

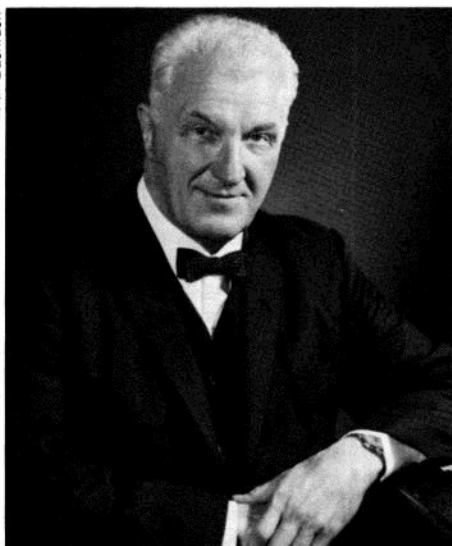
Almanac

Tuesday, April 20, 1982

Published by the University of Pennsylvania

Volume 28, Number 28

Fabian Bachrach



Gaylord P. Harnwell, 1903-1982

The Death of Dr. Harnwell

The president who guided Pennsylvania through 17 critical years of growth and change in 1953-70 died early Sunday morning at his Haverford home, after a long illness. Dr. Gaylord P. Harnwell was 78, and had been emeritus president for almost 12 years.

There will be a memorial service Thursday, April 29, at 11 a.m. in the Harrison Auditorium of the University Museum, open to all members of the University.

The Harnwell years at Pennsylvania are recognized as the watershed in the University's development from a regional university to a major national force in research with worldwide outreach. His administration was the time of the deliberate diversification of the student body to include students from all walks of life; of dramatic changes in faculty hiring to counter what had been labeled "inbreeding"; and of the founding of the Faculty Senate and later of

other mechanisms that brought consultative groups together. Physical expansion alone was monumental: 93 projects were completed, and another 38 designed, during his administration. In the neighborhood to which Penn committed itself after deciding not to move to Valley Forge, he helped found the University City Science Center and the West Philadelphia corporation, and to put through a guaranteed mortgage program to draw faculty back from the suburbs. For the sixties, the \$93 million capital campaign of the Harnwell era was one

(continued next page)

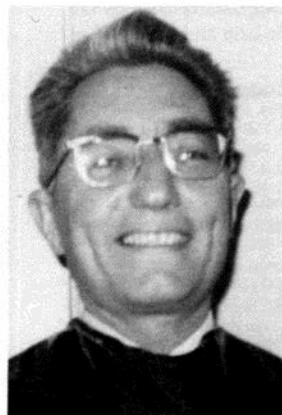
INSIDE

- Academic Calendar, 1982-83, p. 2
- SEC Action: Research Associates, p. 2
- SCAFR, Concerning President's Response to Earlier SCAFR Report on Srouji Case, pp. I-IV
- Insert: FAS Reports on Writing

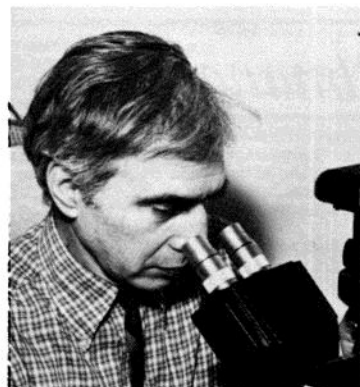
From the Health Schools



Dr. Anna-Marie Chirico



Dr. Lewis R. Dinon



Dr. Leon P. Weiss

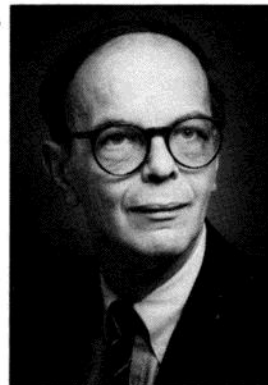


Dr. James W. Lash

The Lindback Awards (story on page 2)

From the Non-Health Schools

Art Siegel



Dr. Frank Bowman



Dr. C. Drew Faust

Diana Palmer, D.P.



