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)
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 teaching 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 scholarly 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 visions of the world around them, and 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 the work "meanings?"

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

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.

Academic Calendar for 1982-83

1982—Fall Term

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>September 2</td>
<td>Registration for undergraduate transfer students</td>
</tr>
<tr>
<td>September 3</td>
<td>Student registration for schools participating</td>
</tr>
<tr>
<td>September 4</td>
<td>Move-in for new undergraduate students begins</td>
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<tr>
<td>September 6</td>
<td>Labor Day, Freshman Convocation and Opening Exercises</td>
</tr>
<tr>
<td>September 7-8</td>
<td>Fall term classes begin for undergraduate schools and graduate schools</td>
</tr>
<tr>
<td>September 9</td>
<td>Pre-registration for fall term begins</td>
</tr>
<tr>
<td>September 15</td>
<td>Thanksgiving recess begins at close of classes</td>
</tr>
<tr>
<td>September 29</td>
<td>Thanksgiving recess ends at 8:00 a.m.</td>
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<tr>
<td>October 10</td>
<td>Fall term classes end</td>
</tr>
<tr>
<td>December 13</td>
<td>Reading day</td>
</tr>
<tr>
<td>December 14-22</td>
<td>Final examinations</td>
</tr>
<tr>
<td>December 22-23</td>
<td>Final examinations</td>
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</tbody>
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1983—Spring Term

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>January 1-14</td>
<td>Registration for undergraduate transfer students</td>
</tr>
<tr>
<td>January 15</td>
<td>Founder's Day</td>
</tr>
<tr>
<td>January 17</td>
<td>Spring term classes begin and new student registration</td>
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<tr>
<td>January 21</td>
<td>Final day for registration</td>
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<tr>
<td>February 12</td>
<td>Spring recess ends at close of classes</td>
</tr>
<tr>
<td>February 28</td>
<td>Spring recess ends at 8:00 a.m.</td>
</tr>
<tr>
<td>March 29</td>
<td>Pre-registration for fall term and summer sessions</td>
</tr>
<tr>
<td>April 29</td>
<td>Spring term classes end</td>
</tr>
<tr>
<td>April 30-31</td>
<td>Reading days</td>
</tr>
<tr>
<td>May 3-13</td>
<td>Final examinations</td>
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<tr>
<td>May 14-18</td>
<td>Alma Day</td>
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<tr>
<td>May 22</td>
<td>Baccalaureate Commencement</td>
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<tr>
<td>May 23</td>
<td>Commencement</td>
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1983—Summer Sessions

<table>
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<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>May 24</td>
<td>First session classes begin</td>
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<tr>
<td>May 28</td>
<td>First session classes end</td>
</tr>
<tr>
<td>July 5</td>
<td>Second session classes begin</td>
</tr>
<tr>
<td>July 12</td>
<td>Second session classes end</td>
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</tbody>
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SEC Action: Research Associates

The Senate Executive Committee on April 6, 1982, approved the following recommendations 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 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

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

EDITORS
Karen C. Gallo

ACTING ASSISTANT EDITORS
Augusta A. Heager

ACTING EDITORIAL ASSISTANT
Linda M. Fischer

WORK/STUDY ASSISTANTS
Arielle D. Perl, Sabina Khali

ALMANAC ADVISORY BOARD

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 activity 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 Co. has 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 Kakazato and his students, Sarah Brannen, Eiko Fan, Alvaro Garcia, Michelle Lander, Robert Pollen, Alexandra Shulz and Shoichi Shimotsumi, 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.

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 Video 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 Leavy, Thomas Santarossa, Pauline Wong, Bette Usatoff, 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 May 31 30 Years of the University of Pennsylvania Music Recordings: The Gregory Bateson Collection; Pepper Gallery, U. Museum.

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.
I.C.A. Gallery Tuesday, Thursday, Friday, 10 a.m.-5 p.m.; Wednesdays, 10 a.m.-7:30 p.m.; Saturday and Sunday noon-4 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. 9007.
University City Science Center Gallery, 3624 Market Street; Monday-Friday, 9 a.m.-5 p.m.
University Museum, 33rd and Spruce, phone: 222-7777, Monday-Tuesday, 10 a.m.-4:30 p.m.; Sunday, 1-3 p.m. Closed Mondays and holidays.

