

Almanac

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Pins and Needles, the Roundabout Theater's fortieth anniversary production of the International Ladies Garment Workers Union musical revue of the 1930s, opens as part of the Annenberg Center's Off-Broadway's Best Series on February 14 for an engagement through February 18 in the Zellerbach Theater.

School of Nursing Receives \$1 Million Grant

The School of Nursing recently received a grant of \$1 million from the Mabel Pew Myrin Trust. Dean Claire M. Fagin, has announced. The gift will underwrite initial costs of the newly implemented Doctor of Nursing Science program, the establishment of a Center for Research in Nursing and office renovations in the Nurse's Education Building. A check for \$400,000 accompanied the notification of grant approval; the \$600,000 balance will be disbursed over the next two years.

"Nursing is an advancing profession," Fagin said. "Diploma schools are being phased out in favor of academic programs designed to incorporate the best of both traditions." The School of Nursing of the Hospital of the University of Pennsylvania (as opposed to the separate nursing school within the University) closed last spring after 92 years of operation. (See *Almanac*, April 11, 1978.) The new doctoral program is designed to teach methods of scholarly investigation and provide a broad-based, multidisciplinary frame of reference.

With the establishment of a Center for Research in Nursing, the School of Nursing will qualify for federal support. To meet federal aid requirements, nursing institutions must demonstrate a staff research capability, a defensible research program and suitable educational and clinical facilities.

The center will work with interdisciplinary centers, such as the Institute of Neurological Sciences, the Human Genetics Center, the Leonard Davis Institute of Health Economics and the Laboratory for Research on the Structure of Matter. It will collaborate with the School of Nursing's planned clinical demonstration units in developing alternative primary care methods.

Fagin said the nursing school hopes to strengthen student-faculty relationships through its consolidation of faculty and administrative offices. In 1977 the school moved into its new quarters in the Nurse's Education Building.

The Mabel Pew Myrin Trust grant is the largest grant received by the School of Nursing in the University's Program for the Eighties \$255 million campaign. The school's goal is \$2.5 million.

HERS, Mid-Atlantic Plans Conferences

HERS (Higher Education Resource Services), Mid-Atlantic will present six professional development conferences for women in higher education this spring, one of which, *Leadership and Management for Women Administrators*, will take place at the University Sunday, April 29 through Tuesday, May 1. The conference will address motivational patterns, performance, job design, human resources and personnel. Workshops will integrate management case studies with problem-solving exercises. According to Dr. Dorothy Jackson, associate director of HERS, two questions to be examined are what women new to supervision need to know about handling their roles and the decisions they must make, and what ideas will inspire them to reach beyond their present grasp.

Lectures and workshops will take place in Vance Hall. The conference fee is \$125. Registration deadline is April 9. For information, call Jerilyn Ransom, Ext. 5426.

News in Education

Leaders from Business, Academe Meet

Last month a select group of leaders from the corporate and academic worlds gathered in Williamsburg, Virginia to attend the first meeting of the American Council on Education's Business-Higher Education Forum. President Martin Meyerson, a founding member of the forum, was among those present.

The first of what the organizers hope will be a continuing series of meetings between representatives of business and higher education, the Williamsburg forum raised issues such as the declining growth rate of American productivity and ways in which business and academe can work together to help reverse the trend. No solutions were settled upon, but such was not the purpose of the gathering. "We want the bothersome issues raised, the troublesome questions aired. Once our perceptions of each other are clarified and understood, we can stand on common ground to take purposeful action," the invitation to the meeting read in part. If the January meeting was intended as a first step towards improving communication between the campus and the corporation, then evidently the meeting was a success; another such meeting is being planned for next fall.

Number of Faculty Openings to Decline Further

A new federal law raising the mandatory retirement age from 65 to 70 could diminish by two-thirds the already dwindling number of new faculty openings for the years 1983-1990, according to a report issued by the American Council on Education. For the years 1983-1988 there will be no junior faculty openings at all, worst case projections show.

President Jimmy Carter signed into law the Age Discrimination
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in Employment Act (ADEA) amendments of 1978 last April, but institutions of higher education will not feel the effects until 1982. The law extends the mandatory retirement age from 65 to 70, effective January 1, 1979; for tenured employees of colleges and universities the age 70 minimum for mandatory retirement does not apply until July 1, 1982. The moratorium was designed to allow colleges and universities time in which to prepare and plan for the change.

