**Search Committee Announced**

The names of the four faculty members who will serve on the 12-member presidential search committee were expected to be announced today by Trustees Chairperson Paul Miller.

Professor Walter Wales, chairperson of the Faculty Senate, said earlier this week that the names of the faculty nominees would be presented to Miller this morning.

As of Tuesday night, three faculty members had been tapped for the position and had agreed to serve. A fourth had not yet been selected. Wales did not disclose the names of any of the individuals.

He did say, however, that the choosing of the faculty contingent to the search body, a job undertaken by the Senate Advisory Committee, had not been a painless process. After SAC had been unable to agree on the procedure for the selection of candidates, letters were sent to all members of the Faculty Senate asking for suggestions on procedure and names of possible candidates. About 100 persons responded, Wales said.

Still, SAC encountered "some snags" in applying the procedure it had settled on, Wales said. They were largely disposed of during a Tuesday morning session, however, at which time SAC members partially ranked ordered a list of 12 prospective nominees to the search committee.

According to Wales, SAC, after much deliberation, finally decided that at least two of the faculty representatives on the committee had to have been elected at some time to serve as chairperson of the Senate, a scheme that would allow for the chairperson-elect to

(continued on page 3)

**AAUP Discusses Faculty Status**

The strength of any university lies in its faculty. And across the nation, that faculty is in trouble: its economic status is declining, its tenure system is under attack, and its prestige is faltering.

These are among the conclusions reached by three University faculty members and President Martin Meyerson at last Thursday's meeting of the University chapter of the American Association of University Professors.

"The American university is in about as sad a situation as we've seen it since World War II," Meyerson said. To illustrate this decline, Meyerson noted that "in the past, when you found the best students in arts and sciences in major American universities, you would assume they would be going on to an academic career." That's no longer the case, however. Today, the best students are foresaking academia for the larger job market and higher salaries of the business world.

Why aren't the best and the brightest going on to academic careers today? What is the nature of the decline among the American professoriate?

Speaking for the faculty, Professors Robert Lucid, Walter Wales and Peter Conn addressed these issues. They outlined three areas in which the professoriate is losing ground: the decline in economic status and in faculty decision-making power, and attacks on the tenure system.

Lucid noted that "you don't have to know anything about economics to know about faculty salaries. There's no doubt about the fact that our economic status has declined." While salaries at the University are comparable to those at the Ivy League schools and other top educational institutions, they have not kept pace with inflation or with the salaries of other professionals.

He believes that if the decline is not halted, "the American professor will be changing. We're moving from the serious to the melodramatic in this situation," Lucid said. "It is one of real concern."

Not only doesn't academia pay as well as the business world, but opportunities for advancement may not be as numerous. Of late, the tenure system has been attacked as antiquated, as stifling the academic job
Among them was Dr. Robert D. Friedman, who was recently appointed acting associate director of the Clinical Research Center at the School of Dental Medicine. Friedman will continue to hold a faculty position with the department of oral medicine and pursue his own research programs.

Friedman earned his bachelor's degree in chemistry at Brooklyn College, his dental degree from New York University, a master's degree in biochemistry from Brandeis University and a Ph.D. in human genetics from Indiana University. He also continues to practice family dentistry in his private office.

Friedman has special interest with funding from the National Institute of Dental Research to study the genetics, epidemiology, biochemical structure and functional interrelationships of heritable salivary proteins in health and disease. Penn's clinical research center is helping to coordinate research activities among various clinical and basic scientists studying oral disease, and will also be engaged in helping to develop a collaborative systems approach to the study of diseases with oral and systematic manifestations, Friedman said.

Roland M. Frye, Schilling Professor of English, will be presented the Milton Society's James Holly Hanford Award for his recent book Milton's Imagery and Visual Arts at the annual meeting of the Society in December. Frye spent the fall semester as a member at the Institute for Advanced Study in Princeton, N.J.

Claire M. Fagin, Ph.D., R.N., dean of the School of Nursing, has been elected to the Institute of Medicine of the National Academy of Sciences. Dr. Fagin is one of six University faculty elected to the Institute.

Other members include Renee Fox, Ph.D., and Henry Riecken, Ph.D., both of the School of Medicine. The Institute was created in 1970 to examine vital public health issues.

