

Almanac

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SENATE

From the Chair

To all Assistant Professors

Please send in your nominee for election of an Assistant Professor to serve on the Senate Executive Committee. Call Carolyn Burdon, staff assistant, at Ext. 6943 if you have not received your nomination form. Nominations should be sent to the Faculty Senate, 15 College Hall / 6303 by October 22.

—Roger Soloway, M.D., Chair

Extension of Access Control

Starting on October 20, a security person will be stationed at the front door of Van Pelt Library from 1 p.m. until closing on Mondays through Fridays for the purpose of checking the identification of those entering the building. This will extend the access procedures currently in effect during the evenings into daytime hours.

We realize that this may cause some inconvenience to members of the Penn community. As thefts of personal belongings of library users and staff have steadily increased, however, we feel that this step is essential in providing better security in the building.

Members of the University community should be prepared to present a valid Penn ID card. Visitors may continue to use the Van Pelt collections on Mondays through Fridays by showing identification from their home institutions or a valid driver's license, etc. and following a sign-in procedure, just as they currently do during evening hours.

Any questions concerning access procedures and policies should be referred to Patricia Renfro, Assistant Director of Libraries for Public Services, on Ext. 7557 or me on Ext. 7091.

—Joan Gotwals, Deputy Director of Libraries

Uses of University Services

The University intramural mail service and other University resources are to be employed for official University business only. Use of the mail service or University stationery for personal or political purposes does not constitute official University business and should therefore be considered an inappropriate use of such resources.

—Helen O'Bannon, Senior Vice President

Reunion and Awards for Computer Pioneers

The Moore School of Electrical Engineering will give four honorary degrees and 30 medals October 16 to commemorate the triumphs of ENIAC—the world's first all-electronic, large-scale, general-purpose digital computer—and to mark the first formal electronic computer course and the first electronic computer company as well as honor those who are carrying the computer revolution forward today.

At a 3 p.m. convocation in Harrison Auditorium of the University Museum honorary doctor of science degrees will be awarded to four people who have made important contributions to computer science in recent times: C. Antony R. Hoare of Oxford University; Richard M. Karp of the University of California at Berkeley; Donald E. Knuth of Stanford University; and Allen Newell of Carnegie-Mellon University. J. Presper Eckert, vice president of Sperry, will speak.

Thirty computer pioneers involved with ENIAC will also be honored at the day-long celebration of 40 years of computer science and engineering at Penn. At a banquet Thursday evening they will be awarded medals by the University in recognition of the successful project that Dean Joseph Bordogna described as "a turning point—the end of the Industrial

Revolution and the beginning of the Information Age. With the help of this engineering achievement, we have explored our planetary system, placed people on the moon and revolutionized business, scientific, engineering and industrial activities." The recipients are: Betty Jean Jennings Bartik, John G. Brainerd, Arthur W. Burks, Joseph Chedaker (in memoriam), J. Chuan Chu, James A. Cummings (in memoriam), John H. Davis, Hester Caldwell Eckert (in memoriam), J. Presper Eckert, Harry R. Gail, Adele Goldstine (in memoriam), Herman H. Goldstine, Harry J. Gray, F. Elizabeth Snyder Holberton, John Vaughan Holberton, Harry Huskey, Hyman James, Herman Lukoff (in memoriam), John W. Mauchly (in memoriam), Kay McNulty Mauchly, Marlyn Wescoff Meltzer, Richard E. Merwin (in memoriam), F. Robert Michael, Frank Mural, Clement C. Parker (in memoriam), Solomon Rosenthal, T. Kite Sharpless (in memoriam), Robert F. Shaw (in memoriam), Frances Bilas Spence, Homer Weldon Spence, Ruth Lichterman Teitelbaum (in memoriam).

The Day of Commemoration begins with registration at 9 a.m. in the Moore School followed by a welcome by John Brainerd, emer-

(continued on page 2)



Together in 1946: (left to right) ENIAC project leaders J. Presper Eckert, Jr., J. G. Brainerd, Sam Feltman, Capt. H. H. Goldstine, Dr. J. W. Mauchly, Dean Harold Pender, Gen. G. M. Barnes, Col. Paul N. Gillon.

The Moore School of Electrical Engineering

Tenure Decisions and Gender—1986

Last year the Office of the Provost carried out a study comparing how men and women had fared in the tenure process during the academic years 1980-81 through 1984-85. This study was limited to the "timely" tenure reviews—those carried out during the two academic years before the mandatory review date. For a complete description of our procedures, see pg. 2, *Almanac* November 26, 1985. We used the following notation: timely tenure attained (TT), negative decision at department level (D), negative decision at school level (S), negative decision at university level (U), other outcome (O). We now update this study giving first the outcomes from 1985-86 and then the consolidated data for the six years 1980-81 through 1985-86.

