

Almanac

Published Weekly by the University of Pennsylvania
Volume 26 Number 4 September 6, 1979

- Bulletins
- Speaking Out: Safety Measures
- Deaths
- Appointments
- Promotions
- Leaves
- Openings
- Campus Calendar



Faculty Senate Chairman Walter D. Wales serves as macebearer for the academic procession preceding the University's opening exercises on Sunday, September 2. Members of the faculty, administration and student leaders participated in the program, marking the official beginning of the 1979-80 academic year.

Gregorian Makes Key Appointments

On Tuesday, September 4, Provost Vartan Gregorian announced four new appointments. Dr. Benjamin S. P. Shen, chairman of the Department of Astronomy and Astrophysics since 1973, was named associate provost. Other appointments included Dr. Jean Brownlee, former dean of the College for Women as special assistant to the Provost, Dr. Joyce M. Randolph as executive assistant to the Provost and Dr. Herbert Nickens as faculty assistant to the President and the Provost.

Dr. Shen joined the University in 1966 and was appointed to the Reese W. Flower Professorship in 1972. Since 1973 he has been chairman of the astronomy and astrophysics department and director of the University's Flower and Cook Observatory. Shen has served as a part-time science and technology adviser to the United States Senate Budget Committee and has been a consultant to industry and government, including NASA and the Congressional Office of Technology Assessment. He currently chairs a national panel on the federal research and development budget for the American Association for the Advancement of Science. He is

(Continued on page 3)

University Welcomes Class of 1983

The University officially opened its 240th year and welcomed the freshman Class of 1983 on Sunday, September 2, with a formal procession and addresses to a standing room only crowd by President Martin Meyerson, Provost Vartan Gregorian and Vice-Provost for University Life Janis Somerville.

The Sunday afternoon event opened with a procession composed of University administrators, faculty and students in full academic cap and gown which marched from College Hall to Zellerbach Theater.

Before the capacity crowd President Meyerson officially opened the University for the year and reminded the Class of 1983 that they are "undergraduates of a very special institution."

Vice-Provost Somerville presented the class of over 2,000 students to Meyerson, noting that the students came from 45 states and 20 foreign countries.

Provost Gregorian, the guest speaker of the ceremony, told the freshmen that "never before and never again will this world, this universe, see someone unique like you. With this uniqueness," he added, "comes the joy of being, the joy of becoming, the agony and the ecstasy of human endeavor."

Gregorian also spoke on the concepts of education, reminding the students that a "lopsided education is dangerous" and that a "balance between the practical and the theoretical is needed." He said that "education is a liberating force; it gives us freedom from ignorance; it is a tool of enlightenment that must be considered in context of the larger world." He told the students that "you need an education that will make you more than well-ordered puppets in the passing show, trained to make gestures with no sense of the significance of the human drama and no reflection beyond the problem of material advantages." After citing brief passages from Pascal, Albert Einstein, Aldous Huxley and Marlene Dietrich, Gregorian addressed the students with the question "What are you going to be? A dot, a line, a paragraph, a page, a chapter—or just a blank page?"

Cable Neuhaus Named Almanac Editor

Cable Neuhaus, a faculty member at Penn State University since 1971 and a prolific free-lance writer for *People* magazine and numerous other publications, has been named editor of *Almanac*, effective September 1.

Announcement of Neuhaus' appointment was made by Curtis Barnes, director of communications, following the unanimous recommendation to the President and Provost by a screening committee composed of members of the *Almanac* Advisory Board which reviewed more than 300 applications for the position.

Neuhaus, 31, arrived on campus this week and will officially assume responsibility for *Almanac* beginning with the September 13 issue.

"This is a very exciting opportunity," Neuhaus said. "I'm looking forward to working with the *Almanac* Advisory Board and Communications Services staff in continuing the development of *Almanac* into a vital publication that can serve the entire University of Pennsylvania community."

(Continued on page 2)

President Martin Meyerson called Neuhaus "a truly exceptional candidate" and complimented members of the screening committee, composed of physics professor Herbert Callen, Virginia Hill Upright, representing the A-3 Assembly, and Barnes, for their diligence in developing an "oustanding" pool of candidates for the editor's position.

Other participants in the final screening of candidates were Professor Walter Wales, chairman of the Faculty Senate, Meyerson, Provost Vartan Gregorian and Valerie Pena and Shirley Hill, representing the Librarians' Assembly and the Medical School, respectively, on the *Almanac* Advisory Board.

Telephone consultations were held by Callen with Professor Paul Bender, chairman-elect of the Senate, Professor Robert L. Shayon, chairman of the *Almanac* Advisory Board, and advisory board member Fred Karush, all of whom were out of town and unable to attend the screening committee meetings.

Neuhaus brings an extensive academic and professional background to his new position. He was an instructor in journalism at the Penn State Wilkes-Barre campus from 1971 to 1977, and for the past two years he has been on leave of absence on a fellowship at

Carnegie-Mellon University where he completed course work for a Doctor of Arts degree in English. In 1976 he received the Ninth Annual Hayfield Award, given by Penn State's Student Government Association to the outstanding faculty member. In July Penn State had appointed Neuhaus assistant professor of English.

While at Penn State he served on the Faculty Senate from 1974 to 1977 and as secretary of the Senate from 1975 to 1976. Chairperson of the Faculty Senate Committee on Faculty Affairs from 1976 to 1977, he was also chairperson of the dean's committee on student affairs from 1974 to 1975 and faculty ombudsman alternate from 1975 to 1976.

In other areas of academic involvement, Neuhaus had been co-chairperson of the annual spring Arts Festival from 1972 to 1977, advisor to the campus newspaper, newsletter and yearbook staffs, coordinator of the "Writers on Campus" series, and author of the Wilkes-Barre campus Annual Report.

A 1969 graduate of Ohio University, Neuhaus received his M.A. in journalism from Penn State in 1970. From 1967 to 1971 he was a reporter, columnist and editor on daily and weekly newspapers in New Jersey, Pennsylvania and Ohio.

His extensive free-lance writing experience includes serving as a special correspondent for *People* magazine and as a contributing editor of *The Humanist*, *The Pittsburgher*, *Harper's Weekly* and other periodicals. He has also served as a reviewer for the *Journal of Communications*, edited by Dr. George Gerbner, dean of the Annenberg School, and was cited by Gerbner as "one of our best reviewers."

Neuhaus replaces Diane Cole who served as *Almanac* editor from January, 1977 to June, 1979 and who is now a free-lance writer in New York City.

During the next several weeks, Neuhaus will interview candidates for the assistant editor position to replace Marilyn Ackerman who is currently an editor at Yeshiva University in New York. In the interim, Adele Wolfe, the *Almanac* editorial associate for the past four months, has been serving as acting assistant editor of *Almanac*.



NEUHAUS

Sunshine Books Goes to Court

The competition over the past three years between the University Bookstore and Sunshine Books, which was founded by Penn graduate Marc Falcowitz (FAS '78), moved into court late last week.

On August 31, Sunshine Books, which sells discount books at the University from a rented truck and two tables, asked the Common Pleas Court in Philadelphia for a special injunction against the University, charging violations of unfair restraint of trade under the Pennsylvania Unfair Sales Act. Sunshine charged that the University's decision to lower prices on 13 textbooks at the bookstore amounted to unfair competition and would cause irreparable damage to the discount firm.

After Sunshine presented its case to Common Pleas Court Judge Richard Klein, the University moved to dismiss the injunction request, and Klein granted the motion. The option remains for Sunshine to seek a preliminary injunction or some other action that they think appropriate. Chuck Lunden, vice president of Sunshine, charged that Friday's legal action was taken because the University announced only hours after Sunshine Books opened last Friday that it would discount 13 titles.

He claimed that if Sunshine is not awarded some sort of damages under the Sales Act law, it will not be able to financially survive. "Even if the students really get behind us and buy from us at the same prices as the bookstore," Lunden said, "it's still going to be close [without legal damages awarded]."

Bookstore Manager Barry Vito said the books were being used as promotional items and that the decision to lower the prices was made before last Friday. He said the bookstore was discounting all books where 700 or more copies were ordered.

Sunshine alleged that the titles were chosen in order to strategically deprive the firm of its prime business—freshmen buying expensive books for introductory courses—and to eventually drive Sunshine out of business. Vito said the bookstore's discounts came as part of an overall plan to make the bookstore a more enticing place to shop.

When Vito was hired, he wanted to make the bookstore "a good place for students to shop" and to try to "make students stop thinking of the bookstore as a rip-off."

The plan, which included the textbook discounts, also increased the number of registers in the bookstore, expanding the hours the store is open and changing the refund policy from credit refunds to cash refunds. Vito pointed out that the students who purchased the textbooks earlier in the week at full retail price would be offered a refund of the difference. "The decision to lower the prices was made long ago," Vito said. "The reason that the discounts didn't go into effect until August 31 is because that was the day we had planned to start it."

Sale of Course Work Illegal

Last year General Counsel Stephen Burbank reminded members of the community that they should be aware that the sale of term papers is, in certain circumstances, a crime in the Commonwealth of Pennsylvania. The same admonition still applies to the community. Burbank had stated that, specifically, 18 P.S. Section 7324 renders illegal the sale or offer for distribution of "any dissertation, thesis, term paper, essay, report or other written assignment" to a student enrolled at the University if the person selling or offering for distribution knows or has reason to know that "said assignment is intended for submission either in whole or substantial part under said students' name to each educational institution in fulfillment of the requirements for a degree, diploma, certificate or course of study." Section 7324 also renders illegal the sale or offer for sale of assistance in the preparation, research or writing of a dissertation, etc. in the same circumstances.