Stuart M. Dolgin, M.D., fellow in gastroenterology, received the 1979 Annual Fellow Award of the American Liver Foundation for his work in analyzing radiographic studies of gallstone composition. This work will help refine the criteria for the selection of patients for treatment with phenobarbital, a substance which will dissolve cholesterol stones.

W. Bruce Allen, associate professor of public management and member of the coordinating committee of the Wharton Transportation Program, presented a paper, "Examination of the Unrelated Trucking Experience in New Jersey," to the Interstate Commerce Commission's Federal-State Workshop on Motor Carrier Regulation in Russon, Va., October 23.

John F. Lubin, associate dean and chairman of the department of management, was appointed Director of Wharton International Activities. Lubin will now represent the dean and the Wharton School in activities which involve relationships and possible associations with institutions outside the U.S.

Alfred R. Golzé received the D. Robert Yarnall Award November 2 at the 1979 meeting of the University of Pennsylvania Engineering Alumni Society. Glosé, a prominent civil engineer who supervised the design and construction of the highest embankment dam and highest pump lift in North America, is a 1939 graduate of the University's Towne Scientific School, civil engineering department. The Yarnall Award was established in 1968.

Steven P. Gigliotti, medical artist from the medical biocommunications department at the School of Medicine was awarded first prize for his drawing "Chaetodontidae," in the continuous tone, scientific division at the annual meeting of the Guild of Natural Scientists in Pittsburgh, Pa., last summer. The same illustration also won first prize in the continuous tone, wildlife division at the meeting and exhibition of the Association of Medical Illustrators, the Biological Photographers Association and the Health Sciences Communications Association in Kansas City, Mo., in August.

Dr. William Fitts, Jr., professor of surgery, received the Union University Alumni Association's Distinguished Service Award November 17 on the Union University campus in Jackson, Tennessee.

Dr. John Murphy, professor and director of the division of urology participated in urology seminars in Dhota, Qatar, November 14-16 at the invitation of the Qatar Ministry of Health. Murphy also visited the National Cancer Institute at Cairo University November 16-20 at the invitation of Dr. Salah Shahbender, dean of the institute.

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A market by limiting job openings, and as hindering the advancement of younger faculty members.

As a result of various attacks on the system, Wales noted, at some universities, tenure has been replaced with term contracts, has been bargained away altogether, or has been circumvented by extensive use of part-time faculty, or by establishment of a permanently revolving faculty with no possibility of ever earning tenure.

Wales noted that none of these things are being done at present at the University; he concluded that the system here was basically a good one.

He suggested, however, that there are a couple of alterations in the system—the adoption of the clinician/educator track and research professorships both of which are non-tenured—that may pose future problems. Generally, Wales said he did not see many threats to the tenure system at the University, adding that the president has been a more consistent supporter of the system than—throughout the academic year, monthly during July and August.

Editor CABELE NEUHUS
Assistant Editor: C. Anne Vitullo
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AAUP Meeting on Faculty Status (continued from page 1)
The School of Medicine's neurology department received one of six $1.25 million grants for a three-year period from the National Institute of Neurologic and Communicative Diseases and Stroke of the National Institutes of Health. The grant will be used to establish a positron emission transaxial tomography (PETT) center within the school's Cerebrovascular Research Center by February 1980.

Dr. Martin Reivich, professor of neurology at the school and a neurologist at the Hospital of the University of Pennsylvania, will be principal investigator for the study, which will be a collaborative effort conducted at the hospital. Reivich has been director of the Cerebrovascular Research Center, one of 15 such centers in the U.S., since 1974.

Among other co-principal investigators will be Dr. Abass Alavi, associate professor of radiology at the school and chief of the section of nuclear medicine at the school's department of radiology, and Alfred Wolf, of the Brookhaven National Laboratories on Long Island, New York. Wolf has been instrumental in synthesizing radioactive biological compounds used in the research.

According to Reivich, the "ability to make [these radioactive] tracers" is PETT's "only limitation."