Because tenured faculty members will probably continue to teach until the higher retirement age, the total size of the professoriate will increase gradually until 1982, then decline for three to five years before stabilizing at the end of the decade. The older, continuing professors will cancel or postpone the need to hire younger replacements for at least several years.

For young Ph.D. recipients this means that the job market, already tight, will continue to grow tighter. Thomas M. Corwin and Paula R. Knepper, authors of the report, predict that no new openings will occur for six consecutive years and that recovery will begin only in 1989. Under retirement age at 65, only two years would pass with no job openings.

On the institutional level, an older professoriate means the temporary increase in total faculty size and thus an increase in faculty salaries and compensation costs by as much as four percent annually. After the faculty size levels off, the increase will stay at about two percent per year.

Affirmative action programs may feel other effects. With so few faculty positions opening, progress toward affirmative action goals may be impeded. A further possible effect of the changes in the retirement law have to do with "institutional vitality," according to the report. Two simultaneous trends will converge: the shrinking of the college-aged population and the stabilizing of an older faculty. "With the prohibition on mandatory retirement . . . not only might academic institutions be denied necessary infusions of 'fresh blood' but also an already strained employment situation could be further tightened," the report, *Finance and Employment Implications of Raising the Mandatory Retirement Age for Faculty*, states.

Books Briefly Noted

Theodore H. Bullock, Richard K. Orkand and Alan D. Grinnell: *Introduction to Nervous Systems*. 559 pages. W. H. Freeman and Company. \$18.

An introduction to neurobiology, this volume emphasizes the organization of nervous systems while focusing on the relationships and transformations between cells and groups of cells. Orkand is professor of physiology at the School of Dental Medicine.

Hennig Cohen and James Cahalan, Editors: *A Concordance to Melville's Moby-Dick*. Three volumes. 2,122 pages. University Microfilms International. \$126.75.

This, the first concordance of Melville's masterpiece, lists in alphabetical order the novel's every word along with its context and provides tables of word frequency. The concordance was produced to help support studies in computer applications to literary research and was funded by the American Council of Learned Societies and the University of Pennsylvania Research Fund. Cohen is professor of English at Penn.

Leslie Dutton, Jack S. Leigh and Antonio Scarpa, Editors: *Frontiers of Biological Energetics. Electrons to Tissues*. Volume I, 832 pages. Volume II, 800 pages. Academic Press. \$39.50 per volume.

This two-volume work presents the proceedings of an international symposium at the University of Pennsylvania School of Medicine in July, 1978. Volume I covers electrochemical interactions, electrons, protons, energy and new instrumental approaches to cellular biophysics. Volume II treats electrons and oxygen, structural-functional approaches to membrane energetics and non-destructive measurements of tissue function. Dutton, Leigh and Scarpa are associate professors in the Department of Biochemistry

and Biophysics and at the Johnson Research Foundation at the medical school.

George Ginsburgs and Alvin Z. Rubinstein, Editors: *Soviet Foreign Policy Toward Western Europe*. 295 pages. Praeger Publishers. \$20.

These 13 essays treat different aspects of Soviet policy toward France, West Germany, Britain and Scandinavia and evaluate the implications for U.S. policy. Rubinstein is professor of political science at Penn.

Martin Morad and Mahmood Tabatabai, Editors: *Biophysical Aspects of Cardiac Muscle*. 406 pages. Academic Press. \$19.50.

This collection of papers features symposium contributions made by numerous Penn faculty members. Morad is associate professor of physiology at Penn.

Thomas Naff and Roger Owen, Editors: *Studies in Eighteenth Century Islamic History*. 335 pages. Southern Illinois University Press. \$12.50.

The origins and nature of the process by which decentralized, religiously oriented medieval Islamic empires were transformed into the nations of today's Middle East are examined. Naff is director of Penn's Middle East Center and teaches modern Middle Eastern history.

Janet Rothenberg Pack: *Urban Models: Diffusion and Policy Application*. 408 pages. Regional Science Research Institute. \$9. Pack is associate professor in the School of Public and Urban Policy.

James B. Pritchard: *Recovering Sarepta, a Phoenician City*. 162 pages. Princeton University Press. \$16.50.

