

Almanac

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Penn Admits Class of '82

Places in Penn's Class of 1982 have been offered to 4,320 students—56 percent of those who applied. The target size for the freshman class is 1,935, or 45 percent of those admitted.

The biggest trend, according to Acting Director of Admissions Bill Brest, is the percentage of women admitted to the College of Engineering and Applied Science and the Wharton School. At CEAS, 18 percent of the students accepted are women. The percent in 1975 was five; in 1955, less than one percent. At Wharton, 25 percent of students admitted are female, contrasting with 16.5 percent in 1975 and four percent in 1955.

Although the number of Penn applicants, 7551, decreased by about five percent from last year, the Scholastic Aptitude Test scores, classroom performance and class rank of the admitted students were higher than last year.

The average SAT score for students admitted under regular procedures is 1270; students admitted under special procedures (such as for the socio-economically or educationally disadvantaged) scored an average of 1250. The average student admitted is in the top 15 percent of his or her class.

Council Meeting Scheduled for May 10

The University Council will meet Wednesday, May 10 from 4 to 6 p.m. in the Council Room of the Furness Building. The agenda will include: reports by the president, provost and chairman of the Steering Committee; election of the incoming Steering Committee; a proposal for selection of commencement speakers; a report from the Student Affairs Committee on guidelines on confidentiality of student records as related to release of names of state senatorial scholarship holders (postponed from the April Council meeting); a progress report by the Educational Planning Committee; and a final report from the Council ad hoc Committee on University Relations with Intelligence Agencies (CURIA) (an earlier version was published in *Almanac*, February 21, 1978).

Campus Campaign Reaches \$4,845,000

The Campus Campaign for faculty and staff at the University has reached a total of \$4,845,000, according to Dr. Charles Price, campaign chairman. The campaign is now within \$155,000 of its stated \$5 million goal.

The School of Nursing tenured faculty leads all academic departments in participation with 100 percent of its members contributing. The development and University relations department leads all administrative/professional departments with 69 percent participation, including three sections that have reached 100 percent.

A-3 Assembly Elections Set for May 23

The sixth annual election of the A-3 Assembly will take place Tuesday, May 23, from 12 to 2 p.m. (Look for a forthcoming A-3 Assembly News Letter for details of polling places and nominees.) Nominations for spokesman, steering committee and coordinating committee can be sent to Ethel Duffy, Ext. 6221, or Margaret Peacock, Ext. 8141, both at 2E5 DRL/E1. Nominations must be received before May 12, 1978.

Description of offices:

Spokesman will preside over the assembly and represent it at meetings of University organizations and at official University conferences.

Steering committee will assist the spokesman in all aspects of the assembly's activities and operation.

Coordinating committee is the decision-making body of the assembly, in which all commitments and agreements are ratified by majority vote.



Jade table screen, China, Ch'ien Lung period (1736-1795). From the Chinese jade exhibition opening at the University Museum May 18. The exhibition will remain at the museum through August.

Trustees Executive Board to Meet May 11

The executive board of the trustees will meet in an open stated session, Thursday, May 11, from 3 to 4 p.m., in the Club Room of the Faculty Club. Agenda items will include a report by President Martin Meyerson on implications of proposed federal regulations regarding indirect cost recovery for research, and a presentation with Director of Planning Analysis Robert Zemsky on plans for the next five years; and reports from Provost Eliot Stellar and several trustees committees.

Dental School Honors Six in Convocation

Six honorary degrees, for the advancement of oral science and medicine, were presented at a special Centennial Convocation May 5 by the University's School of Dental Medicine.

Honored were Robert Frank, D.D.S., Ph.D., dean of the dental surgery faculty of Louis Pasteur University, Strasbourg, France; Clifton Dummett, D.D.S., Ph.D., University of Southern California School of Dentistry; and Henry Goldman, D.M.D., dean emeritus, Boston University School of Dentistry. From Penn's dental school faculty, degrees were given to Lester Burket, D.D.S., M.D., dean emeritus; Louis Grossman, D.D.S., professor emeritus; and Wilton Krogman, Ph.D., professor emeritus, anthropology.