Dr. Janice Radway

Baron Wolman



Dr. Philip Rieff

The Lindback Awards, 1982

This year's eight teachers honored with the Christian and Mary Lindback Award for Distinguished Teaching—and some of the reasons they were chosen—are:

Dr. Frank Bowman, Professor of Romance Languages: "... gives so much of himself to what he is doing; he puts so much effort into making every class an exceptional experience," said one student. Said another: "This devotion, this concern, and this excellence on the part of a person who has built an international reputation for the high quality and breadth of his scholarship make of him an outstanding example of a teacher/scholar ..."

Dr. Drew Faust, Associate Professor and Chair, Department of American Civilization: "... has the rare ability to stimulate interest in her own field, while reciprocally incorporating the interest of her students into her course. The result is a dynamic and challenging learning environment where students strive to share Dr. Faust's breadth of interest as well as her rigorous depth in scholastic research."

Dr. Janice Radway, Assistant Professor of American Civilization: "... has an ability to present abstract material with extraordinary clarity, to excite students into new and sometimes unsettling perceptions of the world around them, and often to make permanent changes in their lives by instilling ideas and analytical skills that last well beyond their college careers."

Dr. Philip Rieff, Benjamin Franklin Professor and University Professor of Sociology: "... students perceive Dr. Rieff's courses as 'drenched in meaning' ... [His] teaching style is not only unique but courageous. How many teachers would dare to spend one semester in a careful analysis on one book worthy of such effort? How many would so daringly pursue intellectual excellence in this way—without resorting to lectures or to accepted interpretations of what the work 'means'?"

Dr. Anna-Marie Chirico, Associate Professor of Medicine, School of Medicine: "... it is her ability to convey to students the special character of outpatient medicine, to introduce the concept of *time* in medical care, of watchful waiting, of pacing one's interven-

tions. She is an amazing clinician: brilliant in her deductive medical reasoning, and humanistic in her approach to patients. Her tutelage, help and medical knowledge are an inspiration to one's career."

Dr. James W. Lash, Professor of Anatomy, School of Medicine: "... [he] has all the best qualities of a teacher: thoroughly knowledgeable in his field; expresses himself clearly and succinctly; is dedicated to teaching; is interested and generates interest in his field; has a warm personality and a good sense of humor. ... a distinguished national and international reputation in his area of research. His scholarly approach to research and teaching is particularly effective in establishing him as an ideal role model."

Dr. Leon P. Weiss, Professor of Cell Biology and Chairman, Department of Animal Biology, School of Veterinary Medicine: "[His] lectures are freshly charged with his own awe and reverence for the complexity and elegance of biological systems. It is this extra measure of inspiration that makes an extraordinarily competent educator excellent. Dr. Weiss exudes a passion for learning, encouraging students to seek more information, to read and to study what other wonders exist in such a system. ... he possesses an enormous knowledge of his subject, yet he maintains a sense of humility about himself, his intelligence and his abilities. ... he is loved and respected by students and faculty alike."

Dr. Louis R. Dinon, Clinical Professor of Medicine, School of Medicine: "... has an enormous impact on the development of crucial, fundamental knowledge and skills in students. It is through his instruction that one understands not only the importance of competent diagnostic skills, such as history taking and physical exam, but also begins to understand and utilize thought processes key to clinical medicine. ... [he] teaches students how to think—clearly and concisely ... encourages growth and excellence ... he actively instills in students a professionalism that requires that all patients be treated with respect, dignity and compassion. He lives the motto: 'to care sometimes, to help often, to comfort always.'"

Academic Calendar for 1982-83

1982—Fall Term

September 2	Thursday
September 3	Friday
September 6	Monday
September 7-8	Tuesday-Wednesday
September 8	Wednesday
November 15	Monday
November 24	Wednesday
November 29	Monday
December 10	Friday
December 13	Monday
December 14-22	Tuesday-Wednesday
December 22	Wednesday

1983—Spring Term

January 13-14	Thursday-Friday
January 15	Saturday
January 17	Monday
January 18	Tuesday
March 12	Saturday
March 21	Monday
March 28	Monday
April 29	Friday
May 2-4	Monday-Wednesday
May 5-13	Thursday-Friday
May 21	Saturday
May 22	Sunday
May 23	Monday