The University has been cooperating, and will continue to cooperate, with the Commonwealth's Department of Justice in an attempt to bring to an end activities which are prohibited by Section 7324.

Appointments (Continued from page 1)

also a member of the University's Graduate Group on Energy Management and Policy and of the Committee on the Fine Arts Major of FAS. He initiated and then chaired the Roundtable on Science and Public Policy, a faculty-student seminar.

Gregorian remarked that "Shen is an outstanding scientist, educator and chairman. He has impeccable credentials and wide-ranging interests in the realm of the arts, sciences and public policy. As my deputy he will provide great assistance to the faculty and the students, especially in academic planning."

Former president of the Faculty Research Club, Shen has served as chairman of the University Senate Committee on the Faculty. Author of numerous scientific papers, he is a member of the Hayden Planetarium Committee, a member of the board of trustees of the American Museum of Natural History in New York and a member of the science advisory board of the Children's Television Workshop. He has also served as governor of the New York Academy of Sciences.

Dr. Shen was a pioneer in the use of high-energy accelerators in astrophysical research and is considered to be an expert on spallation reactions and their effects in astrophysics. His more recent work has been on variable galaxies and quasars.

Dr. Jean Brownlee, associate professor of political science since 1971, retired in 1977 as dean of academic advising for FAS after serving for 14 years as dean of the College for Women where she played an instrumental role in making the transition to the coeducational FAS a smooth one.

She graduated from Penn in 1934 with a bachelor's degree in education and then earned her M.A. in political science in 1936; she was awarded a doctorate in 1942.

Gregorian commented that "the best way for her 'retirement' from Penn is to reinvigorate her ties and commitments to major constituencies, including alumni/ae, students and the Philadelphia cultural community."

Dr. Joyce Randolph has served as assistant dean for academic advising in FAS and as a lecturer in the Germanic languages and literature department until 1973 when she became assistant professor. From 1976 until 1978 she was faculty advisor at *Deutsches Haus* and undergraduate chairperson of Germanic languages and literature.

Gregorian said that, "she has been an outstanding undergraduate chairman of the German department and an outstanding assistant dean in FAS. Both positions have shown her sensitivity to faculty and student needs simultaneously."

Dr. Herbert Nickens served this year as director of psychiatry emergency services at HUP. He received his bachelor's degree from Harvard College in 1969 and his doctor of medicine and master's degree in sociology from Penn in 1973. He is currently studying at Penn for his doctoral degree in sociology. From 1975 to 1978 he was a resident in psychiatry at the University.

Gregorian said that Nickens "brings with him a deep commitment to the University and a broad range of interests. He will be a valuable asset to the President and me during the coming academic year."

Program Created for Arabian Diplomats

The Special Training Program for Foreign Ministry Personnel from the United Arab Emirates, designed and organized by Dr. Frederick Frey, chairman of the Graduate Group on International Relations and professor of political science, and Dr. Thomas Naff, director of the Middle East Center and associate professor of Middle East history, began at the University on September 1 and will continue through July, 1980.

The program has been designed to provide special training for junior diplomats from the United Arab Emirates in diplomacy, international affairs, law, organization and economics. Special training in English language skills is being offered as well. A series of four 4-week workshops cover topics of special interest to the future diplomats such as sessions on the State Department and various ministries from which diplomats and officials have been invited to lecture on the professional aspects of their respective agencies, and guided visits to New York City to visit the United Nations, multinational corporations such as oil companies and banks and to Washington, D.C. to visit the Capitol, several departments and embassies, international agencies and facilities and the World Bank. Lectures by relevant officials will be given at each stop.

English language instruction sessions, administered by student tutors/counselors who know English and Arabic, are being organized by the Formal English Program for Foreign Students. Orientation and counseling services assist the visiting students with settling into Philadelphia and becoming acquainted with the University and its environs. Sightseeing, explanations of the University and city services, facilities, transportation, etc. are given by the student tutors who will also maintain an ongoing relationship with the visitors during their stay.

Special workshop topics include international relations theory, led by Dr. Frey, problems of Middle East diplomacy, led by Dr. Naff, international law and organization by Dr. Ann Elizabeth Mayer, assistant professor of legal studies, and Noyes Leech, professor of law and international economics by Dr. F. Gerard Adams. Some of the other topics are peace science and techniques of conflict resolution, the multinational economic order, the Arabian Gulf in world affairs and energy, OPEC and oil diplomacy.

Annual Giving Sets Another Record

Trustee chairman Paul F. Miller, Jr. announced at the board's executive committee meeting on August 16 that annual giving for the fiscal year 1978-79 was over \$5 million and that this figure set a record for the eighth consecutive year.

Steve Derby, director of annual giving, said that the \$5,009,085 figure represented contributions from 37,076 individuals compared with \$4,500,236 received in 1978 from 34,425 contributors.

The largest gift for 1978-79 was \$143,000 from an anonymous contributor.

Derby said that the \$5 million figure included \$248,182 from the Class of 1954, which also set a record for the amount contributed by 25th reunion classes.

The previous 25th reunion record of \$127,054 was set in 1978 by the Class of 1953.

The annual giving program topped the \$3 million mark in 1973 when \$3,045,689 was contributed. Since 1975, when the figure was \$3,049,876, it has climbed steadily.

In 1975 \$3,115,037 was contributed, and the figure was \$3,449,271 in 1976. A total of \$3,752,154 was raised in 1977, and then 1978 saw a dramatic climb to the \$4,500,236 figure.

The current available figures show that in 1978 the University ranked fifth among its peers in the number of alumni donors and 11th in the total gift value of annual giving receipts.

Benefit Recital Raises \$50,000

With deep appreciation of the tribute being paid to her, Marian Anderson addressed a capacity crowd at the benefit concert for the Marian Anderson Library and Scholarship Fund at the University on August 22 at the Frederic Mann Music Center. "I never dreamed that there would be a Marian Anderson Day in Philadelphia.... This is one of the greatest moments in my life," she said.

President Martin Meyerson expressed his appreciation of Anderson's gift of personal papers and memorabilia to the University citing its outstanding resource for the University, the city of Philadelphia and the world-wide music community and that

(Continued on page 5)



SHEN

Speaking Out

Safety Measures

To the Editor:

Working in an office that has been broken into twice since May and in the company of a young woman who was assaulted just last week outside of this building [Bennett Hall] during daylight, I would like to voice my concern over the safety at the University of Pennsylvania.

As I had heard from my colleagues in June, 15 new police officers were just being trained to be added to the present police force. Still, I hardly see any policemen on campus. The only time I saw a few of them was during the trustees' meeting in June.

It is not just the break-ins that bother me. Walking on campus is becoming increasingly dangerous. Speeding bicycles make walking rather unpleasant. Many neighborhood teenagers have adopted this campus as their playground, and they practice riding bicycles in the fastest way possible with pedestrians as the slalom course. Naturally, their blasting radios are in the back. And other people have adopted this campus as a toilet for their dogs.

Is the University waiting for reports of injuries from both students and administrators before some kind of measures are taken? Or am I mistaken, and the Blanche Levy Park was redone solely for bicycle

and skateboard riders?

Other Ivy League and urban schools have fenced their campuses where possible and patrol them day and night. Do we have to wait for action until after our pocketbooks are snatched by speeding bicyclists or more assaults are reported?

—Jitka M. Kaufman
Foreign Study Adviser

David L. Johnston, director of public safety, responds:

Mrs. Kaufman has touched on the subject of increasing concern by the Department of Public Safety: speeding bicycles on the 38th Street footbridge, Locust Walk and/or Levy Park. We recognize this problem and have instituted more foot patrols since our 15 new officers graduated from the Philadelphia Police Academy on August 16th. In addition, we are experimenting with bicycle patrols which can extend patrol districts and speed our responses in an energy efficient manner. Rest assured, members of our department as well as persons throughout our community have stopped and admonished youngsters on bikes and skateboards.

As director of public safety, I see no positive correlation between campus crimes and bicyclists. Further, I could not, in good conscience, advise the

University to erect fences in order to keep out persons from the University City community. This University setting has a planned and natural attractiveness for scholars and citizens alike. In my opinion, programs which foster the inquisitiveness and the curiosity of our neighbors through the use of our museum, playing fields, libraries, sculpture and flora serve as inspiration for more formal inquiry.

Finally, your University police department, through increased day and night patrols as well as intensified in-service training, has made important on-site arrests. Buildings that are vulnerable to crime have been identified and altered before problems and losses have occurred. In our opinion, the University is a safe campus. Through community awareness of personal safety practices, coupled with a knowledge of services offered by our department (security surveys, escorts, emergency telephones, victim support, intensive patrols, etc.) we can cooperatively realize an even greater sense of security.

Please feel free to stop by our offices at 3914 Locust Walk, across from High Rise North, or call me at Ext. 4480 or Ruth Wells, crime prevention specialists, at Ext. 4481 if you have further questions or concerns. All who have ideas or suggestions to improve security are urged to contact us.

Volunteers Sought

The Diagnostic and Treatment Preschool of Children's Hospital needs volunteers/work-study students for a semester or the academic year. The preschool assists children under age five with developmental or medical problems. Call Sharon Roberts at 387-6174.

For the Record

Almanac's Campus Calendar is a 10-day calendar of events. It will include *only* those activities which occur between Thursday and the following Sunday of each publication date.

Letters Welcome

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

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, Charles Dwyer and Walter Wales for the Faculty Senate; Curtis L. Barnes, director of communications services; Valerie Pena 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 513-515 Franklin Building.

