

Almanac

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Campus Center: A New 'Center of Gravity'

Though the Executive Summary takes only two printed pages in this week's *Almanac Supplement* (and the accompanying tables only four), the full report turned in by the Campus Center Advisory Committee to the President and Provost this month is 212 pages—nearly two inches thick counting conceptual sketches and analytical graphics.

The summary sets forth general conclusions about planning and operating the Center, and lists the programs it should house; their space requirements; and a timetable recommended in case the size of the project leads to phased construction.

No dollar figures are presented in this preliminary report, which the Committee recommends be followed by formation of a development committee to serve as "client" conducting further review and refinement of program plans—then commissioning an architectural competition among several firms. Last year's \$10 million pledge from Alumnus Ron Perlman of Revlon has been earmarked for the Center.

Looking at users and uses, and at the potential for linkages with other campus centers of activity, the Committee co-chaired by Dr. Stephen Gale of Regional Science and Vice Provost Kim Morrisson considered several sites and came out in favor of the 3600 block of Walnut Street (now a parking lot), and of architectural styles that carry a flavor of the traditional.

The full report leans strongly toward building a pedestrian bridge over Walnut Street, not only to link the Center itself to Annenberg Plaza but to create at the same time a stronger pedestrian link between Graduate Towers and the Locust Walk spine. The placement would also potentially make Sansom Street another "spine full of activity" analogic to that of Locust Walk, the report said.

"The Walnut Street site was selected for the new Campus Center in part for the opportunity this would give to direct the northward growth of Penn for years to come," an appendix notes. "With expanding University boundaries, an enlarged frame of reference requires a new center of gravity. In making the leap across the barrier of Walnut Street and in linking the new facility to others at Penn, existing and future paths and bridges will need to be carefully considered...." This bridge, as much as any building or space on campus, will announce the presence of the University in West Philadelphia." The report cautions that none of the sketches represent designs, but are used to present options in conception of the siting and mass. The President and Provost have asked for comment from the University community. Copies of the full report are available for examination at the Office of the VPUL, 200 Houston Hall.

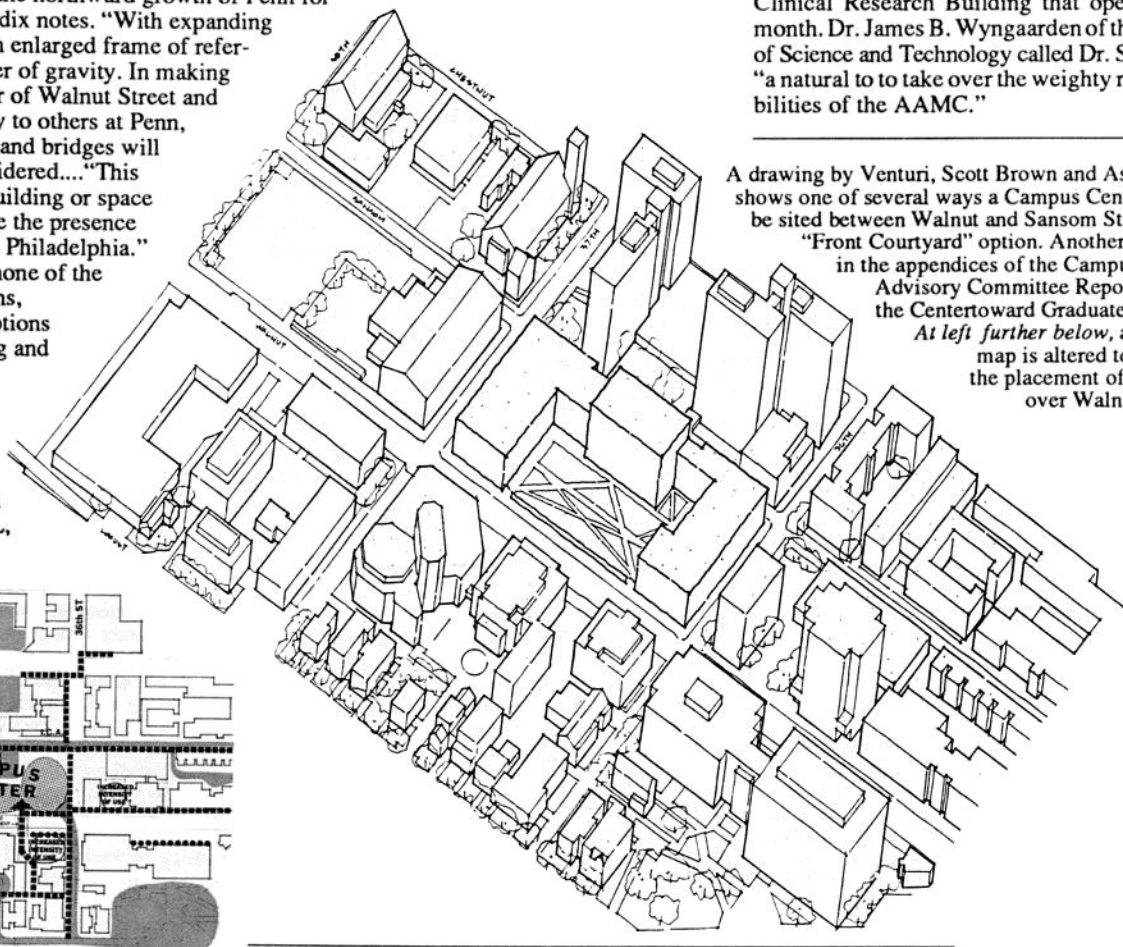
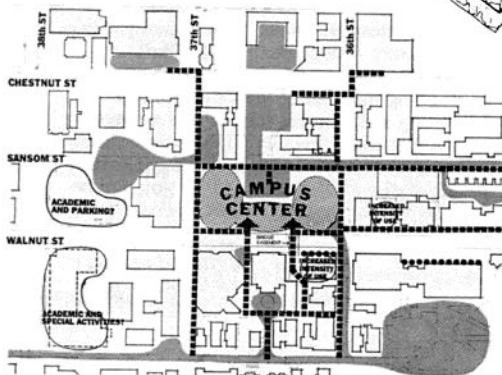
Dr. Stemmler to AAMC

