Professor of Dermatology, Hospital of the University of Pennsylvania.*

Dr. Philip Littman, Assistant Professor of Radiation Therapy, Hospital of the University of Pennsylvania.*

Dr. Jeffrey Myers to Clinical Assistant Professor of Pathology.

Dr. Oscar A. Ross to Assistant Clinical Professor of Pathology.

Dr. Harold L. Rutenberg to Associate Professor of Medicine, Pennsylvania Hospital.*

Dr. Emery K. Stoner to Clinical Professor of Physical Medicine and Rehabilitation.

School of Nursing

Associated Faculty

Bridget Doerr, Adjunct Assistant Professor of Nursing.

School of Social Work

Standing Faculty

Dr. James O. Carpenter, Associate Professor of Social Work.

School of Veterinary Medicine

Associated Faculty

Dr. William C. Campbell, Adjunct Professor of Parasitology.

Other Changes

Dr. Ara Dermarderosian to Adjunct Professor of Animal Biology.

Dr. Bernard H. Shapiro to Assistant Professor of Biochemistry, Department of Animal Biology.

Wharton School

Standing Faculty

Howard A. Cohen, Associate Professor in Public Sector Management.

Dr. Joyce Johnson Elam, Assistant Professor of Decision Sciences.

Dr. William Joyce, Assistant Professor of Management.

Dr. Marilyn A. Morgan, Assistant Professor of Management.

Dr. Vladimir M. Sachs, Assistant Professor of Social Systems Sciences.

Dr. Virginia E. Schein, Associate Professor of Management.

Dr. Paul Schoemaker, Assistant Professor of Management.

Promotions

The following Promotions were approved by the Trustees between May 27, 1977 and November 23, 1977. They are based on actions taken by the Provost's Staff Conference. For explanation of symbols, see the introduction to *Appointments*, page 4.

Faculty of Arts and Sciences

Standing Faculty

Dr. Dan Ben-Amos to Professor of Folklore and Folklife (has tenure).

Dr. Barry S. Cooperman to Professor of Chemistry (has tenure).

Dr. James C. Davis to Professor of History (has tenure).

Dr. Augusta E. Foley to Professor of Romance Languages (has tenure).

• *Dr. Stephen Gale* to Associate Professor of Regional Science.

(continued)

Dr. Rochel Gelman to Professor of Psychology (has tenure).
Dr. Robert M. Hartwell to Professor of History (has tenure).
Dr. Alan W. Heston to Professor of South Asia Regional Studies (has tenure).
Dr. Igor Kopytoff to Professor of Anthropology (has tenure).
 • *Dr. Jack Nagel* to Associate Professor of Political Science.
 • *Dr. Daniel N. Osherson* to Associate Professor of Psychology.
 • *Dr. Nell Painter* to Associate Professor of History.
Dr. E. Ward Plummer to Professor of Physics (has tenure).
 • *Dr. Jack E. Reece* to Associate Professor of History.
Dr. Lewis G. Tilney to Professor of Biology (has tenure).
 • *Dr. David T. Van Zanten* to Associate Professor of History of Art.

Graduate School of Fine Arts

Standing Faculty

Dr. Anthony Tomazinis to Professor of City and Regional Planning (has tenure).

Associated Faculty

John Lawson to Adjunct Assistant Professor of Architecture.

Louis Sauer to Adjunct Professor of Architecture.

John Thrower to Adjunct Associate Professor of Architecture.

Law School

Standing Faculty

• *Stephen J. Schulhofer* to Associate Professor of Law.

School of Allied Medical Professions

Standing Faculty

George F. Logue to Assistant Professor of Physical Therapy.

Associated Faculty

Josephine Cohen to Adjunct Associate Professor of Occupational Therapy.

School of Dental Medicine

Standing Faculty

• *Dr. Louis Rose* to Associate Professor of Periodontics.

Dr. Herman Segal to Assistant Professor of Oral Medicine.

Associated Faculty

Dr. James L. Dannenberg to Clinical Professor of Pedodontics.

Dr. Larry L. Laster to Adjunct Associate Professor of Biostatistics, Department of Oral Medicine.

School of Engineering

Standing Faculty

• *Dr. Ruzena Bajcsy* to Associate Professor of Computer and Information Science.

Dr. John E. Fischer to Professor of Electrical Engineering and Science (has tenure).

Dr. David Garfinkel to Professor of Computer and Information Science (has tenure).

Associated Faculty

Dr. David Lefkowitz to Research Professor of Computer and Information Science.