PETT is a technique which is used to take three-dimensional "pictures" of the body. It is similar to computerized axial tomography (CAT) scanning; however, CAT scanning is a transmission technique which uses x-rays to construct the picture. With PETT, a patient is injected with or inhales a biochemical such as ammonia or oxygen that has been tagged with a short-lived radioisotope. The radioactive tag emits positrons—charged particles detectable by a computerized imaging device. A scanning detector then follows the tagged compound's progress through brain tissue. Chemical activity is displayed on a television screen as a grid of color patterns, much like a patchwork quilt.

Depending upon the isotope used, various information can also be obtained using PETT that is not available with a CAT scan, such as blood flow through an organ, or the amount of glucose metabolized by an organ.

The isotopes used in PETT are isotopes of naturally-occurring elements, nitrogen, oxygen and carbon. To assure availability of these isotopes, the investigators will use an accelerator under the direction of Professor Roy Middleton, physics. Since the half-life of many of these isotopes are measured in minutes, they will have to be pumped via tubing from the physics lab two blocks away.

Future plans call for the addition of a cyclotron facility at the hospital. This will enable researchers to study patients both night and day.

At first, this new PETT capability will be used to study the human brain's blood flow and the utilization of oxygen and glucose by cerebral structures. These metabolic studies or "normal studies" will be used to measure increased brain activity to determine which brain centers are involved in processing different types of information. For example, in response to a visual stimulus, certain regions of the brain increase utilization of glucose. The information can be used to determine which parts of the brain are involved with processing information related to vision.

Clinically, the information obtained with this technique potentially will be of importance in contributing to the knowledge of abnormalities present in various disorders, such as strokes, seizures, head injuries and certain mental disorders.

Yet according to Reivich, PETT's greatest benefit in the future will be its use as a means of evaluating the effectiveness of therapy and the development of new types of therapy based on that information. For example, PETT can potentially be used to determine the extent of brain damage a patient receives during a stroke and, after medication has been administered, to see how helpful the treatment has been to the patient.

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Pick it up!

The University Council Committee on Facilities has gone graphic. Its newly launched anti-litter campaign is being promoted by a series of posters, such as this one, which soon will be seen at key locations around the campus. The point is simple: Don't put your empty Dr Pepper cans and M&M bags anywhere but in one of Penn's trash receptacles. As the poster notes, littering "costs all of us money."
WORTH NOTING

- The A-3 Coordinating Committee invites all A-3 employees to its Holidays’ Party, Wednesday December 12, from noon to 2 p.m. in the Bowl Room, first floor, Houston Hall. Coffee, tea, dessert and entertainment will be provided, but party-goers are asked to bring their lunches. Anyone who wishes to donate cakes, cookies, brownies or other desserts should call Margaret Sabre (Ext. 5285), Inge Larson (Ext. 4560), or Phyllis Friedman (Ext. 7894).

- The W.W. Smith Trust Fund currently provides funds for term time and summer job experience for qualified handicapped students currently not participating in the federally-funded College Work-Study Program. If you know of a handicapped student (undergraduate or graduate) who might want such employment experience, have him or her contact Sally H. Johnson, associate administrator of the Office of Equal Opportunity, 5357 Locust Walk, Ext. 6993 for further information and an application.

ON CAMPUS

Items for On Campus should reach the Almanac office by noon the Thursday preceding desired publication.

December 6-12

Wednesday

Blood Drive: The University Hospital sponsors a blood drive, 11 a.m.-5 p.m., Phi Kappa Sigma fraternity.

Coffee Hours: The Modern Language College House hosts coffee and conversation hours for students of Italian and German at 4 p.m., Class of ’75 House.

Lecture/Demonstration: International House presents an evening of music, poetry and stories by poets and musicians from the Slavic nations, 6 p.m., International House. Admission is $1.50 for House members, $2 for public.

Lectures: The microbiology department features Dr. Donny Lo on Using Genetics to Do Protein Chemistry: The Lec Repressor, 11:30 a.m. in Room 163-64 Mezzanine, Medical School.

Theology Department features Professor Bruno G. Gielen of Brown University on Is the Ion Microprobe the Answer to a Geologist’s Prayer? What Has It Done For You Lateley?, 4 p.m., Hayden Hall 104.

The Graduate History Group in Ancient History features Professor William V. Harris on The Slave Supply and Slave Trade of the Roman Empire, 4:30 p.m. in the west lounge, fourth floor, Williams Hall.