1983—Summer Sessions

May 24	Tuesday
July 1	Friday
July 5	Tuesday
August 12	Friday

Move-in for new undergraduate students begins
Registration for undergraduate transfer students
Labor Day; Freshman Convocation and Opening Exercises
New student registration for schools participating
Fall term classes begin for undergraduate schools and graduate schools
Pre-registration for spring term begins
Thanksgiving recess begins at close of classes
Thanksgiving recess ends at 8:00 a.m.
Fall term classes end
Reading day
Final examinations
Fall term ends
Registration for undergraduate transfer students
Founder's Day
Spring term classes begin and new student registration
Final day for registration
Spring recess begins at close of classes
Spring recess ends at 8:00 a.m.
Pre-registration for fall term and summer sessions
Spring term classes end
Reading days
Final examinations
Alumni Day
Baccalaureate
Commencement

First session classes begin
First session classes end
Second session classes begin
Second session classes end

Dr. Harnwell (from page 1)

of the largest development campaigns to be dared in the country—and went over goal.

A native of Evanston, Illinois, Gaylord Harnwell was a 1924 graduate of Haverford who studied for a year at Cambridge before enrolling at Princeton for his M.A. and Ph.D. in physics. After a year as National Research Council Fellow at CalTech, he rejoined Princeton as assistant professor of physics in 1928. He was associate professor there ten years later when Penn made him a full professor and director of the Randal Morgan Laboratory.

One of the first University faculty members called to government service in World War II, Dr. Harnwell was responsible for submarine detection devices—including sonar—for which he received the Navy's Medal of Merit.

As a scholar and scientist, he was also noted for several important texts in atomic physics and related fields; and later, as president, he also published a 1960 *Russian Diary* on his travels there, and *Educational Voyaging in Iran*, 1962, after advising on the establishment of an American-style university at Shiraz.

Honors for science, for service to the city and to the University flowed throughout his career, and tributes began to pour in upon his death. More will be said of Dr. Harnwell in a future issue. In the meantime his family—Molly Harnwell, and their son and two daughters—ask, in lieu of flowers, gifts to the University.

SENATE

SEC Action: Research Associates

The Senate Executive Committee on April 6, 1982, approved the following recommendation of the Senate Committee on the Faculty. It is published here pursuant to Section 8(a) of the Rules of the Senate, as action which the Senate Executive Committee has taken on behalf of the Senate.

We recommend that page 27 of the 1979 Handbook for Faculty and Administration be revised to include Research Associate in the description for Senior Investigator and Investigator. The new description would read:

Senior Investigator, Investigator and Research Associate. Senior Investigators, Investigators, and Research Associates work in sponsored research programs and must hold the appropriate terminal professional degree in their disciplines. Full-time service in these positions may not exceed three consecutive years, except with the approval of the provost.

We do anticipate that reappointment of incumbents with many years service in the rank of Research Associate might be approved as exceptions to the three-year service limit.

Almanac

3601 Locust Walk/C8
Philadelphia, Pa. 19104
(215) 243-5274 or 5275.

The University of Pennsylvania's journal of record and opinion is published Tuesdays during the academic year and as needed during summer and holiday breaks. Guidelines for readers and contributors are available on request.

EDITOR Karen C. Gaines
ACTING ASSISTANT EDITOR Ruth A. Heeger
ACTING EDITORIAL ASSISTANT Linda M. Fischer
WORK/STUDY ASSISTANTS Anita LaRue, Sabiha Khalil

ALMANAC ADVISORY BOARD Clifton Cherpack, chair; Murray Gerstenhaber, Jamshed Ghandi, Charles D. Graham, Jr., Phoebe Leboy and Carolyn Marvin for the Faculty Senate ... James A. Spady for the Administration ... Jane Bryan for the Librarians Assembly ... Shirley Winters for the Administrative Assembly ... Una L. Deutsch for the A-3 Assembly.

ALMANAC, April 20, 1982

Prints in Print



Dig In is the name of a lithograph as well as the invitational imperative for nibblers who turn up at the April 30 party where it will be unveiled. Robert A. Nelson's archaeological rodent at left is not the one on the new work he has created for the University Museum, but mice are the promised device in a light-hearted piece that will sell for \$100 as a fund-raiser for the Museum (\$65 of it tax-deductible). The \$10 poster version will go on sale May 1 at the Museum Shop. The Sun Company seeded the project, and Artist Nelson will demonstrate the process at the party, 6-8 p.m. in the Chinese Rotunda. The fare for April 30 is described as Archaeologist's Punch with Exotic Pot Cheese, and those who are not already on the invitation list can call Ext. 4045 to be added.