University of Pennsylvania Outcomes of Timely Tenure Reviews 1985-86

Numbers of Faculty Members (Proportions)

| | Tenure Attained | | Tenure Not Attained | | | | |
|-------|-----------------|---------|---------------------|---------|---------|----------|--|
| | TT | D | S | U | O | Total | |
| Women | 4(0.36) | 1(0.09) | 3(0.27) | 2(0.18) | 1(0.09) | 11(0.99) | |
| Men | 13(0.45) | 3(0.10) | 8(0.28) | 2(0.07) | 3(0.10) | 29(1.00) | |

University of Pennsylvania Outcomes of Timely Tenure Reviews 1980-81 through 1985-86

Numbers of Faculty Members (Proportions)

| | Tenure Attained | | Tenure Not Attained | | | | |
|-------|-----------------|----------|---------------------|----------|----------|-----------|--|
| | TT | D | S | U | O | Total | |
| Women | 34(0.49) | 10(0.14) | 9(0.13) | 4(0.06) | 13(0.19) | 70(1.01) | |
| Men | 113(0.52) | 29(0.13) | 39(0.18) | 14(0.07) | 22(0.10) | 217(1.00) | |

Probably the most important comparison is that in the past six academic years, 49% of women reviewed internally for "timely tenure" attained it in comparison with 52% of men. Last year, we reported similar statistics over a five-year period to be 49% for women and 53% for men. The reader may note that certain numbers in the table for 1980-81 through 1985-86 are less than the sum of the corresponding numbers for 1980-85 and 1985-86. This is because a few cases, reviewed negatively in 1984-85, were reviewed again in 1985-86. We have not double counted.

—Richard Clelland, Deputy Provost

—Anne Mengel, Assistant to the Provost for Provost's Staff Conference Matters

Computer Pioneers

(continued from page 1)

itus professor and ENIAC's project director and a discussion on Prospects for the Future in Computer Science by the four honorary degree recipients in the Towne Building. For information about Thursday's luncheon and banquet and the colloquium on Friday, October 17 call Ext. 8120.

Council: Action on Research

Action: At its first fall meeting October 8, Council passed with one amendment the Research Committee's proposed policy on disclosure of support sources to students participating in sponsored research. After comment on the potential inability of Schools or graduate groups to find replacement funds if a student exercised the right to withdraw from given sponsorship, the amendment removed the words "without prejudice," from the text published in *Almanac* February 18, 1986.

On behalf of the Committee, its chair, Dr. Trevor Penning, asked to have the policy placed in the *Research Investigators Handbook*, the *Handbook for Faculty and Academic Administrators*, and the *Policies and Procedures* manual issued by the Vice Provost for University Life. (Full text will also be entered in a future issue of *Almanac*.)

Reports: Among items reported rapidly by the President in order to reserve time for initial discussion of two reports on harassment (see opposite) is a plan to review the Guidelines on Open Expression. As discussed with the Consultative Committee, Dr. Hackney said suggestions will go to the Committee on Open Expression and any recommendations will go to Council with COE's advice.

(More coverage of Council next week.—Ed.)

Fall Break will take place Monday and Tuesday, October 20-21, 1986.

A-1 Assembly

Survey of Topics for Discussion in 1986-87

The executive board of the A-1 Assembly, which represents all A-1 administrators and professional staff, has developed a list of topics to address during the coming year. The Assembly is also interested in surveying the concerns of all University administrative personnel which will help develop an agenda for action.

Please check the items below of interest to you and add any further topics you would like to see addressed.

___ 1) Timely announcement to A-1 administrators of University policy changes, such as graduate tuition tax, parking, summer hours, and proposed recreation fee.

___ 2) Career development for A-1's similar to industrial management training and tracking programs.

___ 3) Inauguration of a financial council (comparable to the Human Resources Council) with A-1 representation to consider how University financial changes will affect the running of the University.

___ 4) Disposal and/or storage of excess furniture and unused equipment, and acquisition of used equipment.

___ 5) A mechanism for small groups to make it possible to buy such things as office supplies, equipment and services in bulk.

___ 6) Address health and safety in the workplace, such as radiation levels of computers and microwaves.

Your suggestion: _____

Please send your suggestions to me at 110 Houston Hall/6306, by October 28.