The G.S.F.A. sponsors Christopher Caiaira, sculptor and professor of art at Haverford College on Agossini and David Smith, 7:30 p.m., Fine Arts room B-3. Ernest Scheidtner’s film Giacometti will also be shown. Admission: free.

The Center for the Study of Aging presents Dr. Robert Johnson on History of Reproduction of Age-Related Changes in the Nervous System at 4 p.m. in Room 113, Nursing Education Building.

The Department of Biophysics features Professor Iain Dunn of the University of Edinburgh on Using Radioactive Tracers to Study Protein Metabolism, 4:30 p.m., Alum House. Admission: $2 for adults, $1 for children.

The School of Public and Urban Policy features Martha Derthick of the Brookings Institute on The Politics of Deregulation at 2 p.m., School of Public Policy.

The South Asia Program presents an interdisciplinary seminar on Indian Hausa Women’s Experience in the Modern World with Deborah Kleinberg-Salter of UCLA at 11 a.m. to 12:30 p.m. at the University Museum, classroom II. Call Ext. 7475 for more information.

Theater: A Kurt Weill Cabaret continues through Sunday at the Annenberg School Theater. Call Ext. 6792 for information.

Former Penn student Bob Koby’s All’s Well That Ends is presented in the Harold Prince Theater, Annenberg Center at 8 p.m. Admission: $2.

7 Friday

Coffee Hours: The Modern Language College House hosts coffee and conversation hours for students of French, Spanish, and Russian at 4 p.m., Class of ’75 House.

Concert: The University’s Choral Society performs works by Haydn, Brahms, and Purcell at 3:30 p.m. in the Tabernacle Church, 3700 Chestnut Street.

Lecture: The English department presents Professor G.K. Hunter of Yale University on Hearing Shakespeare’s Poetry at 3 p.m. in Room B-13, Chemistry Building.

Lecture: The International Cinema Series offers Bockmayer and Buhmann’s Jane is Jane Forever at 4:30 p.m. and 10 p.m. and Rohmer’s Perceval at 7:30 p.m. in the International House. Admission is $1.50 and $1 for matinees.

The Penn Union Council offers Foul Play at 8 and 10 p.m., and 10 p.m. with reserved seating available. Admission: $1.

Sports: Penn plays on Swarthmore in women’s squash at 2 p.m.; Penn competes in the First Union Invitational for men’s tennis at Charlotte, North Carolina through Saturday; the Penn Street Hockey club holds a session at 4 p.m. in the Class of ’23 ice rink.

Theater: Former Penn student Bob Koby’s All’s Well That Ends is presented in the Harold Prince Theater, Annenberg Center at 8 p.m. Admission: $2. The Ballet de Jeanes performs in the Zellerbach Theater at 8 p.m. Call 473-2253 for information.

8 Saturday

Movies: The department of history and of sociology features Professor John Parascandola of the University of Wisconsin on John J. Abel and the Development of American Pharmacology at 4 p.m., Smith Hall 107.

The department of chemical and biochemical engineering sponsors Greg Powers on Characterization of Macromolecular Films Absorbed in Track-Etched Membranes at 3:30 p.m. in Alumni Hall, Towne Building.

The department of geology features Dr. Daniel Murray of the University of Miami on Isomorphism in the Hudson Highlands at 4 p.m. in Room 104, Hayden Hall.

Sports: Penn competes against Widener in women’s swimming at 7 p.m. at Widener.

11 Tuesday

Alumni Events: The General Alumni Society and the weightman Society sponsor a pre-basketball game cocktail party and dinner at the Faculty Club. Call Ext. 7811 for more information.

Lecture: The psychology department presents Dr. Byron Campbell of Princeton University at 4:45 p.m. in Room B-21, Sittell Hall.

Meeting: Faculty Club meeting featuring the College Music A Program of Renaissance Music (Mary Ann Ballard, director) at 1:30 p.m., the Faculty Club.

Seminar: Dr. Una S. Ryan of the University of Miami leads this week’s Respiratory Physiology Seminar on Pulmonary endothelial Cells at 12:30 p.m. in the Physiology Library, Richards Building.