Campus Escort Service Available

The escort service provides escorts after 5 p.m. for the University community to locations on campus and within a one mile radius of campus. Yellow emergency phones, which are directly connected to central security, are located at 174 stations around campus. And, there is a 24 hour hotline to the crime specialist for victims of sensitive crimes—Ext. 6600. The number for the crime prevention specialist is Ext. 4481.

Religious Holidays Policy

Provost Vartan Gregorian wishes to remind faculty and students that no examinations should be given or assignments made during the fall semester on Roshhashana and Yom Kippur.

Students who wish to observe religious holidays other than those listed such as Sukkoth (the last two days of Passover) or Shemini Atzereth, should inform their instructors during the first two weeks of the term in order to make alternate arrangements. (See *Almanac*, February 20, 1979, for full religious policy statement.)

Benefit Recital (Continued from page 3)

the efforts of the National Committee to Honor Marian Anderson had taken its mission beyond the University and Philadelphia to the rest of the country.

The recital, performed by Luciano Pavarotti, netted over \$50,000; including contributions, the fund totals over \$100,000. According to Robert Duvall, development officer for the Faculty of Arts and Sciences, the proceeds from the concert will enable the University to begin work on cataloging items in the Marian Anderson Library, currently located in Van Pelt Library, and to name the first recipient of a Marian Anderson Scholarship. Peter Hoyt, an oboist and advanced student in music composition, has since been named recipient.

Phenomenon of Power Program Scheduled

The College of General Studies, in cooperation with the Women's Studies Program and the Women's Center will be offering a non-credit program exploring two aspects of the phenomenon of power. *Women and Power*, which will meet on September 26, October 10 and 24, November 7 and 28 and December 5, contains six sessions on the definition of power, women and political power, organizational power, female power and male dominance, power in families and myths of helplessness. Lecturers are Dr. Frederick Frey, chairperson of the international relations graduate group, Dr. Harold Frank, clinical associate professor of group dynamics in medicine at the medical school, Dr. Peggy Sanday, associate professor of anthropology, Dr. Ann Beuf, chairperson of the women's studies program, Dr. Sandra Prince-Embury, clinical psychologist, and Dr. Rita Kelley, professor of urban studies at Rutgers University at Camden.

Personality and Power, the program's second session on the phenomenon of power which will be held on October 2, 16 and 30, November 13 and 27 and December 11, will attempt to predict and understand the thought processes, motivations, ways of acting and world views of key political figures; topics include "Presidential Analysis: Kennedy, Nixon and Carter," "Communist Leadership: Lenin, Mao and Stalin" and "Personality and Power in Philadelphia."

The fee is \$50 for each program, and they will be held from 6 to 8 p.m. in Center City. Enrollment is limited. For further information, call the CGS office at Ext. 7326.

Bulletins

Nutrition Efforts Made for Students

Last spring the Pennnutrition Program, a joint effort of the Penn Dining Services and the Center for Science in the Public Interest, was given a trial run in the Hill House cafeteria. For students who understood the basics of nutrition, the foods underlined in red on the menus and marked with a red star in the serving line would be quick to detect. And for students who were ignorant of nutrition, the red indicators would help them choose food wisely. In addition, posters and pamphlets had been placed in the dining halls to educate them about nutritional diets. Menus from the program, which was officially put into effect last week, won a first place award from the National Association of College and University Food Services.

Graduate Hospital Opens Patient Care Facility

The Graduate Hospital will formally dedicate its new 300 bed patient care facility Wednesday, September 12. Opening six months ahead of schedule, the facility will be able to provide the community with its quality health care services, patient care, medical education and research. Among the many major features of the new facility is the Primary Care Nursing/No-Nursing Station system which places each patient under the guidance of one nurse and which moves the nurses' stations directly into the patients' rooms.

Formerly the Graduate School of Medicine of the University of Pennsylvania, Graduate Hospital attained its autonomy in 1975. Completion of the facility represents the hospital's transition to an independent institution while maintaining its excellence in education through affiliations with the School of Medicine and the School of Dental Medicine.

Sex Roles Reinforced in Commercials

In a study in the *Journal of Communication*, the quarterly publication of the Annenberg School, researchers reported that the production techniques used in children's toy commercials were vastly different for commercials directed at boys and those aimed at girls.

"Subtle Sex-Role Cues in Children's Commercials," conducted by Renate C. Welch and colleagues at the Center for Research on the Influence of Television on Children at the University of Kansas, was one of seven studies in the *Journal* symposium on the effects of television on children.

Analyzing production techniques for 60 toy commercials, researchers discovered that commercials directed at boys contained highly active toys, varied scenes, high rates of camera cuts, high levels of sound effects and loud music.

Those commercials directed at girls contained frequent fades, dissolves and background music, all of which are techniques that reinforce the quiet, soft, gentle and inactive female stereotype, the researchers reported.

The masculine image stereotype in these commercials appeared far stronger than the comparable passive feminine image.

Commercials directed at both sexes had almost exclusively male narration, thus supporting the sex-role stereotype pattern. Females deferred to males and spoke with authority only to other females in female commercials.

The study concluded that the continuous presentation of messages in which the content had a specific sex as the target audience might cause children of either sex to interpret any message, whether it be a subtle one or not, regardless of the intended audience, as masculine or feminine through these particular production techniques.

Feminist Films Program Presented

The Free Women's School, in cooperation with Penn's Christian Association and the Neighborhood Film Project of the International House, will sponsor *Sister Cinema*, a program of feminist films by women directors, on Wednesday, September 19 in the International House. The eight films include Freude's "Folly," "I Am Somebody" by Madeline Anderson, Connie Beeson's "Women," "I'm Not One of 'Em," directed by Jan Oxenberg, "Cumulus Nimbus" by Virginia Giritlian, Lorraine Bubar's "Drawn in Blue," Bonnie Sherr Klein's "Patricia's Moving Picture" and "Some Will Be Apples" by Kathleen Laughlin and Phyllis MacDougal. There will be two showings at 7:30 and 9:15 p.m.; admission is \$3.50, and all proceeds go to benefit the Free Women's School. For advance ticket sales and information call Karen Wulp at 662-5261.

Sign Up for Lifetime Activities Programs

Recreation Lifetime Activities, a division of Recreation and Intercollegiate Athletics at the University, is offering a variety of recreation and instruction programs for all students, faculty, staff members, alumni and community residents throughout the academic year. There are two sessions of activities and programs per term, and classes cover a wide range of sports such as aquatics, gymnastics, dance and exercise, fencing, racquet sports, jogging, yoga, women's self-defense and more. Instructional fees are \$10 for students, \$15 for faculty, staff, alumni and dependents and \$20 for community residents. There is no charge for recreational activities, i.e., for use of the gym facilities for students, faculty and staff. For information on the fall term's first session of lifetime activities, call Gimbel Gymnasium at Ext. 6101, and for the second session call Hutchinson Gymnasium, Ext. 8387.

Come to a Lush Jungle

From Wednesday, September 19 through Friday, September 21 the Penn Union Council will hold its fifth annual plant sale which will transform Houston Hall's West Lounge into a tropical jungle with over 3,000 plants. All proceeds of the sale will be used to support student sponsored programs on campus.

Deaths

Dr. Robert S. Brody (August 13 at 51) professor of surgery at the School of Veterinary Medicine since 1963, died in an automobile accident while vacationing in Canada. A pioneer in the study and treatment of cancer in domestic animals and author of numerous articles describing his treatments, he founded the Small Animal Tumor Clinic at the veterinary school's Small Animal Hospital in 1967. He was head of the clinic at the time of his death.

Harry D. Faust (July 9 at 61) a custodian in the Physical Plant Department since 1964.

Thomas J. Gibson (June 5 at 50) a security officer since 1968. He died of a heart attack while on duty pursuing a purse snatcher.

Maebelle Hart (August 10 at 68) secretary in the department of medicine until her retirement in 1975.

Elizabeth Head (July 30 at 74) a laboratory assistant at the School of Medicine from 1946 until 1961 and a senior animal laboratory technician from 1961 until her retirement in 1969.

Dr. Grayson P. McCough (August 9 at 90) emeritus professor of neurophysiology at the Graduate School of Medicine, he was known for his research on spinal cord injuries. He joined the University faculty in 1920 and was named emeritus professor in 1954.

Roy J. Savell (August 19 at 50) a mail carrier from 1957 until he became assistant supervisor in 1959 and supervisor of Mail Service since 1967.

Charles F. Shaffer (August 3 at 67) a machinist from 1967 until 1969 when he became shop supervisor at the Graduate School of Fine Arts until his retirement in 1978.

Dr. Ruth E. Smalley (July 10 at 75) emeritus professor of social work. She joined the University faculty in 1950 as professor of social work; she served as acting dean from 1957 until 1958 when she became Dean of the School of Social Work until 1966. Smalley was named emeritus professor in 1967.

Appointments

Following are Appointments approved by the trustees between March 14, 1979 and May 3, 1979. They are based on actions taken by the Provost's Staff Conference. A bullet (•) before a standing faculty name indicates that the faculty member achieved tenure. Under the listings for secondary appointments, the primary appointment appears within parentheses. For a description of the structure of the academic staff and definitions of standing and associated faculty, refer to Almanac supplement, April 19, 1977, pp. IV-V ("Draft Revision of Basic Documents on Academic Governance at the University of Pennsylvania").

College of Engineering and Applied Sciences

Standing Faculty

Dr. Terry L. Friesz, assistant professor of civil and urban engineering.