John Cummings Hetherston, 1925-1978

John Cummings Hetherston, a former vice-president and secretary of the corporation here, died at his home in Wynnewood on Wednesday, April 26 at the age of 53.

Hetherston was the University's secretary from 1956 until 1963, when he was named vice-president for coordinated planning. In 1971 he became vice-president for facilities management and construction; he most recently served as director of the executive education program at the Wharton School.

As vice-president for coordinated planning, Hetherston helped establish ties with Pahlavi University in Iran. As chief administrative officer in charge of planning, he oversaw some 64 construction and renovation projects, valued in excess of \$150 million.

Hetherston received his B.S. from Penn in economics in 1946 and joined Penn as assistant secretary in 1948.

Speaking Out

Computing at Penn

A recent *Almanac* note (March 28, 1978) announced the closing of the Office of Computing Activities (OCA). This is perhaps a merciful solution for a function forced to deteriorate. The history of this small office gives insight into the quaint management style and concepts of leadership of this administration.

The OCA has initiated projects of long term significance that reflected the direction of computing on more enlightened campuses. The OCA had to forego consulting, documentation and other user services because it was not permitted a professional staff, and it faced a continually uncertain future. As much of Penn computing is performed on a level at which Amy Carter has appeared to be quite comfortable, the strongest need has been for supporting technical services, especially ones for which commercial alternatives were too expensive or unavailable.

Thus OCA installed terminal and computer communications links and provided engineering and expansion services for local centers. These projects usually cost about half of commercial estimates and worked properly on completion. The OCA helped upgrade the physics computer in DRL, introduced a fast plotter at DRL, and ran the batch terminals. It designed and managed the construction of the duct grid replacements in the high rise dorms so computing terminals and campus TV programs could be brought to the students in the dorms. Similar preparations on a smaller scale anticipate services for the medical school. All of this has come about as a sidelight of OCA's more important role of servicing the computer part of the University accounting bureaucracy.

The OCA was formed in 1972 to perform the University part of central computing matters. (These had previously been handled by the Computer Center.) The task of operating the computer and services was assigned to the newly formed Unicoll Corporation. The first OCA director, Dr. Emery, energetically encouraged development of Unicoll. His budget initiatives and terminal equipment innovations resulted in greatly increased use of computing resources. During his term, Penn acquired five new batch terminals, improved throughput, turnaround and terminal room surroundings and began an important program for introducing fast, reliable and versatile communications for expected computer graphics and lowspeed terminals to

follow. Cost effective, high quality performance was emphasized.

Unicoll was expected to earn its own way through expanded computing sales. A slow initial period gave way to a major reorganization, with a new successful, autonomous management team. Unicoll grew, aided in part by Penn's protectionist policies, which favored Unicoll profitability, but discouraged academic funding.

Penn's own intentions following the reorganization were confused. An expensive consulting report by Rude and Associates called for strong direction and support of all Penn computing. It was largely ignored, partly because it emphasized administrative computing. A faculty critique suggested that the function of the University lay in directions other than administering itself. Hospital computing went to another contractor; some thought the explanations stretched the truth.

Controlling growth was considered the major problem in academic computing. Planning, continuity or quality considerations were discouraged. Responsibility center funding for computing was begun at a time when other cost increases were also imposed, seldom with adequate covering revenue. The administration insisted that it had provided equivalent computing funds, but few of the deans found that the purported distribution was adequate in view of other budgetary strains. Cuts in classroom and graduate computing support followed. These actions implied unstable Penn support for Unicoll. At OCA, initiative was viewed as incompatible with career advancement, and the faculty groups involved were ineffective in dealing with the computing decline and its causes.