School of Medicine

Standing Faculty

Dr. Mortimer M. Civan to Professor of Physiology (has tenure).

Dr. James H. Dauber to Assistant Professor of Medicine.

Dr. Robert A. Doughty to Assistant Professor of Pediatrics.

Dr. Peter Hasselbacher to Assistant Professor of Medicine.

• *Dr. John S. Leigh, Jr.*, to Associate Professor of Biochemistry and Biophysics.

Dr. Juan A.U. Oleaga to Assistant Professor of Radiology.

Dr. Charles S. Owen to Assistant Professor of Pathology and, in a secondary appointment, to Assistant Professor of Biochemistry and Biophysics.

Dr. Giuseppe G. Pietra to Professor of Pathology. (See *Secondary Appointments, School of Medicine*.)

Dr. David E. Pleasure to Professor of Neurology and, in secondary appointments, to Professor of Orthopaedic Surgery and Professor of Pediatrics.

Dr. Donald Scott to Professor of Physiology (has tenure).

Dr. Peter J. Snyder to Associate Professor of Medicine.

Dr. Jerome F. Strauss, III, to Assistant Professor of Obstetrics and Gynecology and, in a secondary appointment, to Assistant Professor of Physiology.

Dr. Sankey V. Williams to Assistant Professor of Medicine.

Dr. L. Douglas Wilkerson to Assistant Professor of Neurology and, in a secondary appointment, to Assistant Professor of Pediatrics.

Associated Faculty

Dr. Frances Adar to Research Assistant Professor of Biochemistry and Biophysics.

Dr. Festus O. Adebajo to Associate Professor of Pediatrics at Children's Hospital.*

Dr. Abass Alavi to Associate Professor of Radiology at HUP.

Dr. Henry M. Bachrach to Associate Professor of Psychology in Psychiatry at HUP.*

Dr. Reza I. Bashey to Research Assistant Professor of Medicine.

Dr. Joseph M. Becker to Assistant Professor of Radiology at HUP.*

Dr. Paul M. Coates to Research Assistant Professor of Pediatrics.

Dr. Irma Csanalosi to Associate Professor of Psychiatry.*

Dr. Richard G. DeLaney to Research Assistant Professor of Medicine and, in secondary appointment, to Research Assistant Professor of Physiology, Department of Animal Biology, School of Veterinary Medicine.

Dr. Malcolm L. Ecker to Assistant Clinical Professor of Orthopaedic Surgery.

Dr. Harold H. Frank to Clinical Associate Professor of Group Dynamics in Psychiatry.

Dr. Herbert I. Goldberg to Professor of Radiology.*

Dr. C. William Hanson, Jr., to Associate Clinical Professor of Medicine.

Dr. R. Bruce Heppenstall to Associate Professor of Orthopaedic Surgery at HUP and the Veterans Administration Hospital.*

Dr. George R. Huggins to Associate Professor of Obstetrics and Gynecology at HUP.*

Dr. John J. Joyce, III, to Associate Clinical Professor of Orthopaedic Surgery.

Dr. Parviz Kambin to Assistant Clinical Professor of Orthopaedic Surgery.

Dr. Bong S. Lee to Assistant Clinical Professor of Orthopaedic Surgery.

Dr. James Mintz to Associate Clinical Professor of Psychology in Psychiatry.

Dr. Charles B. Mulhern to Assistant Professor of Radiology at HUP.*

Dr. Joel I. Polin to Associate Professor of Obstetrics and Gynecology.*

Dr. Henrietta K. Rosenberg to Assistant Clinical Professor of Radiology.

Dr. Harvey R. Schlesinger to Research Assistant Professor of Pediatrics.

Dr. T. Peter Stein to Research Associate Professor of Surgery.

Dr. Francis H. Sterling to Associate Professor of Medicine at the Veterans Administration Hospital.*

Dr. Robert S. Weinstein to Clinical Assistant Professor of Obstetrics and Gynecology.

Dr. Margaret G. Wood to Clinical Professor of Dermatology.

Dr. Robert A. Zimmerman to Associate Professor of Radiology at HUP.

Conversion to Tenure

• *Dr. Edward F. Foulks*, Associate Professor of Psychiatry.

School of Veterinary Medicine

Standing Faculty

Dr. Jill Beech to Assistant Professor of Medicine, Department of Clinical Studies.

Dr. Colin Johnstone to Assistant Professor of Parasitology, Department of Pathobiology.

Wharton School

Standing Faculty

• *Dr. J. David Cummins* to Associate Professor of Insurance.