Other Changes

Dr. Steven C. Batterman, from professor of applied mechanics in mechanical engineering and applied mechanics to professor of bioengineering in the standing faculty.

Faculty of Arts and Sciences

Standing Faculty

Dr. Steven G. Louie, assistant professor of physics.

Dr. Candace A. Slater, assistant professor of Romance languages.

Dr. Paul J. Wiita, assistant professor of astronomy.

Secondary Appointments

Dr. E. Digby Baltzell (professor of sociology) professor of history.

Dr. Peter D. Blair (assistant professor of regional science) assistant professor of public and urban policy.

Graduate School of Education

Associated Faculty

Dr. Harbison Pool, adjunct professor of education.

Secondary Appointment

Dr. Charles Rosenberg (professor of history) professor in the social foundations program.

Other Changes

Dr. Ezekiel Mphahlele, professor of engineering in the standing faculty, resigned as of June 30, 1979.

Dr. Ivan A. Sag, professor of linguistics in the standing faculty, resigned as of June 30, 1979.

Dr. Andrew T. Scull, assistant professor of sociology in the standing faculty, resigned as of June 30, 1979.

Dr. David Van Zanten, associate professor of the history of art in the standing faculty, resigned as of June 30, 1979.

School of Dental Medicine

Standing Faculty

Dr. Solly Rosenberg, assistant professor of form and function of the masticatory system.

Dr. Barbara Steinberg, assistant professor of oral medicine.

Dr. Jay Yanoff, assistant professor of dental care systems.

Associated Faculty

Dr. Joseph Brand, adjunct assistant professor of biochemistry.

Secondary Appointment

Dr. Josephine Cohen (adjunct associate professor of occupational therapy) adjunct associate professor of dental hygiene.

Dr. Richard Warner (assistant professor of philosophy) assistant professor of oral medicine.

School of Medicine

Standing Faculty

• **Dr. Peter H. Bloch**, associate professor of radiation physics in radiation therapy.

• **Dr. Clara Franzini-Armstrong**, associate professor of anatomy.

Dr. Robert E. Gerhardt, assistant professor of medicine.

Dr. Thomas P. Keon, assistant professor of anesthesia.

Dr. Donald P. Kotler, assistant professor of medicine.

Dr. Warren J. Levy, assistant professor of anesthesia.

Dr. Thomas McKearn, assistant professor of pathology.

• **Dr. Neal Nathanson**, professor of microbiology.

Dr. Gilberto R. Pereira, assistant professor of pediatrics.

Dr. Antonio J. Reginato, assistant professor of medicine.

Dr. Linda M. Sacks, assistant professor of pediatrics.

Dr. Stanley S. Schwartz, assistant professor of medicine.

• **Dr. Andrew P. Somlyo**, professor of physiology.

Dr. Alan R. Spitzer, assistant professor of pediatrics.

Dr. Josephine J. Templeton, assistant professor of anesthesia.

Dr. Victoria L. Vetter, assistant professor of pediatrics.

Dr. Alan S. Weinstein, assistant professor of medicine.

Dr. Robert A. Weisman, assistant professor of otorhinolaryngology and human communication.

Associated Faculty

Dr. Joseph A. Jacobs, clinical assistant professor of urology in surgery.

Dr. William M. Keane, clinical assistant professor of otorhinolaryngology and human communication.

Dr. Gerald M. Lemole, clinical assistant professor of surgery.

Dr. Donald E. Mosier, adjunct professor of pathology.

Dr. Lucy B. Rorke, clinical professor of pathology.

Dr. David B. Schaffer, associate professor of ophthalmology at Children's Hospital in the clinician-educator track.

Dr. Paschal M. Spagna, clinical assistant professor of surgery.

Support Faculty

Dr. Carolyn S. Crawford, lecturer of pediatrics.

Dr. Charles E. Riva, lecturer of research ophthalmology.

Secondary Appointments

Dr. Steven C. Batterman (professor of bioengineering) professor of bioengineering in orthopaedic surgery.

Dr. Peter H. Bloch (associate professor of radiation physics in radiation therapy) associate professor of radiation physics in radiology.

Dr. Mortimer M. Civan (professor of physiology) associate professor of medicine.

Dr. Murray DaLinka (professor of radiology at the Hospital of the University of Pennsylvania) professor of radiology in orthopaedic surgery.

Dr. Maria Delivoria-Papadopoulos (professor of pediatrics) professor of obstetrics, gynecology and physiology.

Dr. John J. Downes, Jr. (professor of anesthesia) professor of pediatrics.

Dr. William L. Elkins (associate professor of pathology) associate professor of pediatrics.

Dr. Clara Franzini-Armstrong (associate professor of anatomy) associate professor of physiology.

Dr. Myron W. Frederic (clinical associate professor of neurology) clinical associate professor of neurology in ophthalmology.

Dr. Brett B. Gutsche (professor of anesthesia) professor of obstetrics and gynecology at the Hospital of the University of Pennsylvania.

Dr. Lawrence A. Kerson (clinical assistant professor of neurology) clinical assistant professor of neurology in ophthalmology.

Dr. C. Everett Koop (professor of pediatric surgery) professor of pediatrics.

Dr. Leena M. Mela (associate professor of physical biochemistry in surgery) associate professor of biochemistry in orthopaedic surgery.

Dr. Salvador Minuchin (professor of child psychiatry) professor of pediatrics.

Dr. David Nunamaker (associate professor of orthopaedic surgery) associate professor of veterinary medicine in orthopaedic surgery.

Dr. Solomon R. Pollack (professor of bioengineering) professor of bioengineering in orthopaedic surgery.

Dr. Lucy B. Rorke (clinical professor of pathology) clinical professor of pathology in neurology.

Dr. Andrew P. Somlyo (professor of physiology) professor of pathology.

Dr. Eliot Stellar (professor of physiological psychology in anatomy) professor of physiology psychology in psychiatry.

Dr. Samuel H. Tucker (associate professor of pediatrics) associate professor of pediatrics in neurology.

Dr. Anthony F. C. Wallace (professor of anthropology) professor of anthropology in psychiatry.

Dr. Frank A. Welsh (associate professor of biochemistry in neurology) associate professor of biochemistry and biophysics.

Other Changes

• *Dr. Peter H. Bloch*, from associate professor of radiation physics in radiation therapy in the associated faculty to associate professor of radiation physics in radiation therapy in the standing faculty.

Dr. Lucy B. Rorke, from adjunct professor in pathology to clinical professor of pathology in the associated faculty.

• *Dr. Andrew P. Somlyo*, from professor of physiology in the associated faculty to professor of physiology in the standing faculty.

School of Nursing

Other Changes

Ms. Joan Faris, from assistant professor of nursing to adjunct assistant professor of nursing in the associated faculty.

Ms. Joyce Shoemaker, assistant professor of nursing in the standing faculty, resigned as of June 30, 1979.

School of Veterinary Medicine

Secondary Appointments

Dr. Aaron H. Katcher (associate professor of oral medicine) associate professor of psychiatry in clinical studies.

Ms. Eleanor Ryder (professor of social work) professor of social work in clinical studies.

Other Changes

Dr. Norma Goldstein, from research assistant professor of biochemistry to adjunct assistant professor of biochemistry in animal biology in the associated faculty.

Dr. Lillian Maggio, associate professor of medicine in clinical studies in the standing faculty, resigned as of June 30, 1979.

Wharton School

Secondary Appointment

Dr. Nicholas J. Gonedes (professor of accounting) professor of finance.

Other Changes

Dr. Richard Heiberger, assistant professor of statistics and operations research in the standing faculty, resigned as of June 30, 1979.

Dr. Thomas L. Saaty, professor of social systems sciences, resigned as of June 30, 1979.

Promotions

The following Promotions were approved by the trustees between March 14, 1979 and May 3, 1979. They are based on actions taken by the Provost's Staff Conference. A bullet (•) before a standing faculty name indicates that the faculty member achieved tenure. Under the listings for promotions in secondary appointments, primary appointments appear within parentheses. For a description of the structure of the academic staff and definitions of standing and associated faculty, refer to Almanac supplement, April 19, 1977, pp. IV-V ("Draft Revision of Basic Documents on Academic Governance at the University of Pennsylvania").

College of Engineering and Applied Sciences

Standing Faculty

• *Dr. David R. Gaskell* to professor of materials science and engineering.

Faculty of Arts and Sciences

Standing Faculty

• *Dr. G. Roger Edwards* to professor of anthropology.

• *Dr. Robert F. Engs* to associate professor of history.

School of Dental Medicine

Associated Faculty

Dr. Nabil Abaza to clinical assistant professor of oral surgery.

Dr. Craig Bloom to clinical assistant professor of oral surgery.

School of Medicine

Standing Faculty

• *Dr. Zalman S. Agus* to associate professor of medicine.

• *Dr. Edward D. Crandall* to associate professor of physiology.

• *Dr. Alden H. Harken* to associate professor of surgery.

• *Dr. Roger H. Kennett* to associate professor of human genetics.

Dr. Robert G. Kettrick to assistant professor of anesthesia.

Dr. James L. Mullen to associate professor of surgery.

• *Dr. James C. Saunders* to associate professor of research otorhinolaryngology and human communication.

• *Dr. Luis Schut* to professor of neurosurgery in surgery.

• *Dr. Frank A. Welsh* to associate professor of biochemistry in neurosurgery.

Associated Faculty

Dr. Larissa T. Bilaniuk to associate professor of radiology at the Hospital of the University of Pennsylvania.

Dr. Pamela T. Burch to research assistant professor of biochemistry and biophysics.