Wharton and the engineering school responded by seeking capital gifts for computers. Moreover, they budgeted classroom instructional use as fixed cost services with free access to their own students: they realized that a computer costs about the same whether it is used or not. All that the marketing theories did was close access to the computers. FAS, unfortunately, could not follow the lead of Wharton and engineering.

Thus while Unicoll was succeeding admirably, Penn was winding down academic Unicoll use: academic central processor use is now one-fifth, and other terminal volume in cards and printed lines is one-eighth of its 1974 peak. Number of jobs, an important measure of student use, has fallen to one-eighth. Penn's total of research and internally

funded computing at Unicoll is now one-half of its \$1,200,000 high.

At least \$600,000 per year of new or redirected money has gone into operating local computer centers. Wharton and CEAS spend \$400,000 per year on computing, and the figure is rising. Interactive computing requires more computer memory and storage than batch, which means these computers do not replace past computing power. The situation has gone full cycle. Such student computing as available is open and provided on a fixed cost basis, and FAS students will have no opportunity to take a course in computing, unless they turn to Wharton or CEAS.

The role of OCA in University computing activities has fared poorly. It has been impossible to obtain a director. A request for a technician to operate the campus-wide terminal network has lain unanswered in College Hall since October, 1976. All OCA staff have left in disgust and have not been replaced.

There is no provision for computer or other educational technology in the \$255 million Program for the Eighties. The costly communications duct system should serve, too, for data collection for energy management and policy and for alarm or security systems. Ten percent, or \$1 million a year in energy costs could be saved by using monitoring data, estimates from other campuses suggest.

The budget office found OCA an easy political target. Cutting OCA wasn't even discussed in the budget committee. The matter wasn't mentioned to the current director of OCA, Dr. Crockett. The quoted figure of \$115,625 to be saved is fictitious; the real cost of OCA in its current status is closer to \$45,000 per year. OCA management of computer and communications installations and other initiatives this year has saved well over \$45,000. Thus, this affair is simply another case of window dressing with no real savings.

The killing also came without provision for continuity of batch terminals, a modest oversight. Little wonder that Penn computing, already called a "mess" in the Rude Report of 1973, is so widely viewed as "unbelievable" by peers on other campuses.

In more progressive institutions and industries, applications of computer and TV procedures are important for education, training and research. Computer-based sensing and control techniques are relied upon for impressive cost savings as well as for productivity gains. An essential part of such systems is a

communications capability, for which OCA and physical plant have already provided the major features. All proposals to form a capable technical group to enhance these applications have been emphatically rejected by this administration.

Instead, Penn develops competing, expensive, often amateurish mechanisms, nearly always suboptimal. A great University deserves better. I hope the initiatives offered by the OCA will prosper better. —*Dr. James Niederer, Associate Director of Computing Activities*

More on Qaddafi

To the Editor:

Professor Ann Elizabeth Mayer (*Almanac*, April 18, 1978) assures us that Mu'ammarr Qaddafi of Libya does not support terrorism or subversion because she has "read thousands of pages" of his "oratory" and "nowhere encountered any

approbation of terrorism." One cannot help wonder whether she also assures her students, with the same tenacity of purpose and political ingenuousness, that plea bargaining does not exist because she has combed the legal codes and nowhere found any mention of it.

—*Alvin Z. Rubinstein,*

Professor of Political Science

Ann Elizabeth Mayer replies:

Professor Rubinstein attributes to me a statement that I have not made; I reserve judgment on the question of whether Qaddafi in practice supports terrorism until evidence of a more reliable nature is produced. I referred to the texts of Qaddafi's speeches not as proof on the question of whether he has acted in support of terrorism but to dispute contentions in earlier correspondence to *Almanac* that there has been official endorsement or glorification of a policy of terrorism. For Qaddafi's official

policies his speeches are a perfectly good source, and Professor Rubinstein's analogizing my use of them for this purpose to the use of black letter law to establish actual court practices is unwarranted.

Parking Fees

To the Editor:

The University Council Committee on Facilities and the University's parking administration join in announcing that there will be no increase in parking fees in 1978-79.