—Francine Walker, Chair, A-1 Assembly

Holiday Reminder

The following holidays will be observed by the University in the next few months:

- Thanksgiving, Thursday and Friday, November 27-28, 1986
- Christmas Day, Thursday, December 25, 1986
- New Year's Day, Thursday, January 1, 1987

The special vacation granted to faculty and staff between Christmas and New Year's Day will be December 26, 29, 30, 31, 1986. Friday, January 2, 1987, is also included in this year's special vacation. If an employee is required to be on duty to continue departmental operations for part or all of this period, the special vacation is rescheduled for some other time.

In addition, faculty and staff are eligible for a floating day off each fiscal year (July 1-June 30) which may be used on any day for any reason, scheduled mutually with one's supervisor. Floating days are not cumulative; thus this year's can be used through June 30, 1987.

Vacations and holidays for Hospital employees or those employees in collective bargaining units are governed by the terms of Hospital policy or their respective bargaining agreements.

—Office of Human Resources

Speaking Out

On Undergraduate Education

In his address to the Class of 1990 the Provost Thomas Ehrlich tried to define the mission of our University as an attempt to give our undergraduates a "time for exploration—of intellect, of morals, of self" (*Almanac* September 9 and DP *loco quodam*). He sketched a picture of a world of continuous change, uncertainty, different viewpoints, unlimited diversity; and he counseled the students to adhere to certain "modes of reasoning," to "hold sacred the dignity of each person," to "celebrate the diversity of all peoples," and to practice "self-education." Of course, he used many more words to bring to life these general thoughts which could have come with little change from a Jacobin manifesto of the high days of the French revolution pronouncing the abolishment of the past and the beginning of the reign of reason and fraternity.

While the ideas the Provost adumbrated for his talk are honorable in themselves, the picture of a great university which emerged from his words was a poor one because another chance was missed to propose to the students a more concrete and, consequently, more useful way to spend some of their time at the University of Pennsylvania.

For somebody who like the Provost thinks that university education starts only with the eighteenth-century rationalists and has to respond to particular needs of the class of 1990, dismisses nearly a thousand years of university history before the year 1776 and disregards the roots of Western education which lie in the schools of the Greek philosophers. For it is the Western system of education which, in all its vagaries and exposure to outside influences, has produced and preserved until today that marvelous balance between knowledge and its dialectic challenge which characterizes Western universities. Already in the schools of Athens basic philosophical questions had been asked and certain answers were offered which shaped the course of Western culture. But this early body of knowledge never became a holy institution overshadowing every later development. On the contrary, the intellectual achievements of the past still challenge us to assess former and more recent answers without the fear to commit a sacrilege. Western traditions are full of similar challenging achievements, e.g., the wide range of Greek and Roman civilization, the richness to the Judeo-Christian Middle Ages, the miracle of the Renaissance, and the exuberance of the Baroque. During these periods principles were developed on which our life still rests and when we discard these basic positions of Western civilization as long obsolete and "proven wrong," we undermine the very ground on which we stand.

Undergraduate educational philosophy

based exclusively on the principles of the rationalism of the enlightenment and its value system leads to the widely practiced teaching of a chaos of "complexities," technology without ethics, science split into numerous specialities, a plethora of viewpoints, and a *non-liquet* in all moral arguments in order not to hurt anybody. This vacuum is being filled eagerly by nonacademic interests which take their sectarian or ideological positions for granted in the absence of a willingness among academic teachers to confront basic questions and because the student body has not learned enough to challenge modern dogmat effectively.

Therefore, we should not address the superficial needs of our undergraduates but teach them the basic need to understand the academic and moral values which have sustained Western culture through the centuries. This should happen in a dialectical approach:

The students should not be taught authoritatively but should be led to acquire sufficient knowledge (and linguistic training) to understand the historical implications of an issue and be able to distinguish between accidentals and essentials before they "challenge theories" and "frame, examine, and resolve problems," i.e., pass judgments. The next important issue which deserves some time in an undergraduate curriculum would be to come to a clear understanding of the reasons why Western academic traditions have reached their peak in American universities, especially in the free private universities. This has to do with the unique combination of the special concept of democracy lived in America and the presence of the very best of European academic traditions (pursuit of knowledge for its own sake; meticulous control over the material; and creativity in the framework of a controlled context) on American soil. In the environment of the American democracy these academic ideals can still flower undisturbed from political pressures and without fear of the dilution of the moral and material basis of their very existence. There should be, therefore, a clear reference to the nature of the American concepts of freedom, law, justice, the individual, and the checks and balances of the political system in a statement on the philosophy of undergraduate teaching.