Sports: Penn plays on Duke in men’s basketball, 9 p.m., at the Palestra.

12 Wednesday

Lecture: The Language in Education Program sponsors Professor Anne E. Berthoff of the University of Massachusetts on The Philosophy of Rhetoric at 2:30 p.m. in Room A-18, Education Building.

The Physics department is Goodspeed-Richards Memorial Lecture features Professor Robert Wilson of Columbia University on World Accelerators, Rittenhouse Library, at 10 a.m. A reception is held at 9 a.m. ($1 contribution is suggested).

Sports: Penn plays Villanova in women’s basketball at 7 p.m., at the Palestra.

Martha Schlamme and Alvin Epstein in A Kurt Weill Cabaret

- Direct from Broadway, Martha Schlamme and Alvin Epstein present their lively and elegant musical potpourri A Kurt Weill Cabaret at the Annenberg Center. The celebrated composer’s songs, many done in collaboration with Bertold Brecht, will be performed in the Annenberg School Theater through December 9, nightly at 8 p.m.

Change of Address

The Benjamin Franklin Scholars/General Honors Program has moved to Room 122, Logan Hall/CN. The phone extensions are 7451 and 6066.
FOR THE RECORD

Provost Sets Rules For Final Exams

1. No student may be required to take more than two final examinations on any one day during the period in which final examinations are scheduled.

2. No instructor may hold a final examination except during the period in which final examinations are scheduled and, when necessary, during the period of postponed examinations. No final examinations may be scheduled during the last week of classes or on reading days.

3. Postponed examinations may be held only during the official periods: the first week of the spring and fall semesters. Students must obtain permission from their dean’s office to take a postponed exam. Instructors in all courses must be ready to offer a make-up examination to all students excused from the final examination.

4. No instructor may change the time or date of a final exam without permission from the appropriate dean or the vice-provost.

5. No instructor may increase the time allowed for a final exam beyond the scheduled two hours without permission from the appropriate dean or the vice-provost.

6. No classes covering new material may be held during the reading period. Review sessions may be held.

7. All students must be allowed to see their final examinations. Access to graded finals should be ensured for a period of one semester after the exam has been given.

We encourage professors to be as flexible as possible in accommodating students with conflicting exam schedules.

Guidelines for Use of Facilities at La Napoule

From time to time questions are raised concerning the possibility of visiting the Chateau and other facilities at La Napoule, France. The installation at La Napoule is a French National Monument which is owned by the La Napoule Art Foundation, a non-profit educational corporation chartered in New York. Although the University of Pennsylvania names a significant majority of the Board of Trustees, it must nevertheless abide by the conditions of the charter and laws and regulations applying to French National Monuments.

Under the charter the Foundation is to exhibit the works of Henry Clews and to encourage Franco-American cultural exchanges. Neither the charter nor the laws of France and the ordinances of Mandelieu-La Napoule permit the Chateau to be used as a hotel or restaurant. It is possible to use the facilities for courses and conferences and in connection with them to provide housing facilities and to make arrangements for catered meals.

If a faculty member from the University wishes to visit La Napoule for the purpose of planning a conference it is essential that he or she communicate with Donald Murray in the International Programs Office who will notify the concierge/intendant at the Chateau of the planning visit. The concierge will not admit anyone to the grounds unless he has received notice from Dr. Murray’s office. If a faculty member wishes to stay overnight in connection with such a visit the charge is $25 per night per person including a continental breakfast. No other meals can be provided. Overnight stops in the colder months are not recommended since the Chateau is heated only to about 55 degrees.

For the individual who simply wishes to have a look at the Chateau it is possible to take a guided tour with a French speaking guide. From September through June with the exception of December tours are conducted Monday to Friday in the afternoon and daily in July and August. Tours are not usually available when conferences are in session. The charge for the tour is currently seven francs.

—Donald S. Murray
Acting Coordinator of International Programs and Vice President, La Napoule Art Foundation

HUP Receives Grant from HEW

The Nutrition Support Service of HUP has received a grant of $160,000 for each of the next three years from the Health Resources Administration of the Department of Health, Education, and Welfare. The grant will help develop curriculum for an interdisciplinary nutrition education program.