This will be third consecutive year of maintenance of parking fees at the present level.

The Facilities Committee considers that the parking administrator, Steven D. Murray, and his staff have again shown excellent ability, and takes this opportunity to publicly express its appreciation.

—*John G. Brainerd, Chairman
Council Committee on Facilities*

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*, *Ann R. Miller* and *Irving Kravis* for the Faculty Senate; *Paul Gay* 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.

Bulletins

Spring Work-Study Schedule Ends May 12

May 8 through May 12 will be the last week of the spring semester that work-study students may work. Hours worked beyond May 12, 1978 will not be processed under the CWSP payroll and will be the liability of the student's department, according to the student payroll services office.

Please Note: Almanac Publication Schedule

Almanac will cease regular publication for the summer with the May 23 issue. (*Almanac* will skip publication May 16.) *Almanac* will be published once during the summer, in mid-July, and return to its regular weekly publication schedule after Labor Day.

—*The Editors*

Memorial Service for Dr. Wheaton

A memorial service for Dr. William L.C. Wheaton, founder and former director of the University's Institute of Urban Studies, will be held on Saturday, May 13 at 3 p.m. in the Bryn Mawr Presbyterian Church. Dr. Wheaton, who died February 19 at 65, was a professor of city planning at Penn from 1953 to 1963. He wrote with President Martin Meyerson *Housing People and Cities*, published in 1962. (See *Almanac*, February 28, 1978). Those wishing to make a contribution in memory of Dr. Wheaton should send gifts to the William L.C. Wheaton fund of the Department of City and Regional Planning, Graduate School of Fine Arts.

Memorial Day

This announcement does not apply to hospital employees.

Monday, May 29, 1978 is Memorial Day, a national holiday. This holiday is observed in accordance with University policy.

Support staff personnel required to work on the holiday are compensated at the holiday rate, i.e., the employees' regular pay for the day plus one-and-one-half (1½) times their regular hourly rates for all hours worked.

For employees covered by collective bargaining agreements, the applicable provisions of each agreement shall govern.

—*Gerald L. Robinson,*

Executive Director of Personnel Relations

Grant Deadlines

National Institutes of Health

6/1 Regular scheduled deadline for individual and institutional research service awards, research career development awards, program projects and centers, all competing renewal and all supplemental applications.

7/1 Regular scheduled deadline for new research applications.

7/1 The Center for Research for Mothers and Children (CRMC) of NICHD invites applications for research on the development and maintenance of healthy behavior in children. Reference—RFA: NIH-NICHD-CRMC-78-Health Promotion and Prevention of Smoking and Other Behaviors Detrimental to Health.*

• *Important Notice:* NIH advises that an application must be received by NIH in its entirety by the stated date. Any application received after the stated date will be considered as not meeting that particular receipt date.

National Science Foundation

6/1 Revised deadline for program solicitation for evaluation of information science and technology research.

6/10 North Pacific experiment proposals—contact Dr. Curtis Collins or Dr. Richard Shaw (202-632-4334).

6/15 International southern ocean studies proposals—contact Dr. Collins or Dr. Shaw.

National Endowment for the Humanities

6/1 Applications for fellowships for independent study and research: 1979-1980 (contact Division of Fellowships, NEH, 202-724-0333).

6/1 The planning awards for NEH youth projects are intended to encourage a wide variety of innovative humanities projects for children and teenagers during out of school hours (contact Mitchell Schneider, 202-724-0396).

Office of Human Development-HEW

6/20 Model spinal cord injury system grants for FY 1978.*

Exxon Education Foundation

• The submission of projects under its educational research and development program. Applications must be received by 7/1/78.

Additional information is available from the Office of Research Administration, 409 Franklin Building, Ext. 7295.

*Brochure available in ORA.