A six-color serigraph which recreates the banner by Neil Welliver, co-chairman of the fine arts department, in honor of President Hackney's inauguration, is on sale in limited edition of 241 (one for each year since our founding), signed and numbered. Printed by Hitoshi Nakazoto and his students, Sarah Brannen, Eiko Fan, Alvaro Garcia, Michelle Lander, Robert Pollen, Alexandra Shulz and Shoichi Shimotsugu, it measures 22" x 30" and is \$350. Proceeds benefit the Graduate School of Fine Arts scholarship endowment fund. To order a print write to the School, 102 Fine Arts/CJ.



ON CAMPUS

April 20-May 2

Some events for the period April 20 through May 2 appeared last week in a list of "Upcoming" events. Priority for this week's space is given to those not previously listed. For a complete picture of things to do on campus, then, see the April 6 issue, page 8.

Academic Calendar

April 23 Last day of Spring Term.
April 26-28 Reading Days.
April 29-May 7 Final Examinations.

Exhibits

Through April 30 *Graphics*, the M.F.A. print show, 5-7 p.m. Philomathean Gallery.
Through May 3 *Paintings*: Liz Goldberg, coordinator and art instructor for the Bio-Med Dialysis Unit, HUP; U. City Science Center Gallery.
Through May 6 *Fine Arts Graduate Students' Show*; Houston Hall Art Gallery.
Through May 21 *The Language of Wildflowers*; Morris Arboretum.
Through May 28 *Fine Arts and Photography* by Suzanne Leahy, Thomas Sarrañtonio, Pauline Wong, Bette Uscott-Woolsey and John Woolsey, Penn's Institute of Neurological Sciences and Department of Biology, at the Faculty Club. Reception: April 27, 4:30 p.m.
Through May 31 *130 Years of the University of Pennsylvania Law Review*; Rotunda, Law School Building.
Through September 26 *Traditional Balinese Paintings*: The Gregory Bateson Collection; Pepper Gallery, U. Museum.
May 1-17 *M.F.A. 3rd Year Exhibition* at the ICA Gallery.

Gallery Hours

Faculty Club 36th and Walnut. For information regarding hours call Ext. 3416.
Houston Hall Art Gallery Monday-Friday noon-6 p.m., Saturday and Sunday noon-4 p.m.
ICA Gallery Tuesday, Thursday, Friday, 10 a.m.-5 p.m.; Wednesday, 10 a.m.-7:30 p.m.; Saturday and Sunday noon-5 p.m. Closed Mondays.
Morris Arboretum, Chestnut Hill; open daily from 9 a.m.-5 p.m. Information: 242-3399.
Philomathean Art Gallery, 4th floor, College Hall; Monday-Friday; noon-4 p.m. Information: Ext. 8907.
University City Science Center Gallery, 3624 Market Street; Monday-Friday, 9 a.m.-5 p.m.
University Museum, 33rd and Spruce, phone: 222-7777. Tuesday-Saturday, 10 a.m.-4:30 p.m.; Sunday, 1-5 p.m. Closed Mondays and holidays.

Gallery Talks and Tours

April 21 Egypt. **April 28** Archaeology.
April 25 Classical World. **May 2** Egypt.

These Wednesday and Sunday tours are free and begin at 1 p.m. at the main entrance of the University Museum.

ALMANAC, April 20, 1982

Meetings

Faculty Senate

April 21 Spring Meeting, 3-5 p.m., Room 200, College Hall.

GAPSA

April 28 Meeting, 6:15 p.m., Council Room, Furness Building.

University Council

April 28 Last meeting of the term, 4-6 p.m., Council Room, Furness Building.

Music

April 23 Classical, theatre and popular music recital performed by Penn student John A. Jackson, Jr.; 12:05 p.m., Irvine Auditorium (Curtis Organ Restoration Society).
University Choral Society and the *University Symphony Orchestra*, conducted by Eugene Narmour, in the Berlioz' *Requiem*, for orchestra, chorus, four brass choirs, sixteen timpani and tenor, soloist William Parberry; 8:30 p.m., Irvine Auditorium (The President and Provost Concert).
April 25 *Slavic Musicales* by Penn Balalaika Orchestra; 8 p.m., Houston Hall Auditorium. Information: 386-8306.
April 27 *Recorder Workshop Concert: Renaissance and Baroque Music* with Joan Kimball, director; 8 p.m., Rooftop Lounge, Harnwell House (Music Department).