Dr. John Rombeau, assistant professor of surgery at the School of Medicine and a member of the surgical staff at the hospital, will direct the program. Rombeau has served as chairman of the education committee for the American Society of Parenteral and Enteral Nutrition, a national organization dedicated to the clinical application of nutrition and support procedures.

Dr. James L. Mullen, director of the Nutrition Support Service, and Lon Crosby, executive director, will also be instrumental in this program.

The interdisciplinary nutritional education program will provide a focal point for nutrition education activities in the health professions. It will involve students in medicine, nursing, dentistry, pharmacy, dietetics, and social work from various hospitals and schools in the Philadelphia area.

WEOP Elects New Officers

Women for Equal Opportunity at the University of Pennsylvania (WEOP) installed a new slate of officers at its November 30 luncheon meeting in the Faculty Club. New officers include: Jeanne Jensen, president; Ruth Wells, A-1 vice president; Rosalyn Eisenberg, A-2 vice president; Rachel Glaton, A-3 vice president; Gretchen Ray, student vice president; Debbie Levinson, secretary and Carol Tracy, treasurer.

A committee to deal with all types of grievances was also nominated; Carol Tracy will serve as chairperson. Others nominated of the Grievance Committee include: Helen Davies, Jocelyn Somers, Sylvia Butcher and Linda Potemken.

Space Committee to Review Requests

The University Space Committee is responsible for allocating space to programs whose needs cannot be met by a department’s or responsibility center’s existing facilities. Program space needs in an individual school should be submitted first to the school’s space committee. If space is not available in the school’s facilities, then it is appropriate for the program to present its proposal to the Space Committee.

The Space Committee is beginning its review of space requests and asks that programs which are in need of space by September 1980 or earlier and have not yet submitted a request do so prior to January 1, 1980. The requests should be submitted in writing to Dr. Louis Girifalco, chairman, University Space Committee, 106 College Hall/CO. The letter should describe the amount and type of space needed, the purpose for which it will be used, source of funding for any renovation, if required, and latest acceptable move-in date.

—Louis Girifalco
Chairperson, Space Committee

CORRECTION

In last week’s list of individuals who have been nominated to the Senate’s 1980-81 nominating committee, Janice Madden was identified in ALMANAC as a member of the regional planning faculty. She should have been identified as a member of the regional science faculty.

Two telephone numbers published in the Safety Resources Guide, a supplement to last week’s ALMANAC, were incorrect. The correct numbers are: Suicide and Crisis Intervention (HUP)—MU 6-4420; HUP Emergency Room—662-3920.
Assistant to the Associate Provost (2573) helps plan the department is considering promoting from within.

Employer. Where qualifications include formal education, five years' experience in purchasing and related salary administration administration work (M.B.A. or Ph.D. degree with five years' private practice experience; knowledge of University systems) Salary to be determined.

Comptroller (2403) maintains accounting systems and financial reports, monitors receipts and disbursements (advanced knowledge of financial aspects, acquisition, editorial procedures; supervises work in technical services and production system (prefer master's degree in related discipline; five years' experience; demonstrated knowledge of systems and ability to communicate and manage) Salary to be determined.

Director, Residence Unit (2630) is responsible for all aspects of staff training, evaluation of resident advisors and graduate assistants; creates and maintains a resource of materials and contracts in the area of programing and counseling (M.S. in health sciences; registered dental hygienist; five years' experience in supervision of clinical facility) Salary $14,850-$20,550.

Assistant Administrator, Annual Giving (2667) encourages large gift totals, cultivates and solicits major gift prospects, coordinates design and writing of solicitation material (3 years direct fund raising experience, graduation from recognized college or university, preferably Pennsylvania) Salary $10,375-$14,375.

Assistant Director, Annual Giving (2667) plans and administers programs for graduate and professional schools; presents programs to alumni groups (college degree, three years' fund-raising experience, five years' experience in project management, electrical engineering, knowledge of Fortran, PL/I, or Mark IV helpful) Salary to be determined.

Assistant to the Chairman (2688) schedules appointment meetings and meetings; types letters, reports, manuscripts; acts as assistant to major gift seekers (M.S. in library science from ALA accredited school Mark IV helpful) Salary to be determined.