—*Alton E. Paddock*

Openings

The following listings are condensed from the Personnel Office's Bulletin of May 4. Dates in parentheses refer to the Almanac issue in which a complete job description appeared. Bulletin boards in 13 locations throughout the campus list full descriptions. Those interested should contact Personnel Services, Ext. 7285. The University of Pennsylvania is an equal opportunity employer. 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

Administrative Coordinator (2/21/78).

Assistant to the Chairman I is responsible for department budget and estimating teaching fellow needs. College preferred, four years' university experience. \$9,275-\$13,000.

Assistant Dean coordinates public relations programs and activities, acts as publisher of Wharton magazine. Public relations or fundraising experience, MBA desirable. Send resumes only. Salary to be determined.

Assistant to the Dean works closely with two associate deans in coordinating student affairs. Bachelor's degree. \$13,250-\$18,575.

Assistant Director, Alumni Relations (5/2/78).

Assistant to Director of Alumni Annual Giving I organizes and coordinates activities for fundraising purposes. Bachelor's degree, preferably from Penn's Wharton School, two years' experience. \$9,275-\$13,000.

Assistant to Director, Annual Giving II (4/24/78).

Assistant General Counsel (1/17/78).

Assistant Registrar (4/24/78).

Associate Director for Maintenance Operations (3/28/78).

Coordinator (4/24/78).

Coordinator, Clinical Education coordinates fieldwork in the occupational therapy program. Registered occupational therapist, master's degree, three years' clinical experience. \$13,250-\$18,575.

Coordinator, Human Experience performs administrative and secretarial functions for review of campus research involving human subjects. College graduate, five years' experience. \$9,275-\$13,000.

Director of Internal Audit (5/2/78).

Director, Small Animal Hospital (1/31/78).

Head Teacher supervises three- to five-year-old children in a classroom setting. Bachelor's degree in early childhood education or related experience. \$10,050-\$14,325.

Junior Research Specialist (four positions) (a) (two positions—5/2/78); (b) prepares blood lymphocytes, EAC rosettes, membrane and fixed cell immunofluorescence (bachelor's or master's degree in biology, experience); (c) prepares and catalogues serum and spinal fluid, performs lymphocyte transformation tests and assays (bachelor's degree, immunology and microbiology lab courses, experience). \$9,275-\$13,000.

Manager, Special Functions (5/2/78).

Program Director (3/21/78).

Programmer Analyst I (4/24/78).

Senior Staff Writer (3/7/78).

Senior Systems Programmer (3/21/78).

Staff Writer II (four positions) (a) (two positions—3/28/78); (two positions) maintains and improves University communications with local and national news media (bachelor's degree, several years' experience in professional news writing and copy editing). \$11,525-\$16,125.

Support Staff

Accounts Payable Clerk (4/24/78).

Administrative Assistant I (three positions) (a) (3/28/78); (b) (5/2/78); (c) processes personnel and purchasing forms, controls expenditures (high school graduate, experience). \$7,150-\$9,150.

Administrative Assistant II (three positions) (a) (4/24/78); (b) coordinates programs, gathers and disseminates information on legislation and funding (bachelor's degree, academic administrative experience); (c) (in Kennett Square) assists in cost analysis and in compilation of data for allocations and expenditures (business school graduate or two years' college with business courses). \$7,700-\$9,850.

Cashier (2/7/78).

Collection Assistant (two positions—4/24/78).

Computer Operator operates DEC 10 computer system. High school graduate, experience with computer programming. \$7,150-\$9,150.

Editorial Assistant (one year appointment) is an entry-level position as a University news officer. Experience at Penn in news editing and writing; applicants must be current year graduates of Penn. \$7,150-\$9,150.

Groom (two positions—4/11/78).

Project Budget Assistant assists in maintaining data for expenditures pertaining to grants and contracts. High school graduate, two years' experience. \$7,150-\$9,150.

***Psychology Technician I** runs patient clinics. Bachelor's degree, must be able to work one evening per week. \$8,625-\$11,050.