Dr. Jay R. Galbraith to Professor of Management (has tenure).

• *Dr. Richard Herring* to Associate Professor of Finance.

• *Dr. Jeffrey F. Jaffe* to Associate Professor of Finance.

• *Dr. Paul Kleindorfer* to Professor of Decision Sciences.

• *Dr. Richard Marston* to Associate Professor of Finance. (See *Secondary Appointments, FAS*.)

Conversion to Tenure

• *Dr. Marshall Fisher*, Associate Professor of Decision Sciences.

Bulletins

HERS Conference Scheduled

HERS (Higher Education Resource Services) Mid-Atlantic and the University of Delaware, Division of Continuing Education, are co-sponsoring a conference for women administrators in higher education, March 6 and 7 in the Brandywine Hilton Hotel, Wilmington, Delaware. Titled "Effective Administration and Human Behavior Skills," the conference will discuss the issue of power. For information, write Mae R. Carter, Academic and Professional Programs, Division of Continuing Education, University of Delaware, Newark, Delaware 19711, or phone HERS Mid-Atlantic, Ext. 5425.

Need a Ride?

For those who live in West Philadelphia, the Office of Transportation and Communications provides a campus bus as a courtesy service. The schedule for the spring semester is listed below.

Bus depart from Houston Hall at the following times (unless noted, buses operate seven days a week):

4:50 p.m. (weekdays only)	9:20 p.m.
5:10 p.m.	10:00 p.m.
5:50 p.m.	10:40 p.m.
6:40 p.m. (weekdays only)	11:10 p.m.
7:20 p.m.	11:50 p.m.
8:00 p.m.	12:30 a.m.
8:40 p.m.	1:10 a.m.

Bus stop at the following locations. Stops for 33rd & Market, 30th Street Station and 32nd & Market are on request only starting at 6:40 p.m.

3417 Spruce	44 & Walnut
Ravdin	44 & Pine
33 & Walnut	47 & Pine
33 & Market	47 & Baltimore
30th Street Station	48 & Chester
32 & Market	42 & Chester
33 & Powelton	42 & Spruce
38 & Powelton	3417 Spruce
38 & Walnut	

Passengers wanting to return to campus after 6:30 p.m. may call Security (243-7297), who will notify the bus driver that passengers will be waiting on a particular corner at an appointed time. Outbound passengers may ask the driver to take them to their nearest corner from 6:40 p.m. on.

Older Patients Needed for Study

The Departments of Neurology and Psychiatry have announced a study investigating drug treatment for older patients suffering from nervous disorders related to circulatory disease.

Candidates should suffer from one or more of these symptoms: confusion, loss of memory or senility. They should have a diagnosed circulatory disease, or high blood pressure, diabetes or obesity, or they may be smokers. Participants will receive a comprehensive medical evaluation before treatment is begun.

Evaluation and treatment will be entirely on an out-patient basis, and patients will be compensated up to \$100 plus expenses.

Referrals of appropriate patients between the ages of 50 and 85 are now being accepted. Call Dr. Weinberger or Ms. Steber at 662-2665.

Free Women's School Announces Schedule

The new semester for the Free Women's School begins February 19 with courses in, among other subjects: body awareness, women's literature, assertiveness training and vegetarian cooking. Registration starts February 8. For information, call SA7-0830.

Directory Assistance: Watch Those Calls

Effective February 12, 1978, Bell of Pennsylvania will institute a charge of 10¢ per call for directory assistance within the 215 area. Only three free calls will be allowed per extension number per month. In order to minimize the need for using directory assistance, each department should have sets of directories for the metropolitan Philadelphia area. Directory order forms will be distributed to business administrators this week. Offices should submit their requirements through their business administrators.

—Steven D. Murray

Director of Transportation & Communications

Moviegoers Take Note

The Ritz Three theaters of Society Hill offer special discount admissions for students and faculty of area universities and colleges. Regular \$1 discounts are available, with identification, for all evening performances except Saturdays.

Keep Us Informed

Please submit information about your department's activities that are open to the University public this semester to Kate Hill in the Student Life Office, Houston Hall, Ext. 7853, by February 28, 1978, for inclusion in a new University Calendar, to appear bi-weekly.

Openings

The following listings are condensed from the Personnel Office's Bulletin of February 2. Dates in parentheses refer to the Almanac issue in which a complete job description appeared. Bulletin boards in 13 locations throughout the campus list full descriptions. Those interested should contact Personnel Services, Ext. 7285. The University of Pennsylvania is an equal opportunity employer. The two figures in salary listings show minimum starting salary and maximum starting salary (midpoint). An asterisk (*) before a job title indicates that the department is considering promoting from within.