On Stage

May 1, 6, 7, *Confusions* by Alan Ayckbourn, a series of one-act plays performed by the Off Broad Street Players at the Annenberg Center. Information: Ext. 6791.

Special Events

April 20-24 *The Windsor Chair: A Philadelphia Style*, University Hospital Antiques Show and Sale; The Armory, 33rd north of Market. Information: 687-6441.
April 24 *Spring on Spruce*, flea market and crafts fair sponsored by the Parent-Infant Center; 10 a.m.-5 p.m., Penn parking lot at 42nd and Spruce. Rain date: April 25.
April 25 *Lies My Father Told Me*, film, and *Aging and Associated Stress On The Immediate Family*, discussion with Barbara Brietman and Deborah Shain, clinical social workers, at 8 p.m.; **May 9** *Gomberg and Yodie*, films, and *Integrating Contemporary Needs With Traditional Jewish Values*, discussion with Elliot Ginzberg, Penn doctoral candidate in religious thought, and Aryeh Kosman, professor of philosophy, Haverford College, at 2 p.m. *Communities in Transition: The Jewish Immigrant Experience* at International House. Information: 387-5125.
April 27 *Annual Vittorini Reception*: prizes and scholarship for outstanding achievement in Italian at Penn awarded by Raymond S. Green, president of WFLN radio, member of the Domenico Vittorini Committee of the America-Italy

Society of Philadelphia; 4:30 p.m., Bodek Lounge, Houston Hall.

May 1 *Museum Market Day*: selection of crafts, jewelry and reproductions will be available from importers who supply the Museum Shop; 10 a.m.-4 p.m., University Museum.

Talks

April 21 *Literacy and Educational Policy in the Third World*: Dr. Nyi Nyi, director of the program development and planning division at UNICEF; 12:05 p.m., Room C12, Graduate School of Education (Literacy Research).

The Effects of Electricity on Nerve; A. Lee Osterman, M.D., assistant professor of orthopaedic surgery; 1 p.m., Room 426, Medical Education Building (Department of Orthopaedic Surgery).

Bone Tumors; Dr. Murray Dalinka, professor of radiology; 4 p.m., Orthopaedic Conference Room 1, White Building (Department of Orthopaedic Surgery).

Crime and Punishment in Renaissance Florence; Dr. Marvin E. Wolfgang, professor of sociology and director of criminology; 5 p.m., Room 285-87, McNeil Building (Department of Sociology Colloquia Series).

Dilemmas of School Improvement; Dr. John Goodland, dean of the Graduate School of Education, UCLA; 8 p.m., Annenberg School Theatre (Graduate School of Education).

Golden Ages; Robert Nisbet, Albert Schweitzer Professor Emeritus, Columbia University, authority on cultural, social and intellectual history, and author of several books including *History of the Idea of Progress*; 8 p.m., Benjamin Franklin Room, Houston Hall (Leon Lecture Series).

April 22 *The Cellular Basis of Starling's Law of the Heart*; Dr. Mark Hibberd, Penn department of physiology; 4 p.m., 4th floor, Richards Building (Department of Physiology Seminars).

Medical Consequences of Nuclear War; Dr. Herbert Abrams, chairman of the department of radiology, Brigham & Women's Hospital, Boston, and 1982's Alpha Omega Alpha National Medical Honor Society's visiting professor; 4 p.m., Medical Alumni Hall, HUP (School of Medicine).

Governing the Netherlands in the 1980's; Andries Van Agt, Prime Minister of the Netherlands; 8 p.m., Room 200, College Hall (Dutch Studies Program).

The Royal Tombs at Vergina in Macedonia, A.I.A. Lecture; N.G.L. Hammond, visiting emeritus professor; 8 p.m., Rainey Auditorium, University Museum.

April 23 *Applications of Random Array Techniques to a High Resolution Range Instrumentation Radar*; William Whistler, research staff, systems engineering; noon, Moore School of Electrical Engineering (Valley Forge Research Center Seminar Series).