Dr. Arthur S. Brown to adjunct assistant professor of surgery.

Dr. William B. Carey to clinical assistant professor of pediatrics.

Dr. Christopher M. Clark to clinical assistant professor of neurology.

Dr. Eugene G. d'Aguili to clinical associate professor of psychiatry.

Dr. Vincent DiStefano to clinical assistant professor of orthopaedic surgery.

Dr. Carol A. Dolinskas to clinical assistant professor of radiology.

Dr. Philip J. Escoll to clinical professor of psychiatry.

Dr. William W. Fox to associate professor of pediatrics at Children's Hospital.

Dr. Frances M. Gill to associate professor of pediatrics at Children's Hospital in the clinician-educator track.

Dr. John W. Gruber to clinical assistant professor of medicine.

Dr. Brett B. Gutsche to professor of anesthesia at the Hospital of the University of Pennsylvania.

Dr. Larry S. Hart to clinical assistant professor of psychology in psychiatry.

Dr. Harvey A. Horowitz to clinical assistant professor of psychiatry.

Dr. Louis D. Lowry to associate professor of otorhinolaryngology and human communication at the Hospital of the University of Pennsylvania in the clinician-educator track.

Dr. Herbert W. Nickens to assistant professor of psychiatry at the Hospital of the University of Pennsylvania.

Dr. Michael E. Norman to associate professor of pediatrics at Children's Hospital.

Dr. John S. Parks to associate professor of pediatrics at Children's Hospital.

Dr. George J. Peckham to associate professor of pediatrics at Children's Hospital in the clinician-educator track.

Dr. Henry Rosenberg to associate professor of anesthesia at the Hospital of the University of Pennsylvania.

Dr. M. Duncan Stanton to associate professor of psychology in psychiatry at the Philadelphia Child Guidance Clinic.

Dr. George E. Woody to clinical associate professor of psychiatry.

School of Veterinary Medicine

Standing Faculty

- Dr. Clifton A. Baile to professor of nutrition in clinical studies.
- Dr. Richard O. Davies to professor of physiology in animal biology.
- Dr. Joseph F. Spear to professor of physiology in animal biology.

Leaves

The following Leaves were approved by the trustees between March 14, 1979 and May 3, 1979. Editor's note: Individual faculty members sometimes reschedule their leaves after formal approval, and this may not be reflected in the listings below.

Faculty of Arts and Sciences

Dr. Jere Behrman, professor of economics, on a scholarly leave of absence (1979-80).

Dr. Lee Benson, professor of history, on a scholarly leave of absence (1979-80).

Dr. Michael Cohen, professor of physics, on a scholarly leave of absence (fall 1979).

Dr. James C. Davis, professor of history, on a scholarly leave of absence (1979-80).

Dr. Edward Effros, professor of mathematics, for employment elsewhere (1979-80).

Dr. Bruce Fitzgerald, assistant professor of regional science in the peace science unit, for employment elsewhere (1979-80).

Dr. John G. Fought, associate professor of linguistics, on a scholarly leave of absence (1979-80).

Dr. Francine Frankel, professor of political science, on a scholarly leave of absence (1979-80).

Dr. Arthur Green, assistant professor of religious studies, on a scholarly leave of absence (1979-80).

Dr. Neal Gross, professor of sociology, on a scholarly leave of absence (1979-80).

Dr. Alan W. Heston, professor of South Asian regional studies, on a scholarly leave of absence (fall 1979).

Dr. Daniel Hoffman, professor of English, on a scholarly leave of absence (1979-80).

Dr. John Jackson, associate professor of political science, on a scholarly leave of absence (1979-80).

Dr. Charles H. Kahn, professor of philosophy, on a scholarly leave of absence (1979-80).

Dr. Roberto Mariano, associate professor of economics, on a scholarly leave of absence (1979-80).

Dr. Charles I. Minott, associate professor of the history of art, on a scholarly leave of absence (spring 1980).

Dr. Almarin Phillips, professor of economics, for employment elsewhere (spring 1980).

Dr. Robert T. Powers, professor of mathematics, on a scholarly leave of absence (1979-80).

Dr. Rosanne Rocher, associate professor of South Asian regional studies, on a scholarly leave of absence (1979-80).

Dr. Carroll Smith-Rosenberg, associate professor of history, on a scholarly leave of absence (fall 1979).

Dr. Charles Rosenberg, professor of history, on a scholarly leave of absence (1979-80).

Dr. Alvin Z. Rubinstein, professor of political science, for employment elsewhere (spring 1980).

Dr. Yoshitaka Suyama, professor of biology, on a scholarly leave of absence (fall 1979).

Graduate School of Fine Arts

Dr. Larry Hirschhorn, assistant professor of city and regional planning, on a scholarly leave of absence (fall 1979).

Dr. Steven H. Putman, associate professor of city and regional planning, on a scholarly leave of absence (fall 1979).

Dr. Anthony Tomazinis, professor of city and regional planning, on a scholarly leave of absence (1979-80).

School of Dental Medicine

Dr. Aaron H. Katcher, associate professor of oral medicine, on a scholarly leave of absence (1979-80).

School of Medicine

Dr. Aaron T. Beck, professor of psychiatry, on a scholarly leave of absence (fall 1979).

Dr. Bryan E. Marshall, professor of anesthesia, on a scholarly leave of absence (1979-80).

School of Nursing

Ms. Joette Clark, assistant professor of nursing, for employment elsewhere (1979-80).

School of Veterinary Medicine

Dr. Joan O'Brien, professor of medicine in clinical studies, on a scholarly leave of absence (1979-80).

Dr. Donald F. Patterson, Charlotte Newton Sheppard Professor of Medicine, on a scholarly leave of absence (fall 1979).

Wharton School

Howard Cohen, associate professor in public sector management, for employment elsewhere (1979-81).

Dr. Robert Gerritsen, assistant professor of decision sciences, for employment elsewhere (1979-80).

Dr. Ross A. Webber, professor of management, on a scholarly leave of absence (fall 1979).

Openings

The following listings are condensed from the personnel office's bulletin of August 30, 1979. Dates in parentheses refer to the Almanac issue in which a complete job description appeared. Bulletin boards at 13 campus locations list full descriptions. Those interested should call personnel services, Ext. 7285. The University of Pennsylvania 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). An asterisk (*) before a job title indicates that the department is considering promoting from within.

Administrative/Professional

Accountant I monitors accounts receivable, processes cash receipts and petty cash accounts. B.A. in accounting, two years' experience in accounting or fund-accounting. \$10,375-\$14,375.

Applications Programmer Analyst II consults with users of systems and programs, analyzes segments/systems for computer operations, develops system flow charts. B.A. in computer science or experience with PL/I or Cobol, IBM 370 JCL; three years' experience in programming concepts using large operating system. \$14,850-\$20,550.

Assistant to the Comptroller helps manage payroll accounting and special line accounting interface. B.A. in accounting. Salary to be determined.

Assistant Controller of Physical Plant (two positions) assists operating accounting functions and managing personnel. B.A. in accounting with budget, audit, finance and statistic course work. Salary to be determined.

Assistant Dean (four positions) (a) performs academic advising and administrative duties (Ph.D., teaching or advising in arts and sciences); (b) recruits and counsels students on academic and personal matters, coordinates student financial aid, consults with departments (B.A. from a recognized college or university); (c) develops and administers non-credit courses, advises on academic matters (advanced degree or experience in continuing education); (d) plans and teaches mini-courses, makes modules for students in social science computing, supervises remote computer facility (Ph.D. in social sciences). \$14,850-\$20,550.

Assistant Director plans support systems program, makes contracts, grants, proposals and plans for membership rolls; prepares budgets and cooperative networks. M.A., three years' experience at director level in a college or non-profit educational agency. \$1,625-\$26,250.

Assistant Director of Athletics for Women serves as liaison with women coaches and works with them on budgeting, facility planning and scheduling; represents the director in AIAW. Three to five years' management experience with collegiate athletic programs. \$18,625-\$26,250.

Assistant Director Student Financial Aid operates financial and loan programs, analyzes student applications for aid, interviews students with financial troubles, makes adjustments, works with officials to coordinate programs. B.A., experience in financial aid, quantitative skills. \$12,900-\$17,850.

Assistant to Director edits manuscripts and publication materials, advises students on courses, helps create co-curricular programs and policies, supervises budgets and personnel. B.A., several years' experience in writing, programming, communication and bookkeeping programs, planning and management. \$11,250-\$15,850.

Assistant to the Director curates an exhibition biannually, writes catalog essays, reviews art work, gives gallery lectures. B.A. in art history, two years' experience in an art institution. Salary to be determined.

Assistant to the Vice-President for Budget and Finance coordinates office operations, assists in budgeting and personnel matters, prepares reports and presentations. B.A., three to five years' experience in corporate or institutional administrative work and management. Salary to be determined.

Associate Administrator coordinates accounting policies, consults clinical departments, operates CPUP banking system. MBA/CPA or accounting experience. \$16,125-\$22,725.

Associate Dean handles curriculum, admissions, minority and student affairs; researches financial aid and education. M.D., experience. Salary to be determined.

Associate Development Officer II manages fund-raising programs, implements corporate communications projects, prepares major gift appeals. Three to five years' experience in public relations or promotional or fund-raising work. \$16,125-\$22,725.

Associate Director handles food service operations, banquets; coordinates menu composition. B.A. or business education, ten years' experience as a unit manager. \$14,850-\$20,550.

Associate Director of Admissions recruits students, writes publications, evaluates staff. B.A. with background in operations management. Salary to be determined.