Dr. Edward J. Stemmler, the Robert G. Dunlop Professor of Medicine and emeritus dean of Penn Med, will take office July 1 as executive vice president of the Association of American Medical Colleges—an association representing all 127 accredited U.S. medical schools and their students; Canada's 16 accredited medical schools; 92 academic and professional societies; and 420 major teaching hospitals including the 72 VA centers.

He will succeed Dr. John F. Sherman, the longtime executive VP who retires in June but remains as a consultant to the Association.

"Ed Stemmler is a national figure in medical affairs, and he can only enhance the ability of the AAMC to deal with the changes in medicine and their impact on medical education," said President Sheldon Hackney, citing Dr. Stemmler's achievements in curriculum change, organization of the faculty into practice groups, the development of the clinician-educator track and his role in the creation of Clinical Research Building that opened this month. Dr. James B. Wyngaarden of the Office of Science and Technology called Dr. Stemmler "a natural to take over the weighty responsibilities of the AAMC."

A drawing by Venturi, Scott Brown and Associates, shows one of several ways a Campus Center might be sited between Walnut and Sansom Streets: the "Front Courtyard" option. Another drawing in the appendices of the Campus Center Advisory Committee Report orients the Center toward Graduate Towers. At left further below, a campus map is altered to suggest the placement of a bridge over Walnut Street.



SENATE

From the Chair

The following agenda is published in accordance with the Senate Rules.

Agenda of Senate Executive Committee Meeting Wednesday, February 7, 1990, 3-5:30 p.m.

1. Approval of the minutes of January 10, 1990
2. Chair's Report
3. Nominations to Student Judicial System Hearings List
4. Motion on Morrison office break-in
5. Faculty Club and Campus Center Proposal
6. Impact of University's fringe benefits policy on research programs
7. Report of Senate ad hoc Committee to Review University Council
8. Continued discussion of Provost's ten working group reports. Guest: Paul Mosher, Director of Libraries
9. University involvement and costs in the United Way campaign
10. Council agenda February 14
11. Other new business
12. Adjournment by 5:30 p.m.

Questions can be directed to Carolyn Burdon, Faculty Senate Staff Assistant, Ext.8-6943.

Academic Integrity: Open Hearings

The Committee to review the Code of Academic Integrity solicits views from members of the University community. Two open hearings are scheduled:

Wednesday, February 7, at 5 p.m.

Thursday, February 8, at noon.