Research Laboratory Technician I is responsible for storage and care of instruments and supplies. High school graduate. \$6,775-\$8,675.

Research Laboratory Technician II (four positions) (a) (two positions—4/4/78); (b) (4/18/78); (c) determines protein content in cell extract (two years' college chemistry, physics and mathematics). \$7,650-\$9,800.

Research Laboratory Technician III (seven positions). See bulletin boards for details. \$8,625-\$11,050.

Scientific Glassware Attendant (5/2/78).

Secretary II (12 positions) \$6,225-\$7,975.

Secretary III (15 positions) \$6,700-\$8,575.

Secretary IV (two positions) (a) (4/11/78); (b) (4/18/78).

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

Senior Admissions Assistant (two positions) (a) (3/28/78); (b) assists directors of regions in recruiting (college background and admissions experience). \$7,700-\$9,850.

Senior Collection Assistant (4/11/78).

Stable Foreman (4/11/78).

Stack Attendant (5/2/78).

Statistical Assistant (4/24/78).

Steam Fitter (three positions—5/2/78).

Student Records Assistant (2/21/78).

Supervisor, Accounting Assistant assists the manager of the accounts payable department. High school graduate. \$7,150-\$9,150.

Supervisor, Mechanical Systems (5/2/78).

Typist II (two positions) (a) (4/11/78); (*) (b) serves as telephone and office receptionist (high school graduate). \$5,800-\$7,400.

Veterinary Anesthesia Technician I (3/21/78).

Part-Time

One administrative professional and four support staff positions are listed. See bulletin boards for details.

Things to Do

Morris Arboretum offers its annual plant sale May 12-14. Call CH7-5777. § **The Baroque Music** at Noon series concludes with **Music of the German Baroque**. May 12. Houston Hall Bowl Room. § **The Annual Exhibition** by Graduating Masters of Fine Arts takes place May 13-29 at the Institute of Contemporary Art gallery. Hours: Saturdays and Sundays, noon to 5 p.m.; Tuesday, 10 a.m. to 7:30 p.m.; Wednesdays through Fridays, 10 a.m. to 5 p.m.; closed Mondays. § **The Faculty Club celebrates Mother's Day** with a dinner May 14, 2:30 to 5:30 p.m. Reservations: Ext. 4618. § **The University City Science Center** in cooperation with the Philadelphia College of Textiles and Science and the Philadelphia Art Alliance sponsors an **exhibition of works** by architectural environmental artist Aleksandra Kasuba, media sculptor Les Levine and Alexander Messinger, an architect and town planner at the Art Alliance, 251 S. 18th Street, May 15 through June 20. § **Bubble Nucleation, Equilibria and Kinetics of the Reaction of Fe-C-O Alloys with CO-CO₂ Mixtures and Oxygen** is Dr. David Robertson's topic May 16, 4 p.m., LRSM, Room 105. § **The Medical Alumni Society** invites all physicians who are Penn undergraduates or medical school alumni to participate in a **Continuing Medical Education Program** course, "Diabetes Mellitus and its Complications," on May 19. Call Ext. 7811 for details. § May 19 and 20 mark 1978's **Alumni Weekend** at Penn. For more information, call Ext. 7811. § At noon on May 20, the Society of the Alumni of the School of Nursing sponsors **Update on Issues in Nursing** at the Faculty Club. For details, call Ext. 5766. § This year's **FAS Convocation** is slated for May 21 at 4:30 p.m. in Irvine Auditorium. "Vox Balaenae," a work by Penn's George Crumb, will be performed by the Penn Contemporary Players. § Two lectures will be delivered this month at Penn by Sir **Arnold S.V. Burgen**, distinguished British pharmacologist. The **Wellcome Lecture, Muscarinic Receptors**, is scheduled for May 23 at 5 p.m. in the Medical Alumni Hall; the Carl F. Schmidt Lecture will be given May 24 at 4 p.m., also in the Medical Alumni Hall, and will deal with **Aspects of Drug Specificity**.

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