Associate Editor supervises institute's technical communications, edits scientific documents, procures photographic and printing services. B.A. in English, journalism, or related field, extensive writing and editorial experience, knowledge of scholarly research writing processes. \$14,850-\$20,550.

Associate Rowing Coach teaches basic rowing and intermediate and advanced racing, recruits and counsels, contracts and purchases equipment, supervises lightweight program. B.A. in international experience. Salary to be determined.

Business Administrator II prepares budgets and their monthly reports, schedules and gray books. B.A. or experience in research accounting and budget administration. \$11,250-\$15,850.

Business Administrator III reviews and countersigns requests to the University for payments from sub-contractors on HL 15835; prepares fiscal portion of applications for government and private agency funding; handles all equipment. B.A. with fiscal and administrative experience. \$12,900-\$17,850.

Catering Assistant keeps logs, maintains equipment. Education or experience in catering and management. \$10,375-\$14,375.

Clinical Psychologist works with cancer patients and performs crisis intervention counseling of patients and families; participates in behavioral medicine research. M.A., counseling, clinical and behavioral research experience, familiarity with methodology and data analysis. \$16,125-\$22,725.

Club Manager manages club for inventory, staff, purchasing and cleaning membership. Experience in bartending and inventory control. Salary to be determined.

Comptroller maintains accounting systems and financial reports, monitors receipts and disbursements. Advanced degree in accounting, five years' experience with financial and administrative duties. Salary to be determined.

Contracts Administrator I processes applications and proposals to federal and state agencies, foundations and firms; negotiates contract terms, acts as liaison. B.A. in business or engineering. \$12,900-\$17,850.

Contracts Administrator II provides assistance to faculty and business administrators in preparing applications and proposals; monitors performance of University and sponsors in conformity to grant terms. B.A. in business or engineering. \$14,850-\$20,550.

Coordinator Educator II manages operation of new project, writes program manuals, performs liaison work with funding source, oversees budget, coordinates classes and laboratories, supervises video and social work graduate students. M.A. in social work, experience in counseling, administration, women's leadership programs and assertive training. \$12,900-\$17,850.

Director serves as chief executive officer of the trustees' publishing arm; plans budgets, contracts, editorial program; makes basic production and marketing strategies; manages staff, facilities and daily operations. Several years' experience in publishing scholarly books, extensive knowledge of acquisition finances and editorial procedures. Salary to be determined.

Editor/Writer I develops variety of printed materials to support academic programs; coordinates project with designer, photographer and production coordinator; makes client contact. English or journalism degree, experience, writing skills. \$10,375-\$14,375.

Electrical Engineer III sets up equipment, assists in classroom, keeps records and inventory. B.A. in electrical engineering, knowledge of analog and digital electronics and computer programming, previous experience. \$16,125-\$22,725.

Executive Assistant to the Provost assists in responsibilities, handles correspondence and faculty and administrative personnel matters. Ph.D. or other terminal degree. Salary to be determined.

Fiscal EDP Coordinator handles systems planning, researches and designs approach to data generated within the organization. B.A. in business administration, experience with budgets, accounting and data analyses procedures. \$12,900-\$17,850.

Head Teacher (two positions) supervises day care for children under three years of age, coordinates activities according to their educational and social needs. Early child education or child care degree, two years' experience in class group teaching/management or early childhood education programs. Salary to be determined.

Junior Research Specialist (five positions) (a) prepares proteins and enzymes from animal muscle, performs enzyme assays and radioisotopic work (B.S. in biochemistry or biology, two years' experience); (b) assists with biochemical experiments, prepares and purifies membrane components, performs assays (B.S. in chemistry, biochemistry or biology, research experience); (c) designs radioimmunoassays, prepares reports of radioactive materials and tissue sections for histology (B.A. with four years' experience in a biology or immunology laboratory); (d) performs biochemical analyses of sub-cellular fractions of bacteria, researches molecular aspects of bacteria pathogenicity (M.A. in biology or chemistry, two years' experience); (e) prepares and examines tissues for light and electron microscopy, prepares photomicrography and micrographic negatives (B.A. with experience in light and electron microscopic techniques using ultramicrotome and electron microscopes). \$10,375-\$14,375.

Language Specialist teaches and assists in program administration and research/materials development. M.A. in TESL, teaching experience on adult level intensive ESL program for teaching English. \$10,375-\$14,375.

Librarian II helps administer bibliographic operations and circulation data base input, trains staff in data entry, oversees on-line cataloging data for circulation. Bibliographic skills, on-line computer experience, professional experience in library public service area. \$12,900-\$17,850.

Managing Editor screens articles for interest and style, decides what is published, handles business distribution and subscriptions, solicits advertisers and promotion media. B.A., training in journalism, familiarity with layout and design, several years' experience with business publications. Salary to be determined.

Programmer Analyst II designs and develops biomedical computer programs, provides research data analyses, advises principal investigators on computer support for research projects, evaluates program packages. B.S. in science, experience with biomedical computer applications and Fortran IV in TSO environment. \$14,850-\$20,550.

Project Manager develops application software, plans network expansion, deals with vendors, servicemen and Uni-Coll technicians, trains operators, coordinates installations in physical plant. Four years' experience with programming systems, programming languages and heavy PLI and CICS on-line development. \$16,125-\$22,725.

Registrar keeps acquisition, location, inventory and loan records; catalogs and photographs specimens; records ingress and egress of materials for study and exhibition. B.A. in anthropology, two years' experience in registration and computer skills. \$14,850-\$20,550.

Research Specialist I (three positions) (a) supervises scanning electron microscopes, vacuum evaporators and freeze fracture equipment (B.A., knowledge of electron microscope operation and specimen preparation; mechanical and electrical circuit repair skills); (b) performs statistical data analyses on national crime scale, writes reports on victimization data, reviews literature (M.A., ABD in criminology, experience with quantitative methods in criminal justice data, computer programming, victimology); (c) performs engineering services in graphite field intercalation, prepares reports on intercalated wire and cable (B.A. in engineering, understanding of graphite intercalation). \$11,250-\$15,850.

Research Specialist II (three positions) (a) performs animal research in radiology and nuclear medicine, cares for animals, analyzes data, writes reports (B.S. in science, experience in animal anesthesia, surgery, radiology and nuclear medicine or computer programming); (b) designs novel electronic systems for particle physics research including interfacing to mini-computer data (knowledge of modern digital electronics, experience with mini-computers); (c) participates in archaeological field surveys,

excavations and mapping (two years' experience in excavation and survey procedures). \$12,900-\$17,850.

Research Specialist III identifies populations, obtains specimens from human subjects, collaborates with investigators on periodontal disease. D.M.D., board eligible for certified periodontics. \$14,850-\$20,550.

Senior Systems Analyst (three positions) (a) creates on-line data acquisitions systems for compatibility with other facilities; prepares programs for colliding beam experiments; consults on physics problems (Ph.D. in physical science, knowledge of Fortran on IBM + DEC, CDC computers and PDP II Macro and Graphics); (b) submits program applications for series/1, evaluates application programs for series/2 and data base applications (B.A., experience with BMD, SPSS, PL/2 assembler, Fortran and IBM equipment); (c) prepares feasibility studies, systems designs, programming specification, trains user groups (B.A. in business, several years' experience in data processing and systems analyses, ability to design on-line, real-time computers). \$16,125-\$22,725.

Staff Nurse serves as clinic coordinator and teacher, assumes CPR and emergency team duties, administers general anesthesia in oral surgery. B.S.N., training in critical care nursing, anesthesia and surgical nursing in oral surgery. \$10,375-\$14,375.

Superintendent—Utilities operates and maintains electrical, steam and chilled water air conditioning and mechanical systems. B.A. in mechanical or electrical engineering. \$14,850-\$20,550.

Part-Time

Assistant Lightweight Football Coach assists with lightweight football team. B.A., some collegiate playing. Hourly wages.

Interviewers interview patients in their homes and code the data for keypunching; must travel throughout New Jersey. Experience in survey and interview techniques, familiarity with medical record terminology. Hourly wages.

Electrical Engineer I designs and maintains electronic instruments. Hourly wages.

Freshman Football Coach assists with freshman football team. B.A., prior collegiate playing and ability to teach techniques and fundamentals. Hourly wages.

Bulletin Boards for Job Openings

Information on job openings can be obtained from postings on 13 campus bulletin boards. The list normally changes every Thursday.

Bulletin board locations are:

Franklin Building, outside the personnel office, room 130

Towne Building, mezzanine lobby

Veterinary School, first floor next to directory

Leidy Labs, first floor outside room 102

Anatomy-Chemistry Building, near room 358

Rittenhouse Labs, east staircase, second floor

LRSB, first floor opposite elevator

Johnson Pavilion, first floor next to directory

Logan Hall, first floor near room 117

Social Work, first floor

Richards Building, first floor near mailroom

Law School, room 28 basement

Dietrich Hall, first floor outside room E-108

Support Staff

Accounting Clerk (New Bolton Center) handles accounts, substitutes for secretaries. High school graduate with business background, good clerical and figure aptitude skills. \$6,875-\$8,850.

Administrative Assistant I (five positions) (a) types and edits scientific manuscripts, monitors grants (high school or business school graduate, office experience); (b) maintains files, budget and tuition payments and bills, plans menus, makes travel arrangements, (administrative background, preferably at Penn); (c)—*New York* performs secretarial duties, maintains bills and files (office and bookkeeping experience); (d) maintains bills and grant sheets, performs office duties (two years' college, four years' experience, typing skills, knowledge of Penn's bookkeeping system); (e) maintains budgets and reports, coordinates activities, compiles course evaluations (high school graduate, business or office experience). \$7,975-\$10,150.