Both hearings will be held in the Ben Franklin Room, Houston Hall. In addition written comments may be sent to the Chair, Dr. David Pope, 299 TB/6315.

Dr. Cristofalo to MCP

Dr. Vincent J. Cristofalo, professor of animal biology and director of the Center for the Study of Aging, will leave Penn February 1. Dr. Cristofalo, who came to the Wistar Institute in 1963 and joined Penn faculty in 1967, will become the Audrey Meyer Mars Professor of Gerontological Research at the Medical College of Pennsylvania. He will also direct MCP's Center for the Study of Aging, and will be a professor of biochemistry and physiology. A new director for Penn's Center for the Study of Aging has not yet been named.

Speaking Out

Research Break-in

The break-in into the office of Dr. Adrian Morrison, Professor of Anatomy, School of Veterinary Medicine, University of Pennsylvania, by individuals claiming to represent the animal rights movement is the latest in a series of similar criminal acts. Certain research documents were stolen, as was a file of letters concerning Dr. Morrison's activities in defending colleagues who have also been harassed by animal activists. He has been threatened with future attacks and the privacy of his home has been invaded by members of the Animal Liberation Front (ALF). These terrorist attacks are designed to intimidate him because of the legitimate role he has taken in defense of the appropriate use of animals in research.

Dr. Morrison, as a veterinarian, has been a major force behind the humane and ethical use of animals in biomedical research for the benefit of both humans and animals. He heads the Society for Neuroscience's committee on the use of animals in research. He has helped develop guidelines that researchers can follow in the use of anesthetics, in the avoidance of pain and discomfort in experiments, and in providing laboratory animals with healthful living conditions.

He is a world authority on the nature of sleep and on the brain mechanisms that underlie it. He discovered in his animal research the phenomenon of rapid eye movement (REM) or deep sleep without atonia. As a result, this syndrome is now a recognized clinical disorder in humans. With this better understanding comes better diagnosis and treatment of patients. In recognition of his superior research, Dr. Morrison has been awarded a MERIT research grant from NIMH for 10 years rather than the usual 3-5 years, a rare honor and an expression of the high regard in which he is held by his peers.

The ALF is one of several groups whose aim is to abolish all research on animals and in pursuing this goal they have ignored the most fundamental right of our society—the right of the individual to freedom of speech. Such actions cannot be tolerated or condoned in a free society, and must be prosecuted to the full extent of the law. The public must be made aware of the danger posed by the activities of these extremist groups in attempting to discredit, by major falsehoods and distortions, the crucial role of biomedical research in the great advances of knowledge necessary for diagnosis treatment and cure of the many diseases which afflict mankind. The essential role of animals in biomedical research has been documented many times, recently by a study published by the National Academy of Sciences (1988) (*Use of Laboratory Animals in Biomedical and Behavioral Research*). Information on this subject can also be obtained from the Foundation for Biomedical Research, 818 Connecticut Avenue, Suite 303, Washington, D.C., 20006. For those citizens who choose not to be informed, but only to follow the emotional propaganda of the Animal Rights Groups, they should carefully consider the following: if animal research were halted today:

- New surgical procedures to repair congenital heart defects will have to be abandoned or tried for the first time on children.
- A cure for diabetes will be beyond reach.
- There will be no hope of finding a safe and effective vaccine for AIDS.
- The 250,000 people with multiple sclerosis will lose the promise of effective treatment for the symptoms of this progressive disease.
- Researchers will be unable to clarify the causes of Alzheimer's disease. Without that knowledge, the prognosis for the three million Alzheimer's victims will remain bleak.

These are a few examples of the areas in which research cannot be duplicated by use of computers and tissue culture; it can be done *only* with animals. Claims to the contrary are dangerously false, and have not a shred of evidence to support them. It is terribly important for this country to understand that if animal research is curtailed or abolished, the health of both present and future generations is imperiled. Responsible citizens will recognize the fallacious nature of the propaganda of these extremist groups and will condemn their illegal and terrorist behavior.

—Robert L. Barchi, M.D., Ph.D. Director,
Institute of Neurological Sciences

—Alan N. Epstein, M.D.
Professor of Behavioral Neuroscience

—James M. Sprague, Ph.D.
Leidy Professor of Anatomy

—Eliot Stellar, Ph.D.
University Professor of Physiological
Psychology in Anatomy

Invitation to a Farewell

The many friends of Shirley Winters who may not be on our department's mailing list are invited to attend a reception in her honor on Wednesday, January 31, from 4 to 6 p.m. in Alumni Hall of the Faculty Club.