Assistant to the Director, Annual Giving (2667) encourages large gift totals, cultivates and solicits major gift prospects, coordinates design and writing of solicitation material (3 years direct fund raising experience, graduation from recognized college or university, preferably Pennsylvania) Salary $10,375-$14,375.

Assistant Director, Annual Giving (2667) plans and administers programs for graduate and professional schools; presents programs to alumni groups (college degree, three years' fund-raising experience, five years' experience in project management, electrical engineering, knowledge of Fortran, PL/I, or Mark IV helpful) Salary to be determined.

Assistant to the Director (2707) is responsible for maintenance and administration of all Affirmative Action and Equal Employment Programs of University; advises University community on content and administration of the program (extensive experience and knowledge of affirmative action and equal opportunity regulations; administrative experience in and knowledge of financial aspects, acquisition, editorial procedures; supervises work in technical services and production system (prefer master's degree in related discipline; five years' experience; demonstrated knowledge of systems and ability to communicate and manage) Salary to be determined.

Executive Assistant to the President (2708) is responsible for the daily operation of the Office of the President, including staff supervision, meetings, correspondence, preparation of events, budget administration and liaison to other offices (superb ability in oral and written expression; organizational ability; productivity; tact and discretion; administrative experience, including five years' experience in student personnel administration or equivalent; familiarity with the University) Salary $24,650-$34,750.

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Fiscal Coordinator (2415) handles systems planning, researches and designs approaches to data generated within the organization (B.A. in business administration, experience with budgets, accounting, auditing, data processing) Salary $14,850-$21,750.

Foreman, Repair and Utility (2689) supervises, schedules and assigns work; orders materials and services, maintains records; inspects employees' work (graduation from trade school; five years as journeyman and skilled craftsman, or five years' experience in related work; five years' experience in public relations or promotional (fund-raising work) $10,125-$12,750.

Associate Development Officer II (2518) manages fund-raising program, implements corporate communication, helps plan the department is considering promoting from within.

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Assistant to the Vice-President of Commonwealth Relations (2542) helps represent the University's interests to the General Assembly, the Governor's office, the U.S. Senate and House of Representatives, the courts, the media, and others. (B.A., preferably from Penn, teaching academic administration, and/or administration of student activities experience; familiarity with social economic and political problems of the Commonwealth) Salary $16,125-$22,725.
technology, electron microscopes or ion implanters; engineering, electron microscopes or ion implanters; JEOL-PS-100 NMR Spectrometer, Vario A-60A NMR Spectrometer (advanced degree in electronics, physics or chemistry or training with five years experience in electronic technology or optical microscopy); (A682) designs and develops novel electronic systems for particle physics research (advanced knowledge of microprocessor design, five years' experience with microcomputers, interfacing and experimental data collection methods) $14,850-$20,550.

Secretary of the Board (3262) is responsible to the chairman of the board of trustees for the financial management of the University and the weekly bulletins and publications (education and experience in academic, administrative, supervisory and communicative functions) Salary to be determined.

Senior Analyst (four positions) $16,125-$22,725. See campus bulletin boards for information.

Staff Physicist (B905) does patient evaluation, including certifying of existing treatments and oral health care providers; maintains patient records (experience in detecting gonorrhea, syphilis, tuberculosis, JEOL-PS-100 NMR Spectrometer, Varian A-60A NMR Spectrometer (advanced degree in electronics, physics or chemistry or training with five years experience in electronic technology or optical microscopy); (A682) designs and develops novel electronic systems for particle physics research (advanced knowledge of microprocessor design, five years' experience with microcomputers, interfacing and experimental data collection methods) $14,850-$20,550.

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A third of a century has passed since the world's first large-scale digital electronic computer, ENIAC, was completed here at the University of Pennsylvania. A new generation of students is now arriving at the Moore School of Electrical Engineering in the School of Engineering and Applied Sciences. Many have had computer programming or computer literacy courses in high school or junior high, but most know virtually nothing about the origin of our silicon-chip society.

To Harvey Garner, professor of computer information science, the history of the computer has become a tale worth preserving. "If we are ever going to get the stories of the pioneers of the computer age," Garner said recently, "we are going to have to get them in the next ten years or so. Otherwise they will be lost forever."