Brown Bag Sessions on *Women's Lives: Yours and Emiko Tonooka*, Antioch University, Philadelphia; noon, CA 2nd floor Lounge (Common Women Project).

Nuclear Magnetic Resonance Imaging; Dr. Harold Kundel, department of radiology; 3 p.m., Rehabilitation Conference Room, Piersol Building, HUP (Cerebrovascular Research Center).

(continued next page)

Le Illustrazioni del Decameron; Professor Vittore Branca, University of Padua; 4 p.m., Room B-2, Fine Arts Building (Center for Italian Studies, Renaissance Seminar).

April 27 Sympathetic Nerves and Cerebral Blood Flow; Dr. David Busija, Johns Hopkins University; 12:30 p.m., 4th floor, Richards Building (Respiratory Physiology Seminars)

Philadelphia's Contribution to Cultural Pluralism and Urban Reform; E. Digby Baltzell, Penn professor of sociology; 4:30 p.m., Annenberg Auditorium (Penn Summer Forum).

April 28 Paget's Disease; Dr. Fred Kaplan, assistant professor of orthopaedic surgery; 4 p.m., Dunlop Auditorium B, Medical Education Building (Department of Orthopaedic Surgery).

April 29 Aequorin as a Quantitative Ca^{2+} Indicator in Heart: Capabilities and Limitations; Dr. Gil Wier, department of physiology, University of Maryland; 4 p.m., 4th floor, Richards Building (Department of Physiology Seminars).

April 30 Thromboembolic Disease in the Musculoskeletal Patient; C. McCollister Everts, M.D., chairman, department of orthopaedic surgery, University of Rochester; 10:45 a.m., Dunlop Auditorium B, Medical Education Building (Department of Orthopaedic Surgery).

May 1 Radiation Therapy in the Prevention of Heterotopic Bone Formation After Total Hip Arthroplasty; C. McCollister Everts, M.D., chairman, department of orthopaedic surgery, University of Rochester; 10:15 a.m., Dunlop Auditorium B, Medical Education Building (Department of Orthopaedic Surgery).

To list an event

Information for the weekly *Almanac* calendar must reach our office at 3601 Locust Walk, C8 the **Tuesday prior to the Tuesday of publication**. The next deadline is **April 27, at noon, for the May 3 issue**.

DEATHS

Mrs. Barbara W. Drucker, a research specialist at the University, died on March 30 at the age of 58. Mrs. Drucker came to Penn in 1964 as a research laboratory technician in the Anatomy Department of the School of Medicine. She became a research specialist II in 1972 and in 1980 became a research specialist III. She is survived by her husband, Boris, and three children, David, Johanna, and Elizabeth.

William E. Pascual, a first year student in the Wharton Graduate Division, died suddenly on April 2 at the age of 26. A Penn student since 1972, he received his B.A. from FAS in 1976 and his B.S. in engineering in 1977. Mr. Pascual is survived by his wife, Kathleen Burkhalter, a student in CGS and secretary in the economics department, and his parents, Mr. and Mrs. Raul Relova Pascual.

Dr. John Conrad Williams, an associate professor of pediatrics and a pediatrician for 58 years, died on March 19 at the age of 83. A 1923 graduate of Penn's School of Medicine, Dr. Williams taught here from 1951 to 1969 and was granted emeritus status in mid-1969. He headed pediatric departments at Roxborough Memorial and Germantown Hospitals and was on the courtesy staff of CHOP, Chestnut Hill and Abington Hospitals. He is survived by a daughter, Suzanne Birch, and two granddaughters. Contributions may be made to the University of Pennsylvania School of Medicine or to Germantown Hospital.

Update on Periodicals #2

In *Almanac's* April 6 *Update on Periodicals*, one editor missed our deadline. We found just enough space in this issue for inclusion.

Valley Forge Research Center Quarterly Progress Report, Sam H. Seeleman, editor, Dr. Bernard D. Steinberg, director; publishes articles on research conducted by Penn faculty, students and staff in association with the Valley Forge Research Center of the Moore School of Electrical Engineering, in support of academic and externally-sponsored programs. It is free to a selected list of members of the scientific communities of the government, the military, universities and industry. Inquiries: Valley Forge Research Center, U. of P., Box 811, Valley Forge, Pa. 19481. Phone 644-4844.