If a student has learned that the academic principle and the philosophical/moral values on which they rest are not the result of applied reason but the gift of the long and often terrible history of the Western world, only then a fruitful encounter with the experience of other cultures can happen. Not even science is so universal that its transfer can be achieved without convulsions and the creation of disproportions in other societies. So an undergraduate should learn to listen to

how other cultures have handled the basic problems of humanity, learn from their solutions and appreciate the difficulties some of them are confronted with in modern times. The best approach to this part of the education is the dedicated study of a foreign language of another culture and those who study it via translations should be made aware of the perennial limitations and unavoidable misjudgments of this approach.

When our undergraduates would be required to attend *Core Courses* in the three aforesaid areas, i.e., Western Traditions, Academic Life in America, and Non-Western Culture, in addition to the necessary requirements in hard sciences, they and their teachers would finally find a common ground to stand on. But our Provost preaches uncertainty and offers a smorgasbord of viewpoints instead of defending the essence of undergraduate education, which should be, so it seems to me, to give the student a certain *confidence* (or should I say "pride") in being part (for some time) of the breath-taking human effort of the establishment and continuation of Western civilization and to teach him *humility* in face of its limitations. However, these two virtues suffered silence from the Provost's side.

—Peter Gaeffke, Professor of Modern Indian Literature, S. Asian Studies

The Provost Responds

I am pleased to spark discussion about undergraduate education, but disappointed it comes in the form of misstating what I did say and then bemoaning what I did not. I understand that Professor Gaeffke would have given a different talk from mine; his characterization of my comments, however, bears no resemblance to my text. He implies, for example, that I "discard" the basic positions of Western civilization as "long obsolete and 'proven wrong' . . ." I did use the phrase "proven wrong," but in this context:

"The inquiring mind recognizes that what is accepted today must be continually challenged, probed, and disputed—whether it be theory or alleged fact. If the accepted survives the process, it will be strengthened. Even more important, it may be proven wrong."

I could not even find a phrase in my talk that might justify the charge that it "dismisses nearly a thousand years of university history before 1776" [why 1776, by the way?] and "disregards the roots of Western education which lie in the schools of Greek philosophers."

All differences aside, in view of Professor Gaeffke's interest in undergraduate education, I hope he will join the increasing number of senior faculty teaching Freshman Seminars.

—Thomas Ehrlich, Provost

SPEAKING OUT welcomes the contributions of readers. *Almanac's* normal Tuesday deadline for unsolicited material is extended to THURSDAY noon for short, timely letters on University issues. Advance notice of intent to submit is always appreciated.—Ed.

FITNESS/LEARNING

Computing Resource Center

15 Bits and Pieces Noontime Training Seminar: *Hard Disk File Organization*; CRC consultants provide an explanation of basic hard disk organization and operating procedures; noon, 285 McNeil Building.

16 Administrative User Group Meeting; noon, Room 305, Houston Hall. Information: Mary Griffin, Ext. 9085.

TALKS

14 Identification of a Chymotrypsin-like Protease in Human Mast Cells; Norman Schechter, assistant research professor of dermatology; noon, 404 Anatomy-Chemistry Building (Department of Biochemistry and Biophysics).

Oxygen and Water Transport in Sickle Cells; Toshio Asakura, department of pediatrics, CHOP; 12:30 p.m., Physiology Library, 4th floor, Richards Building (Respiratory Physiology Group, Department of Anesthesiology).

16 Fission-Track Analysis and Evaluation of Thermal Histories; C.W. Naeser, USGS Denver; 4 p.m., Room 105, Hayden Hall (Henry Paul Memorial Lecture, Department of Geology).

Iranian Studies Seminar; William Hanaway, Oriental Studies; 4:30 p.m., 8th floor lounge, Williams Hall (Oriental Studies).

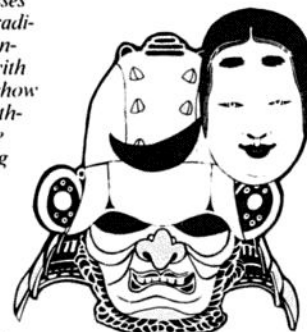
Purified Lens Junction Protein Forms Channels in Lipid Bilayers; James Hall, department of physiology and biophysics, University of California, Irvine; 4 p.m., Physiology Library, 4th floor, Richards Building (Department of Physiology).

A Question of Values: Continuity of Care, the Real Catastrophic Issue; Stanley J. Brody, professor of Physical Medicine and Rehabilitation in Psychiatry, School of Medicine; 3:30-4:30 p.m., Room 111, Nursing Education Building (Center for the Study of Aging).

A Talk by James C. Miller, director of the Office of Management and Budget and former chairman of the Federal Trade Commission. Expected topics include the federal deficit, the recent passage of tax-overhaul legislation and the nation's economic growth; 3 p.m., Room 17, Logan Hall (Wharton School).