Garner has been appointed one of four representatives of the American Federation of Information Processing Societies (AFIPS) to sit on the board of trustees of the Charles Babbage Institute, founded in 1977. The Institute was named for the irascible English genius who is referred to by computer aficionados as "the father of the computer." Babbage designed and supervised the building of a series of increasingly complicated mechanical calculators in the early 1800s.

Garner's appointment is something of a landmark in the efforts of the Institute. "This is the first time we have had broad support from the industry and from AFIPS for a project to preserve the history of the computer," Garner said.

In addition to endorsing negotiations with the Charles Babbage Institute, AFIPS has established a history of computing committee, to which Garner has been appointed.

In his dual role Garner will be, according to an AFIPS spokesman, "in a position to provide a synergistic approach to the activities of that (history of computing) committee while simultaneously contributing to the development of the newly created (Charles Babbage) Institute."

"Personally, I tend to view the history of the computer from a technical point of view," said Garner, whose research interests include computer arithmetic and computer architecture. (Computer architecture is "that part of the computer of which the programmer remains unaware.")

Garner is quick to point out that in his view the business, management, and entrepreneurial perspectives are just as interesting as the technical ones. He notes that several historians have also been included in the project.

In 1978 Garner toured China, learning firsthand about the state of Chinese computer technology, and writing about it for the Institute of Electrical and Electronic Engineers (IEEE), of which he is a senior member.

From 1970 to 1976 he was director of the Moore School of Electrical Engineering, where he is now involved with the development of graduate programs, as well as research and teaching.

While at the University of Michigan Garner served as acting chairman of the department of communications sciences from 1965-1967, director of the systems engineering laboratory from 1965-1966, and director of the information systems laboratory from 1960-1964.

He received his B.S. in physics in 1949 and his M.S. in physics in 1951 from the University of Denver. He earned his Ph.D. in electrical engineering from the University of Michigan in 1958.

—Max Lebow

Tea for Two

Education study finds that most students prefer monogamy

Monogamy is not dead and, in fact, it is preferred by most students who responded to a questionnaire at the University of Pennsylvania.

In an attitude questionnaire designed to measure feminism and religiosity, Professor Andrew R. Baggaley of the Graduate School of Education, said that "even non-Christians who might consider themselves big city sophisticates believe in monogamy."

Baggaley's survey involved 100 students on the Penn campus. Seventy-seven percent of the respondents were females. All were undergraduates.

Baggaley concluded from his survey that these students are "strongly in favor of more legal rights for women and moderately in favor of less differentiated sex roles."

Further, he said, "they have mixed feelings about perceptions of male chauvinism and they still value traditional monogamous marital arrangements."

The questionnaire focused on attitudes in four areas: legal rights, alteration of monogamy, role de-differentiation and male chauvinism. A separate section of questions measured religiosity.

The more religious students opposed feminism, according to Baggaley. Further, the more religious students were more in favor of monogamy and role differentiation. However, the professor pointed out that religiosity had very little to do with legal rights and male chauvinism, according to survey results.

On the questions regarding alteration of monogamy, Baggaley said students who would score high in this area believe that husband and wife should be able to enjoy sex relations outside the marriage, that marriage vows should be changed to read 'As long as you both shall live,' and that marriage is not a sacred institution involving ultimate values."

On role de-differentiation, Baggaley explains that people scoring high in this area, "want father and mother to share equally in caring for infants and small children, do not want fathers to be clearly 'masculine' and mothers clearly 'feminine.'"

In the area of legal rights, where Baggaley said religiosity does not play as great a role as in other areas on the survey, a high score indicated that the individual "would like to see about an equal number of men and women in high-level employment, is in favor of governmental child care centers and believes that employers do not have a right to know the marital and family status of job applicants."

Baggaley defined a male chauvinist as someone who "believes that men have always treated women as the inferior sex, that men are more likely to relate to women as sex objects than as coequal persons and that most of the frustrations experienced by women stem from the need of men to keep them subjugated."

The respondents on the questionnaire were drawn from students in nursing, education and marketing classes at the University of Pennsylvania. Virtually all students were white, according to Baggaley, and under 25 years old.

—Robert Mitchell

6 December 1979