Gallery Talks and Tours
April 21 Egypt.
April 25 Classical World.
May 2 Egypt.

Meetings
Faculty Senate
April 21 Spring Meeting, 5-8 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., 1205 p.m., Ivanhoe Auditorium (Curris Organ Restoration Society).
University Choral Society and the University Symphony Orchestra conducted by Eugene Narmour, in the Berks Requiem, for orchestra, chorus, four brass choirs, sixteen timpani and tenor, soloist William Parbery; 8:30 p.m., Irvine Auditorium (The Present and Proven Concert).
April 25 Slavic Music by Penn Bagalaikas 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., Roof-top 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 Windor Chair: A Philadelphia Style, University Hospital Antiques Show and Sale; The Armory, 33rd and Market. Information: 687-4441.
April 24 Spring on Spruce, Downtown 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
April 27 Annual Viscorion Reception: prizes and scholarship for outstanding achievement in Italian at Penn awarded by Raymond S. Green, president of WFIL 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: sale 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 Literary and Educational Policy in the Third World. Dr. N.Y. Nyi, director of the program development and planning division at UNICEF; 12:05 p.m., Room 412, 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 Daflin, professor of radiology; 4 p.m., Orthopaedic Conference Room I, 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 265, McNeil Building (Department of Sociology Colloquia Series).
Dilemmas of School Improvement; Dr. John Goodlad, dean of the School of Graduate Education, UCLA; 8 p.m., Annenberg School Theatre (Graduate School of Education).
Golden Age. Robert Nusel, Albert Schweitzer Professor Emeritus, Columbia University, professor on cultural, social and intellectual history, and author of several books including History of the Idea of Progress; 8 p.m., Janet Franklin Room, Houston Hall (Leon Lecture Series).
April 22 The Celostasis of Starling's Law of the Heart; Dr. Mark Hilibert, 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 1980s; 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.A. Lecture; W. G. L. Hammond, visiting eminent professor; 8 p.m., Rainey Auditorium, University Museum.
April 23 Applications of Random Array Techniques to a High Resolution Range Instrumentation Radar; William Whitter, research staff, systems engineering, noon, Moore School of Electrical Engineering (Valley Forge Research Center Seminar Series).
Brown Bag Sessions on Women's Lives: Yoko, and Emiko Tomoko, 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, Pietsch Building, HUP (Cerebrovascular Research Center).
(continued next page)
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 and management 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 and management 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 and management 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 and management 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 and management 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 and management 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 and management 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 and management 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 and management 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 and management at the age of 26.

Dr. John Conrad Williams, an associate professor of pediatricians and a pediatrician for 58 years, died on March 30. 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.

Support Staff

Administrative Assistant (C0531) $9,925-$12,250.
Administrative Assistant (C0532) $10,025-$12,500.
Administrative Assistant III (C0557) $10,575-$13,100.
Air Conditioning/Refrigeration Mechanic (4721) Union Wage Plan.
Assistant Stockkeeper (C0574) and receives store-room materials; maintains records; operates computer terminal; performs related duties (high school, trade school diploma; experience in store-room operations; familiar with construction, maintenance) $10,025-$12,250.
Assistant to Loss Prevention Specialist (C0579) $9,175-$11,700.
Assistant to Loss Prevention Specialist (C0576) assists in handling shoplifting cases, staff training, visual security, coordination of store personnel and internal audit (high school diploma, some three years' experience in retail security; knowledge of internal and external pilferage problems; documents cases for court) $9,125-$11,700.
Bookkeeper I (C0563) $6,325-$7,625.
Cashier, Store (C0579) operates electric register; receives on sales counts; keeps records of cash receipts and transfers; performs related duties (high school diploma; accuracy with and aptitude for detail) $6,325-$7,625.

To list an event

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

Opportunities

Listings are condensed from the personnel bulletin of April