James B. Pritchard, who led the team of archaeologists working there, describes the discovery and excavation of the Phoenician city and port of Sarepta. The development of Phoenician civilization in its ancient homeland is traced through the remains of more than 2,000 years of settlement. Pritchard is professor emeritus of religious studies and curator emeritus of Syro-Palestinian archaeology at the University Museum.

Ruben E. Reina and Robert M. Hill, II: *The Traditional Pottery of Guatemala*. 323 pages. Texas Pan American Series. \$30.

The authors look at 25 major pottery-making centers in Guatemala and document both the specific techniques used in making the pottery and the role pottery plays in the economic and social life of the country. Reina is a professor, and Hill a graduate student, in the anthropology department at Penn.

Antonio Scarpa and Ernesto Carafoli, Editors: *Calcium Transport and Cell Function*. 655 pages. New York Academy of Sciences. \$68. This collection of 59 papers brings together research from disciplines as diverse as chemistry, endocrinology, pharmacology, physics, physiology and medicine. Scarpa is associate professor in the Department of Biochemistry and Biophysics and the Johnson Research Foundation at the medical school.

Barbara Herrnstein Smith: *On the Margins of Discourse: The Relation of Literature to Language*. 225 pages. University of Chicago Press. \$12.50.

The author explores problems involving verbal art and verbal behavior and presents a critique of various approaches to them in contemporary literary and linguistic theory. Smith is professor of English and communications.

Craig R. Thompson, Editor: *Erasmus: Literary and Educational Works*. Two volumes, 842 pages. University of Toronto Press. \$45. These annotated translations of four works are the first in a series devoted to the literary and educational writings of Erasmus and comprise volumes 23 and 24 of a projected 50-volume *Collected Works of Erasmus*. Thompson is Felix E. Schelling Professor of English.

The Bookstore and the Best Sellers: "The listings are based on computer-processed sales figures from 1,400 bookstores in every region of the United States." If that sentence sounds familiar, you probably follow the *New York Times Book Review* best sellers list. The University Bookstore is now one of the few college-based stores reporting weekly.

"The *Times* asks for the bookstore's input. They want us to write in new and recommended titles, titles that are not already on the list. They're fascinated by some of our academic sleepers, books that have regional or special interest here that might not necessarily sell elsewhere. These titles get stored in the *Times* data bank—which can be very important for Penn authors—or sometimes it gets the titles on the new and recommended list," says Erica Young, assistant director for books at the bookstore and the person who compiles the list weekly.

"What might be a bestseller for me could also be a big seller at Harvard or Stanford," she continued. "But for the most part college stores are interested only in texts, not in trade. We're one of the few college bookstores in the country interested in running a general bookstore, too. There is no bookstore between Philadelphia and Washington that has the kind of list we do—65,000 titles."

Most of the books listed in *Books Briefly Noted* are in stock or on order at the University Bookstore.

For the Record: In the *Books Briefly Noted* column of January 23, 1979, the last sentence of the notice concerning *The Papers of William Penn* should have read, "The editors hope to publish the edition in time to commemorate the tercentenary of Penn's founding of the *City of Philadelphia* in 1682," not, as we printed, the University of Pennsylvania.

Bulletins

Talk to the Bookstore

The University Bookstore staff will field questions about how the bookstore operates and listen to comments and suggestions from noon to 5 p.m., Friday, February 16 in the 1920 Dining Commons.

Strauss to Discuss University Budget

Jon C. Strauss, vice-president for budget and finance, will review *The State of the University Budget* at a meeting of the A-3 Assembly, Tuesday, February 20, from noon to 1 p.m. in Houston Hall Auditorium. For information call Inga M. Larson, A-3 coordinating committee, Ext. 4840.

Rotary Club Offers Fellowships

The Rotary Club International offers undergraduate and graduate students a year of study in any foreign country where the Rotary Club is located. Applications may be obtained from local Rotary Clubs. Students are invited to a briefing February 19, 4 to 5 p.m., in the West Lounge, Room 419, Williams Hall. The deadline for 1980-81 applications is March 1. For information call Mrs. Jitka Kaufman, International Programs Office, Ext. 4661.