Administrative/Professional

Assistant to Director (12-20-77). Assistant General Counsel (1-17-78). Assistant Dean (1-24-78). Associate Development Officer I (1-17-78). *Associate Editor, Book Series (1-31-78). Department Head I (1-31-78). Director, Small Animal Hospital (1-31-78). Editor (10-4-77). *Head Nurse (1-17-78). Junior Research Specialist (1-24-78). Programmer-Analyst II (1-24-78). Space Auditor (1-17-78). Staff Writer II (1-24-78).

Part-Time

Computer Programmer writes programs to generate auditory stimuli. Knowledge of FORTRAN, LISP and interfacing real time programs; two years' experience. Hourly wages. Programmer Analyst I (12-13-77). Staff Nurse performs medical tests on drug-abusing patients participating in research programs. Registered nurse; psychiatric nursing experience and training. Salary to be determined.

Support Staff

Administrative Assistant I (two positions) (a) (1-24-78—bookkeeping) (b) (1-24-78—secretary/receptionist). Administrative Assistant II (two positions) (a) (1-31-78) (b) maintains ledgers and assists in preparing budget estimates (high school graduate; two years' college or business school; two to three years' experience). \$7,700-\$9,850. Bookkeeper (three days a week) responsible for cash advances, travel reimbursements. High school graduate. Salary to be determined. Cashier operates cash register and terminal. High school graduate; should be available to work occasionally until 6:30 p.m. weekdays and on Saturdays. Hourly wages. Clerk, Accounts Payable processes vendor invoices. High school graduate; one to two years' experience. \$6,225-\$7,975. Clerk III maintains admissions records, applications, statistics. High school graduate; experience. \$6,225-\$7,975.

Head Stockkeeper responsible for control of stocked and ordered materials. High school graduate; one to two years' experience. \$7,150-\$9,150.
Herdsman II (1-31-78).
Licensed Practical Nurse (two positions) (1-31-78).
***Office Automation Operator** (1-31-78).
Personnel/Benefits Office Coordinator provides information and helps solve problems on benefits. High school graduate; 50-55 w.p.m. \$7,700-\$9,850.
Project Budget Assistant (1-31-78). **Research Bibliographer I** (1-31-78).
***Research Laboratory Technician II** (1-31-78).
Research Laboratory Technician III (two positions) (a) (1-24-78); (b) (1-31-78).
Secretary II (two positions) \$6,225-\$7,975.
Secretary III (two positions) \$6,700-\$8,575. **Secretary IIII** (1-17-78).
Secretary IV (two positions) (a) (1-24-78); (b) (1-31-78).
Secretary, Medical/Technical (three positions) \$7,150-\$9,150.

Part-Time

Data Entry Operator involved in operation of the 3740 electronic data entry system. High school graduate; experience with 3740 data entry stations and IBM 129. Hourly wages.
Editorial Assistant supervises distribution, proofreads, edits departments. High school/college graduate. \$3.50/hour.
Laboratory Assistant (two positions) (a) conducts research in psychological and physiological effects of stressful experiences (B.A. in psychology, electronic experience); (b) performs radio immuno-assays and isoelectric focusing (experience in both). Hourly wages.
Secretary types letters, manuscripts. High school graduate; excellent typing. Hourly wages.
***Temporary Extra Person** (six months) determines work priorities and schedules specific duties. High school graduate; one to two years of college in accounting or finance. Salary to be determined.

Things to Do

Lectures

Cavity Shapes in Creep Fractured Iron are delineated by Dr. Richard Fields of the National Bureau of Standards, February 7, 4 p.m. in Room 105 LRSM building, sponsored by the Department of Metallurgy and Materials Science and LRSM. § Dr. Drew Gilpin Faust of the American Civilization department discusses her book **The Sacred Circle: The Dilemma of the Intellectual in the Old South 1840-1860** for the Philomathean Society, fourth floor, College Hall, February 7, 4:30 p.m. § The Computer Science Colloquium series reviews recent developments in **Iterative Methods in Image Analysis** with Dr. Azriel Rosenfeld of the University of Maryland, February 7, 3 p.m., Room 216, Moore School. § Dr. David O'Connor, curator of the Egyptian section of the University Museum, profiles **The Extraordinary Builders of Egypt** in an *Archaeology* series lecture, February 8, 5:30 p.m., University Museum, Rainey Auditorium. § **Bioengineering in Diving Research** is the subject for Dr. Christian J. Lamberts, University Institute for Environmental Medicine, in a Department of Bioengineering seminar, February 8, noon, Room 554 Moore Building. § **The Partnership between Man and Animal in Zoroastrian Tradition** is explained by Christopher T. Brunner, Mellon Fellow, February 9, 11 a.m., Room 138 University Museum, for the South Asia seminar series. § Dr. Robert Frankenthal, Bell Laboratories, Murray Hill, N.J., analyzes **Instrumentation for Surface Analysis** for the Department of Chemical and Biochemical Engineering, February 13, 3:30 p.m., Alumni Hall, first floor Towne Building. § Dr. Giuseppe Colacicco, from Albert Einstein Medical Center, N.Y., discusses **Pulmonary Surfactant** in a Respiratory Physiology Group-Pulmonary Seminar, February 14, 12:30 p.m., fourth floor library, Richards building.