Listings are condensed from the personnel bulletin of April 19 and therefore cannot be considered official. New listings are posted Mondays on personnel bulletin boards at:

Anatomy-Chemistry Building: near Room 358;

Centenary Hall: lobby;

College Hall: first floor;

Franklin Building: near Personnel (Room 130);

Johnson Pavilion: first floor, next to directory;

Law School: Room 28, basement;

Ledy Lab: first floor, outside Room 102;

Logan Hall: first floor, near Room 117;

LRSB: first floor, opposite elevator;

Richards Building: first floor, near mailroom;

Rittenhouse Lab: east staircase, second floor;

Social Work/Caster Building: first floor;

Towne Building: mezzanine lobby;

Van Pelt Library: ask for copy at Reference Desk;

Veterinary School: first floor, next to directory.

For further information, call personnel services, 243-7284. The University is an equal opportunity employer. Where qualifications include formal education or training, significant experience in the field may be substituted. The two figures in salary listings show minimum starting salary and maximum starting salary (midpoint). Some positions listed may have strong internal candidates. If you would like to know more about a particular position, please ask at the time of the interview with a personnel counselor or hiring department representative. Openings listed without salaries are those in which salary is to be determined. Resumes are required for administrative/professional positions.

Administrative/Professional Staff

Accountant I (2 positions) (4683) (4699) \$12,000-\$16,100.

Administrator, Data Communications (4259).

Applications Programmer Analyst I (4738) \$14,500-\$19,775.

Applications Programmer II (2 positions) \$16,350-\$22,600.

Area Director of Admissions (4680).

Assistant Director II (2 positions) \$16,350-\$22,600.

Assistant Director IV (C0439).

Business Administrator IV (C0565).

Captain of Patrol (4542).

Chief Financial Officer (4708).

Coach III (4766) coaches, supervises and administers varsity basketball program; recruits; counsels students; scouts; does public relations (degree, graduate degree preferred; five years' basketball coaching experience required; head coaching experience preferred).

Coordinator-Curricular Affairs (4753) implements system for student evaluation of faculty; distributes, collects and analyzes data; interviews faculty and students; works with computer center (degree in educational psychology, curriculum, education evaluation, psychometrics; above average interpersonal and communications skills) \$13,100-\$17,800.

Counseling Psychologist II (3945) \$16,350-\$22,600.

Director (3 positions).

Head Coach, Women's Rowing (4515).

Lecturer Clinical Supervisor (4677).

Librarian I (4765) handles all library activities including acquisition, cataloging and circulation; maintains card catalog and periodical check-in file; interfaces with Lippincott Library to provide on-line data searches (degree, library science; proficient as research/reference librarian; business oriented; types) \$13,100-\$17,800.

Programmer Analyst I (3 positions) \$14,500-\$19,775.

Programmer Analyst II (C0584) operates Parkin-Elmer 3220, including maintenance and updating of system software; develops computer programs to process and analyze digital images (degree in science, physics or engineering; experience with system software, FORTRAN and assembly language; microprocessor experience desirable) \$16,350-\$22,600.

Repairs and Utilities Foreman (4736) \$14,500-\$19,775.

Research Coordinator (C0476) \$14,500-\$19,775.

Research Specialist Junior (5 positions) \$12,000-\$16,100.

Research Specialist I (C0583) prepares and performs experiments in in-vitro studies of intracellular ionic composition of various transporting epithelia; makes and uses ion-selective microelectrodes; maintains lab; orders supplies; cares for experimental animals (degree in biology or chemistry; three years' experience in making microelectrodes) \$13,100-\$17,800.

Research Specialist III (C0573) \$16,350-\$22,600.

Research Specialist IV (C0380).

Research Specialist IV (C0582) conducts semi-independent research in radiological imaging (M.D. degree with experience in clinical imaging).

Staff Dentist-Orthodontist (C0545).

Supervisor V, Data Processing (4368).

Systems Analyst (C0329).

Vice-Provost for University Life (4701).

Support Staff

Administrative Assistant (C0513) \$9,925-\$12,250.

Administrative Assistant I (4737) \$9,925-\$12,250.

Administrative Assistant II (C0557) \$10,575-\$13,100.

Air Condition/Refrigeration Mechanic (4721) Union Wages.