Language Study Conference Set for February 17

Provost Vartan Gregorian invites the University faculty to attend a one-day conference on language and international studies, February 17, beginning at 9:30 a.m. on the second floor of the McNeil Building. For information call Ext. 4661.

Openings

The following listings are condensed from the personnel office's bulletin of February 8, 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 III (1-16-79).

Application Programmer Analyst I (12-12-78).

*Assistant to Chairman I supervises and trains departmental staff,

administers budget, schedules classes and assigns classrooms. Five years' University experience, familiarity with University procedures, typing, shorthand and some accounting experience. \$9,275-\$13,000.

Assistant Program Director (11-14-78).

Benefits Counselor (11-14-78).

Curriculum Coordinator (11-21-78).

Director of Admissions (School) (1-16-79).

Director, Computer Center (12-12-78).

Director of Recreation and Intercollegiate Athletics (11-14-78).

Engineer, Pressure Chamber Operator (9-19-78).

Group Practice Administrator participates in department's fiscal planning, handles research grant funds, orders and purchases equipment and supplies. M.B.A. or equivalent, experience in management and administration of clinical group practice affairs. \$16,625-\$23,725.

Junior Research Specialist (three positions) (a) (10-31-78); (b) (1-30-79); (c) (2-6-79).

Management Research Analyst (1-16-79).

Nurse Practitioner I (12-19-78).

Programmer Analyst I (12-5-78).

Programmer Analyst II (1-16-79).

Research Administrator (1-16-79).

Research Dietician (12-12-78).

Research Investigator (1-23-79).

Research Nutritionist (2-6-79).

Research Specialist I (11-7-78).

Research Specialist II (two positions) (a) (1-16-79); (b) (1-30-79).

Senior Administrative Fellow (12-21-78).

Senior Systems Analyst (9-19-78).

Systems Analyst develops computer planning models and provides data and data analysis from the University's research and machine readable data files. BSE degree in CSE, knowledge of APL, COBOL, FORTRAN, PLI. \$13,250-\$18,575.

Staff Auditor I (1-30-79).

Staff Writer II (two positions—1-30-79).

Support Staff

Administrative Assistant I (three positions) (a) (12-12-78); (b) (1-16-79); (c) develops and implements budgets, maintains records, schedules classrooms, supervises work assignments, types reports (two years' college or business school, four years' experience). \$7,150-\$9,150.

Assistant Supervisor (12-12-78).

Billing Assistant (1-16-79).

Cashier (9-12-78).

Clerk III (two positions) (a) (2-6-79); (b) registers and schedules patients, handles billing, light typing, answers telephones (high school graduate, typing, ability to operate cash register). \$6,225-\$7,975.

Communications Analyst (1-16-79).

Delivery Clerk (2-6-79).

Editorial Assistant (2-6-79).

Electrician (10-24-78).

Library Clerk prepares and types book purchase orders and other requests, maintains files, checks incoming books and invoices, sorts mail, does some shelving. High school graduate, typing. Union wages.

Mail Clerk (2-6-79).

Programmer I (10-3-78).

Receptionist (two positions) greets and directs visitors, answers questions, takes and relays messages, performs clerical duties. High school graduate. \$5,400-\$6,925.

Research Laboratory Technician II (four positions) (a) (12-19-78); (b) (two positions—1-23-79); (c) performs routine laboratory analyses, helps in routine dissection of muscles, observes and sends test results (high school graduate and completion of an approved one-year course in laboratory techniques, three years' experience or two years' college and one year of experience in medical research laboratory work). \$7,650-\$9,800.

Research Laboratory Technician III (five positions) (a) (two positions—1-16-79); (b) (1-23-79); (c) (2-6-79); (d) assists in performing advanced biochemical experiments with intact cells and subcellular preparations, prepares and analyzes experimental materials, maintains cell cultures (two years' experience with college degree or 4-5 years' experience in research laboratory, experience in tissue culture, enzymatic analysis or chromatography). \$8,625-\$11,050.

Secretary I (two positions). \$5,800-\$7,400.

Secretary II (eight positions). \$6,225-\$7,975.

Secretary III (eight positions). \$6,700-\$8,575.

Secretary Medical/Technical (seven positions). \$7,150-\$9,150.

Sergeant (11-7-78).

Student Records Assistant (two positions) (a) (12-19-78); (b) (2-6-79).