Administrative Assistant II (New Bolton Center) maintains budget and employee time sheets, buys and leases equipment, schedules farm collections. Minimum two years' college, business and accounting experience, typing. \$8,625-\$10,950.

Air Conditioning and Refrigeration Mechanic maintains and repairs air conditioning and refrigeration systems. Five years' experience, educational background in air conditioning from a technical or trade school. Union wages.

Animal Laboratory Technician services routine animal care. High school graduate, some experience in animal care. \$7,575-\$9,600.

Billing Assistant maintains patients' ledgers, logs medical units, keeps roster and billing information. High school graduate, two years' bookkeeping experience, preferably in a medical setting. \$7,975-\$10,150.

Clerk II compiles and codes data, maintains files and reports, composes and types correspondence. High school graduate, some college or business courses, typing and clerical skills. \$6,375-\$8,100.

Clerk III (four positions) (a—two positions) assists in releasing patient records using computer based terminal, reviews charts and color codes, keeps files and records (CRT training); (b) answers inquiries, prepares transcripts, lists, record cards; assists with examinations (high school graduate, good typing and clerical skills, experience in academic environment); (c) maintains admissions records and statistics and prepares them for interviews (accurate typing, ability for detail work). \$6,875-\$8,750.

Clerk IV (three positions) (a) prepares study instruments, variable lists, operational variables, coding schema and forms for data processing; supervises data collection (high school graduate); (b) evaluates research data, computes and codes data entry (ability to evaluate information on police records, experience with survey research and interactive data entry procedures); (c) office duties (typing, adding machine). \$7,425-\$9,450.

***Coordinating Assistant I** prepares schedules, organizes group meetings, serves as liaison with recruiting coordinator. Two years' college or secretarial school, typing 50 w.p.m. \$8,625-\$10,950.

Custodian (six positions) performs cleaning and moving tasks, provides information to visitors. Experience with floor cleaning equipment or general housekeeping duties. \$4.34 per hour—union wages.

Data Control Clerk (three positions) (a) codes data entry, logs documents, files cancer reports, implements document control procedures, (high school graduate, two years' typing and clerical experience, knowledge of medical terminology); (b) controls I/P from user, sets up jobs for and checks output from computer (high school graduate, knowledge of keypunch, JCL and computer operations); (c) organizes data for reports, maintains data files (experience in computer programming, statistical data and research design). \$7,975-\$10,150.

Draftsman designs and draws schema, coordinates furniture selection, takes orders. High school graduate from a drafting and design program. \$10,900-\$13,800.

Duplicating Machine Operator II operates and maintains duplicating machines. High school graduate, experience. \$7,425-\$9,450.

Electron Microscope Technician I processes granulocytological and reproductive tissues, performs routine EM duties, makes procedures for specimens. B.S. in biology, one year as an EM technician trainee. \$7,575-\$9,600.

Electron Microscope Technician II embeds tissues for thin sectioning examination, develops EM negatives, prints, micrographs; dissects animals, prepares chemical solutions. B.S. in biology or chemistry, experience in EM laboratory. \$9,650-\$12,225.

Embalmer prepares autopsies and specimens for laboratories, maintains equipment in postmortem room. Experience in an abattoir or anatomy or pathology laboratory. \$9,650-\$12,225.

Herdsmen II (two positions) conducts and supervises service evaluations with dairy cattle, observes animals' health. High school graduate with courses in animal husbandry, experience in milking cows by hand or with automatic equipment. \$5,725-\$7,325.

Histology Technician II (New Bolton Center) performs routine histology, prepares tissues for automatic processing. Registration with ASCP. \$9,650-\$12,225.

Junior Accountant handles student deferments and loans; does counter work involving accounting. High school graduate, some college courses in accounting. \$8,625-\$10,950.

Mechanician I (New Bolton Center) assists in renovating equipment, operates storeroom and audio-visual systems during surgery, keeps records. High school or trade school graduate, experience in laboratories working near large animals and wood and metal techniques. \$8,325-\$10,675.

Post Office Station Supervisor manages and operates window, performs all postal services. Two years' post office experience. \$7,975-\$10,150.

Project Budget Assistant assists in routine budgetary matters, processes University forms, performs bookkeeping and secretarial duties. Excellent typing, bookkeeping skills and accounting skills. \$7,975-\$10,150.

Programmer I programs applications software; writes, maintains and documents programs for data acquisition, reduction, display and instrument control on mini/micro computers. Knowledge of DEC RT-11 Macro, Fortran, TTL devices. \$9,275-\$11,800.

Receptionist Medical/Dental types from notes, manuscripts and tapes, locates doctors by page. High school graduate, good typing, experience in medical office. \$6,875-\$8,750.

Research Bibliographer reviews books and articles, collects data and information, writes reports, assists in editorial work. B.A., knowledge of French, good typing and research skills. \$7,975-\$10,150.

Research Bibliographer I types, reviews topic and abstracts information, presents data in written and statistical form, prepares bibliographies, assists in editorial work. B.A. or two years' college in investigative work; good typing. \$7,975-\$10,150.

Research Bibliographer II (two positions) (a) edits and types manuscripts, takes dictation, manages foreign contracts for book translations, performs library research (B.A., course work or research in social sciences, good typing, editing); (b) serves as a research librarian, maintains subscription records and card catalog. (B.A. in library science, proficiency as research/reference librarian, typing skills, business oriented). \$8,625-\$10,950.

Research Laboratory Technician I isolates and characterizes bacterial mutants, maintains stocks, performs bacterial genetic techniques and enzyme analyses. B.A. or medical training. \$7,575-\$9,600.

Research Laboratory Technician I (two positions) (a) prepares tissue cultures of fibroblasts, column chromatography, radioisotopes and chemical assays; isolates cells (ability to separate blood cells, perform venipuncture and apply tissue culture techniques); (b) prepares routine clinical/microbiological cultures of humans and animals; identifies anti-microbial susceptibility of isolates (medical laboratory technician, two years' clinical training or B.S. with laboratory experience). \$6,775-\$8,675.

Research Laboratory Technician II (five positions) (a)—*New Bolton Center* grows cell cultures, performs serological and virological testing, keeps records and data (B.S. in biology, microbiology or virology; one years' experience); (b) maintains laboratory, assists in isolating cells, prepares solutions, supervises animal colony (college biology and/or chemistry); (c) performs colorimetric determinations, obtains autopsy specimens, prepares chemical solutions (high school graduate, two years' college, experience with Spectronic 20, Cahn & Mettler balances and IR spectrophotometer); (d) performs blood analyses for carbon monoxide, takes blood gas and pH measurements, performs column chromatography (B.S., experience in research setting and basic chemical skills); (e) operates electron microprobe for micro fluid samples; uses teletype and computer for data analyses (college biology or chemistry, basic mathematical skills, technical aptitude). \$8,575-\$10,850.

Research Laboratory Technician III (17 positions) (a) prepares radioimmunoassays of thyroid hormones; assists with liver and kidney perfusions (B.S. in biology or chemistry); (b) prepares isolated organ perfusion; makes cell preparation and tissue and fluid analyses (chemical technologist, experience in quantitative analysis, isolated cell preparations and sterile technique); (c) prepares *in vitro* and *in vivo* studies and gastric analyses; uses dynographs, recorders, transducers; draws blood for samples (B.A. in life sciences, one year's experience with patients); (d) prepares and uses tissue cultures, reagents and radioisotopes (B.S. in biology, sterile technique, tissue culture and hematology experience); (e) prepares liquid chromatography of proteins, electrophoresis and immuno-electrophoresis (B.S. in biochemistry or biology, laboratory experience); (f) produces radiopharmaceuticals labeled with short-lived isotopes (B.S. in chemistry, chemical engineering, physics, or biochemistry); (g) repairs electronic equipment, constructs electronic circuits; assists in animal surgery and gathering data; makes microelectrodes (experience with electronic devices); (h) grows and freezes primary cultures, trains technicians in tissue culture techniques (B.S., experience with cell culture); (i) prepares sterile media, enzyme assays, radioisotopes, enzyme purification (experience with tissue culture and general laboratory techniques, particularly sterile techniques); (j) conducts physiological and pharmacological research in equine species (B.A., experience handling respiratory, cardiovascular and blood gas equipment); (k) purifies enzymes from calf thymus tissues using centrifugation, ion-exchange column chromatography, semi-micro enzyme assays and polyacrylamide gel electrophoresis (B.A., knowledge of basic biology); (l) operates laboratory, orders supplies, performs analytical work (B.S. in chemistry or biology, experience in biochemical experimentation and analytical chemistry); (m) maintains laboratory, performs experiments, prepares reports (B.S. in biology, some chemistry; knowledge of electron microscopy); (n) prepares cell fractions, performs biochemical analyses (B.S. in chemistry, biochemistry or biology; knowledge of biochemical analyses and equipment); (o) makes chemotaxis studies with human

leukocytes; prepares tissue sectioning and staining and fractionation of supernatant materials; works with antigen-antibody complexes (B.A., laboratory experience; some clinical and laboratory training); (p) performs laboratory experiments with electronic equipment (B.S. in science); (q)—*New Bolton Center* works in hematology, clinical chemistry, urinalysis and parasitology; operates automated analytical equipment (medical technician degree, ASCP certification preferred). \$9,650-\$12,225.

Residence Hall Clerk (nine-month position, hours 4:30 p.m. to midnight) answers telephones, takes messages, maintains current listings of student and staff residents; keeps records of maintenance work; reports disturbances to security. Mature high school graduate. \$5,570-\$7,088.