Assistant Stockkeeper (4756) issues and receives store-room materials; maintains records; operates computer terminal; performs related duties (high school, trade school diploma; two years' experience with storeroom operations; familiar with construction, maintenance) \$10,025-\$12,250.

Assistant to Loss Prevention Specialist (4709) \$9,125-\$11,700.

Assistant to Loss Prevention Specialist (4762) assists in handling shoplifting cases, staff training, visual security, coordination of store personnel and internal audit (high school diploma, some college; three years' experience in retail security; knowledge of internal and external pilferage problems; documents cases for court) \$9,125-\$11,700.

Bookstore Clerk I (C0562) \$6,325-\$7,625.

Cashier, Store (4759) operates electric register; relieves on sales counter; keeps records of cash receipts and transfers; performs related duties (high school diploma; accuracy with and aptitude for detail) \$6,325-\$7,625.

Clerk IV (C0581) does medical drafting and illustration, related posters, filing and expediting photography; reshelves books, magazines, renews subscriptions; binds journals; files and shelves reprints; fills reprint requests (degree in fine arts with internship in drafting and medical illustration; six months' experience in medical illustration) \$9,375-\$11,500.

Coordinating Assistant (C0539) \$10,575-\$13,100.

Custodial Supervisor (4735) \$14,575-\$18,700.

Dental Assistant II (4691) \$10,175-\$12,400.

Electronic Technician I (C0567) \$10,175-\$12,400.

Electronic Technician III (C0463) \$12,600-\$15,500.

Gardener (4731) Union Wages.

Head Cashier (4719) \$9,375-\$11,500.

Junior Accountant (4705) \$9,925-\$12,250.

Production Assistant (4758) handles sales of unit publications; prepares publications for mailing, invoices and necessary correspondence; maintains records; deposits checks (good typing skills; previous clerical experience; pays attention to detail) \$9,375-\$11,500.

Project Budget Assistant (4744) \$9,925-\$12,250.

Programmer I (C0510) \$11,225-\$14,000.

Psychology Technician I (C0586) interviews and administers psychological tests to adults; scores and tabulates results; maintains records, data sheets and supplies of test forms (skilled in interpersonal relationships; observant; self-confident; dependable; good clerical skills; ability to work independently and to follow instructions) \$11,225-\$13,775.

Radiology Technician (4512) \$10,175-\$12,400.

Receptionist II (3 positions) \$8,775-\$10,725.

Receptionist II (4745) answers telephone; greets visitors; makes travel arrangements for staff; does monthly internal billing; types forms and log copying expenses (must be extremely courteous, pleasant and well-mannered; some typing experience; good interpersonal skills) \$8,775-\$10,725.

Registration Assistant I (4472) \$9,375-\$11,500.

Research Dental Assistant IV (C0528) \$11,225-\$13,775.

Research Lab Technician I (C0575) \$10,175-\$12,400.

Research Laboratory Technician II (2 positions) (C0548) (C0576) \$10,175-\$12,400.

Research Laboratory Technician III (5 positions) \$11,225-\$13,775.

Research Machinist II (2 positions) \$12,775-\$16,375.

Secretary II (5 positions) \$8,775-\$10,725.

Secretary III (9 positions) \$9,375-\$11,500.

Secretary IV (C0552) \$10,575-\$13,100.

Secretary, Med/Tech (5 positions) \$9,925-\$12,250.

Secretary/Technician Word Processing (4517) \$9,925-\$12,250.

Typist I (C0440) \$7,725-\$9,350.

Vet Anesthesia Technician I (4716) \$12,600-\$15,500.

Vet Anesthesia Technician II (C0543) \$16,150-\$19,975.

Part-time Positions

Administrative/Professional Staff

Staff Physician (C0501) Hourly Wages.

Support Staff

Clerk (4728) Hourly Wages.

Editorial Assistant (C0585) receives and dispatches manuscripts for review; maintains records of status of manuscripts; types editors correspondence (previous editorial experience) Hourly Wages.

Librarian (4393) Hourly Wages.

Secretary (C0387) Hourly Wages.

Secretary (C0580) performs secretarial duties at New Bolton Center (have initiative, mature judgement, organizational abilities, tact; experience with confidential information; medical terminology) Hourly Wages.