17 Novel Gene Transcription Associated with Lymphocyte Activation; Kathleen Kelly, National Cancer Institute, Bethesda, Maryland; 4 p.m., Wistar Auditorium (Wistar Seminar).

Shozo Sato demonstrates the Art of Kabuki Makeup and discusses Kabuki Tradition, in conjunction with the stage show *Kabuki Othello* (at the Annenberg School through October 26). 11 a.m. Raine Auditorium, University Museum. Admission: free.



20 Mismatch Between Receptors and Transmitters in the Brain: Observations and Implications; Miles Herkenham, research psychologist, Laboratory of Neurophysiology, National Institute of Mental Health; noon, Suite 100-101, Mezzanine, Medical Laboratories Building (Department of Pharmacology).

The Discovery of the Ice Age; Tore Frangmyr, Uppsala; 4 p.m., Alexander Vucinich Seminar Room, E.F. Smith Hall (Department of History and Sociology of Science).

21 NMR Spectroscopy of the Newborn Myocardium; B.J. Clark, assistant professor of pediatrics, noon, 404 Anatomy-Chemistry Building (Department of Biochemistry and Biophysics).

Pulmonary Disposition of Lipid Soluble Drugs in the Sheep; Ralph Howell, cardiovascular division, HUP; 12:30 p.m., Physiology Library, 4th floor, Richards Building (Respiratory Physiology Group, Department of Anesthesiology).

22 The Foreign Policy of the Netherlands; Ambassador Adrien Tieleman, Netherlands Consul General in New York; 8 p.m., Room B-3, Meyerson Hall (Dutch Studies Program).

Department of Public Safety Crime Report— Week Ending Sunday, October 12

The following report includes a weekly count of all reported crimes on campus, a listing of all reported crimes against the person(s), as well as the campus areas where the highest amount of crime has occurred that week with a listing of those crimes.

Total Crime

*Crimes Against the Person—1, Burglary—4, Theft—23, Theft of Auto—0, Criminal Mischief—10, Trespass—2

*10-08-86 9:19 AM Medical Service Dr. Employee assaulted during attempted purse theft.

Area/Highest Frequency of Crime

| Date | Time Reported | Location | Incident |
|---|---------------|-------------------|---|
| Spruce St. to Locust Walk, 34th St. to 36th St. | | | |
| 10-07-86 | 5:14 PM | Levy Park | Secured bike taken/chain cut. |
| 10-08-86 | 10:55 PM | College Hall | Bike taken from rear of building/chain cut. |
| 10-09-86 | 5:40 PM | Houston Hall | Five males arrested after breaking into coin box. |
| 10-10-86 | 3:49 PM | College Hall | Air conditioner taken from outside of building. |
| University Avenue to Hamilton Walk, 34th St. to 38th St. | | | |
| 10-06-86 | 11:18 AM | Nursing Ed. Bldg. | Dictaphone taken from unsecured lobby area. |
| 10-06-86 | 11:59 AM | Nursing Ed. Bldg. | Clock taken from secured office. |
| 10-07-86 | 9:31 AM | Nursing Ed. Bldg. | (2) calculators taken from locked office. |
| 10-07-86 | 12:44 PM | Nursing Ed. Bldg. | Tape recorder taken from locked office. |
| Locust Walk to Walnut St., 34th St. to 36th St. | | | |
| 10-06-86 | 8:32 PM | Meyerson Hall | Two males arrested for theft of cash box. |
| 10-08-86 | 1:06 PM | Meyerson Hall | Wallet taken from secured studio. |
| 10-09-86 | 11:25 PM | Meyerson Hall | Secured bike taken from pole. |
| Spruce St. to Locust Walk, 37th St. to 38th St. | | | |
| 10-06-86 | 2:00 PM | Gimbel Gym | 2 locks cut from lockers/wallets taken. |
| 10-10-86 | 5:45 PM | Lot #13 | Money taken from wallet dropped in lot. |
| Spruce St. to Locust Walk, 33rd St. to 34th St. | | | |
| 10-06-86 | 12:07 PM | Towne Building | Cash taken from desk/lock damaged. |
| 10-07-86 | 9:26 AM | Towne Building | 2 tool boxes taken from area. |

Safety Tip: Criminals find it impossible to operate in areas where everyone is involved in crime prevention. Help the Department of Public Safety reduce the opportunity for crime—get involved in crime prevention.

Deadlines

The deadline for the weekly calendar update entries is Tuesday, a week before the date of publication. The deadline for the December pullout is Tuesday, November 11. Send to *Almanac*, 3601 Locust Walk/6224 (second floor of the Christian Association).

Almanac

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