Secretary I (three positions) \$6,375-\$8,100.

Secretary II (21 positions) \$6,875-\$8,750.

Secretary III (23 positions) \$7,425-\$9,450.

Secretary Medical/Technical (three positions) \$7,975-\$10,150.

Secretary/Technician, Word Processing takes dictation and transcribes material, uses word processing equipment. High school graduate, office experience. \$7,975-\$10,150.

Senior Admissions Assistant schedules meetings and travel, compiles and maintains statistical reports and records; assists in editing material. High school graduate, some college, good writing skills. \$8,625-\$10,950.

Senior Data Control Clerk assigns and reviews work of data control clerks; implements document control procedures; reviews and codes medical and demographic data into computer terminals. High school graduate, two years' clerical and typing experience. \$8,625-\$10,950.

Sergeant supervises campus police. Six months active police duty and Commonwealth-approved police academy training. \$11,550-\$14,775.

Technical Typist performs technical typing. Excellent typing skills. \$6,875-\$8,750.

Technician I, Psychology (must work two evenings a week—will receive compensatory time during day) schedules patient clinics in the psychopharmacology research and treatment unit; screens patients, administers psychological tests, prepares research material, keeps patient records, performs routine secretarial duties. College degree, some secretarial skills, some experience with patients or research subjects. \$9,650-\$12,225.

***Typist I** retrieves patients' folders, places patients in examining rooms; files, serves as receptionist. High school graduate, 50 w.p.m. typing, good basic grammar and spelling. \$5,900-\$10,850.

Word Processing, Secretary Technician operates Lexitron for scientific manuscripts, transcribes from dictating machine. Excellent typing, word processing and medical terminology. \$7,975-\$10,150.

Part-Time

Administrative Assistant I (temporary position) schedules and dispatches secretarial work, types technical data and mathematical material. 60 w.p.m. technical typing. Hourly wages.

Clerk-Typist types minutes of meetings and monthly newsletter in galley and final form. Hourly wages.

Desk Clerk (two positions) answers phone, makes reservations and sales, serves as receptionist. Hourly wages.

Part-Time Secretary types, files, takes dictation, orders office supplies. Excellent typing. Hourly wages.

***Part-Time Secretary (nine-month position)** coordinates programs, prepares meetings and conferences, answers inquiries, writes letters, maintains records. College graduate, writing and speaking knowledge of a foreign language. Hourly wages.

Part-Time Secretary/Typist transcribes pathology reports from dictaphone, prepares grant proposals and manuscripts for publication. Medical secretary familiar with medical terminology, IBM typewriter, dictaphone. Hourly wages.

Part-Time Typist types and answers phone. High school graduate, fast and accurate typing of reports, grants and rough drafts. Hourly wages.

Permanent Extra Person answers phone, handles funds and mailings. Typing, secretarial skills. Hourly wages.

Research Laboratory Technician II (five hours per week) does research in neurochemistry laboratory, routine chores. B.A. or M.A. in science. Hourly wages.

Secretary (three positions) (a) performs programming and data analyses on PDP 1103 computer (experience with Fortran and small computers); (b) (15-20 hours per week) types scientific reports, tables and charts, keeps records and files up to date, obtains research material from libraries, bills clients (high school graduate, good typing and math skills, ability to use calculator); (c) interviews and counsels students, types, performs general secretarial duties (ability to deal with students). Hourly wages.

Secretary Limited Services (two days per week for nine months) processes applications, renewal and billing forms, maintains membership lists. Typing, general office duties. Hourly wages.

Technical Typist (20 hours per week for 12 months) types correspondence and technical reports, prepares drafts from dictation. Excellent typing and secretarial skills, three years' secretarial experience, preferably at the University. Hourly wages.

Temporary Secretary performs secretarial and receptionist duties at the

front desk, has extensive telephone contact and secretarial work from staff members. High school graduate, some college or business training preferred, fast and accurate typing. Hourly wages.

Typist II types manuscripts, course work, exams, correspondence, uses Xerox and ditto machines. Ability to type at least 50 w.p.m. Hourly wages.

Campus Calendar

Send listings for *Campus Calendar* to *Almanac*, 515 Franklin Building/16. Deadline for inclusion is the Thursday before the Thursday of the issue in which the listing will appear. Announcements that are typed double-spaced are particularly welcome.

Thursday, September 6

11 a.m. **Ambassador George Bush** delivers an address on domestic policy in Irvine Auditorium.

Friday, September 7

6 p.m. **The Robert P. Levy Tennis Pavilion Second Annual Levy Open** sponsors women's singles and doubles matches today, tomorrow (9 a.m.) and Sunday (9 a.m.). Men's singles and doubles will be held on September 15 and 16.

8 p.m. The Marygold Theater Company performs **Jacques Brel is Alive and Well and Living in Paris** today and tomorrow at St. Mary's Parish Hall, 3916 Locust Walk; tickets are \$3 and are available at the Christian Association or at the door. For information call 386-3916.

8 and 10 p.m., midnight. **Deep Throat** plays in Irvine Auditorium. Admission is \$1.

Saturday, September 8

7:30 and 10 p.m. **Jaws** is featured in Irvine Auditorium. Admission is \$1.

Sunday, September 9

1-5 p.m. The University Museum features **The Search for Ancient Egypt** through September 23. (The Museum is closed on Mondays; hours for Tuesdays through Saturdays are 10 a.m. to 5 p.m.)

Monday, September 10

9 a.m. to 5 p.m. The Morris Arboretum displays **Marguerite Doernbach's** drawings and paintings of flowers and landscapes through September.

4 p.m. **The Department of History and Sociology of Science** colloquia begins with an Introductory Session with wine and cheese in Seminar Room 107, Smith Hall; coffee is served at 3:30. The following two sessions include "Pathology Before the Microscope" on September 17 and "Science and Social Order in the Thought of A.J. Balfour" on September 24.

The orthopaedic surgery department and the Sports Medicine Center offer a **Symposium on Athletic Injuries to the Head, Neck and Face** today, tomorrow and Wednesday. For information call Nancy Wink, Ext. 8006.

11 a.m. to 7 p.m. A **Graphic Arts Sale** takes place in the Bowl Room in Houston Hall.

Tuesday, September 11

4-7 p.m. Registration for **Recreation Classes** takes place in Gimbel Gymnasium; instructional fees are \$10 for students and \$15 for faculty, staff, alumni and their dependents.

9 a.m. to 6 p.m. The Penn Union Council sponsors a **Crafts Fair** on Locust Walk today, tomorrow and Thursday.

Thursday, September 13

12 noon. Student musicians play classical **Music At Noon** every Thursday in Houston Hall's Bowl Room.

7:30 and 10 p.m. **House Calls** is shown in Irvine Auditorium; admission is \$1.

Friday, September 14

The new version of **Invasion of the Body Snatchers** is featured in Irvine Auditorium; admission is \$1.

Lectures/Symposiums

Thursday, September 6

11 a.m. **Ambassador George Bush** delivers an address on domestic policy in Irvine Auditorium.

Monday, September 10

4 p.m. **The History and Sociology of Science Department** colloquia begins with an Introductory Session in seminar room 107, Smith Hall; coffee is served at 3:30 p.m. The following two sessions take place on September 17 and September 24.

The orthopaedic surgery department and the Sports Medicine Center offer a **Symposium on Athletic Injuries to the Head, Neck and Face** today, tomorrow and Wednesday.

Films

Friday, September 7

8 and 10 p.m.; midnight. **Deep Throat** plays in Irvine Auditorium; admission \$1.

Saturday, September 8

7:30 and 10 p.m. **Jaws** is featured in Irvine Auditorium. Admission \$1.

Thursday, September 13

7:30 and 10 p.m. **House Calls** is shown in Irvine; admission \$1.

Friday, September 14

7:30 and 10 p.m. The new version of **Invasion of the Body Snatchers** can be seen in Irvine; admission \$1.

Mixed Bag

Friday, September 7

6 p.m. **The Robert P. Levy Tennis Pavilion Second Annual Levy Open** sponsors women's singles and doubles matches today, tomorrow (9 a.m.) and Sunday (9 a.m.).

8 p.m. The Marygold Theater Company performs **Jacques Brel is Alive and Well and Living in Paris** today and tomorrow at 3916 Locust Walk; tickets are \$3 at the door or at the Christian Association.

Sunday, September 9

1-5 p.m. The University Museum features **The Search for Ancient Egypt** through September 23.

Monday, September 10

9 a.m. to 5 p.m. The Morris Arboretum displays **Marguerite Doernbach's** drawings and paintings of flowers and landscapes through September.

11 a.m. to 7 p.m. A **Graphic Arts Sale** takes place in the Bowl Room in Houston Hall.

Tuesday, September 11

4-7 p.m. Registration for **Recreation Classes** takes place in Gimbel Gymnasium; instructional fees are \$10 students, \$15 faculty, staff, alumni, dependents.

9 a.m. to 6 p.m. The Penn Union Council sponsors a **Crafts Fair** on Locust Walk today, tomorrow and Thursday.

Thursday, September 13

12 noon. Student musicians play classical **Music At Noon** every Thursday in Houston Hall's Bowl Room.

Help Us Help You

If you have problems receiving *Almanac*, call Adele Wolfe, acting assistant editor, at the *Almanac* office, Ext. 5274, or write her at 515 Franklin Building/16.

ALMANAC: 513-515 Franklin Building (16) Ext. 5274

Acting Assistant Editor..... Adele Wolfe