Music/Theater

Peggy Cass, Tovah Feldshuh, Farley Granger and Dina Merrill portray a group of incompetent amateur actors in George Kelly's **The Torch-Bearers**, a McCarter Theater Company production, at Annenberg Center February 8 through 12 (preview February 7). Information: Ext. 6791. § **The Collegium Musicum**, directed by Mary Anne Ballard, plays music from the court of Henry VIII, February 15, 8 p.m., University Museum, sponsored by the Department of Music (\$2, students and senior citizens \$1).

Films

International Cinema Series 4 screens **Spirit of the Beehive** (February 9, 7:30; February 10, 4 and 9:30 p.m.) and **The Lion Has Seven Heads**



A scene from the epic of Pabuji as depicted in an Indian cloth painting from the turn of the century, from the Van Pelt Library exhibition, Oral Literature of India.

(February 9, 9:30 p.m.; February 10, 7:30 p.m.), International House's Hopkinson Hall (\$1.50, matinee \$1). § **Dr. Zhivago** (February 10, 8 p.m.—\$1), **Last Tango in Paris** (February 11, 7 and 9:30—\$1) and **Never Give a Sucker an Even Break** (February 11, midnight—75¢) will be shown by PUC at Irvine Auditorium. § The University Museum features **Aguirre, The Wrath of God**, February 12, 2:30 p.m., University Museum's Harrison Auditorium. § The University Museum's children's film February 11 is **The Secret Garden**, 10:30 a.m., Harrison Auditorium. § The award-winning **Last Year at Marienbad** (February 11, 7 p.m.; February 12, 9:30 p.m.) and an early Milos Forman film (*One Flew Over the Cuckoo's Nest*), **Peter and Paula** (February 11, 9:30 p.m.; February 12, 4:30 and 7 p.m.) will be screened in the Annenberg Cinematheque series, Studio Theater, Annenberg Center (students \$1, others \$2).

Exhibits

Oral Literature of India—an exhibit of storytellers' puppets, picture boxes and paintings—will be on display in the Klein Exhibition Corridor, first floor of Van Pelt Library, February 14 (opening, 3 to 6 p.m.) through April 9. Hours: Monday through Thursday, 8:45 a.m. to midnight; Friday, 10 a.m. to 6 p.m.; Sunday, noon to midnight; § Fiber arts are highlighted in the Women's Cultural Trust's **February Feast of Fibers** at the Crafts Gallery, Christian Association building, February 10 (opening, 5 to 7 p.m.) through March 3. Hours: Monday through Friday, 11 a.m. to 5 p.m.; Saturday, 1 to 4 p.m.

Mixed Bag

The Penn Women's Center, in its Women's Special Status program, begins a series on the family February 7 with a discussion of **The Family: Outside Forces**, 7:30 p.m., Harrison-Smith-Penniman Room, second floor Houston Hall. Information: Ext. 8611. § The Faculty Club sponsors a **Valentine's Day Dinner Dance** February 10. Call Ext. 4618 for reservations. § **Family Day at Mask & Wig**, featuring "Pow! Zowie! Zap!" is on February 11, at the Mask & Wig Clubhouse, 310 South Quince Street. Call the General Alumni Society, Ext. 7811. § Phyllis Whitman Beck, vice-dean of the Law School, is the keynote speaker for **Women in the Legal Professions**, an all-day conference for prospective or newly trained lawyers and paralegals, February 25, 10 a.m. to 4 p.m., McNeil Building. For information, call the Penn Women's Studies Program, Ext. 8740.

ALMANAC: 515 Franklin Building (16) Ext. 5274

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