Shirley is retiring after 21 years as an outstanding member of the Development writing staff. In this role, and as a longtime member of the Faculty Club's committees, she has interacted with hundreds of faculty and staff over the years. All of you will be most welcome at her farewell party.

—John Gillespie,
Director of Editorial Services
Development Office

The Form W-2 —and You

It's that time of the year again! The University has recently mailed over 20,000 calendar year 1989 W-2 Forms to our employee's home addresses as they appear on the current Payroll file (Employee Data Base). Accordingly, we believe that it is appropriate to publish an explanation of some of the amounts and other data which do or may appear on your W-2 Form in order to assist you in preparing your Federal and State Income Tax Returns for that year.

A review of your W-2 Form will indicate that there have been only a few subtle changes to the form since last year. The most significant change is the requirement to identify, on the form, amounts voluntarily contributed for Dependent Care Assistance. This will only affect those employees who elected to shelter some portion of their earnings from federal taxes in a Dependent Care account.

An explanation of which is contained in the various boxes on the form, in terms of dollar amounts, is as follows:

1. Employee's social security number : this is the number that the Federal and State Governments use to identify you with the tax returns which you file, so please review it for accuracy. If the number is inaccurate, then the University Payroll system is also inaccurate and you should contact the Payroll Office, immediately, *before* you file your returns.

2. Federal income tax withheld : this represents the amount of Federal Income tax which was withheld from your earnings during the year, and paid to the Internal Revenue Service, on your behalf, by the University.

3. Wages, tips, other compensation: this represents the total amount of Federal taxable compensation paid or imputed to you during calendar year 1989 through the University Payroll System. This amount *includes*:


- The value of your taxable graduate and/or professional tuition benefits, if you, your spouse and/or your dependent children have received such benefits;
- The value of Group Life Insurance coverage for amounts greater than \$50,000. The premium payments for this excess coverage, if any, have been included as imputed income (see Excess Insurance Premium—below);
- Certain other fringe benefits relating to imputed income are included here as well. If you have received any of these benefits you will be or were contacted individually or personally concerning their taxability.

Items which are *excluded* from this amount are:

- Tax deferred annuity contributions (i.e., TIAA/CREF);
- Health and Dental insurance premiums that have been sheltered;
- Amounts voluntarily contributed to a dependent care or medical reimbursement account.

4. Social security tax withheld: this represents the total amount of Social Security (FICA) tax which was withheld from your earnings during the year and paid to the Social Security Administration on your behalf.

5. Social security wages: this represents the total amount of compensation paid to you during calendar year 1989 which was subject to Social Security (FICA) tax, including all of your tax deferred annuity contributions and excess life insurance premiums, if applicable,

1 Control number		4 Employer's State ID number 23-1352685		OMB No. 1545-0008	
2 Employer's name, address and ZIP code THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA PHILADELPHIA, PA 19104-6284		3 Employer's identification number 23-1352685			
5 Statutory Employee		6 Allocated tips			
8 Employee's social security number ①		9 Federal income tax withheld ②		10 Wages, tips, other compensation ③	
11 Social security tax withheld ④		12 Social security wages ⑤		13 Social security tips ⑥	
14 Social security tips ⑦		15 Fringe benefits incl. in Box 10 ⑧		16 State wages, tips, etc. ⑨	
17 State income tax ⑩		18 Local income tax ⑪		19 Name of State ⑫	
20 Local income tax ⑬		21 Local wages, tips, etc. ⑭		22 Name of locality ⑮	

Wage and Tax Statement 1989
Copy 1 For State, City, or Local Tax Department or File Copy D
Employee's and Employer's copy compared. ☐ I.R.S. APP

but excluding health and dental insurance premiums and any voluntary dependent care or medical reimbursement account contributions which you have "sheltered".

6. Excess insurance premium: the Internal Revenue Service requires that the premiums paid by an employer for group life insurance coverage in excess of \$50,000 are considered as income to the employee. The amount which appears in Box 16 and labeled (B) is the value for the premiums paid for this excess insurance premium. This amount is based on an Internal Revenue Service (IRS) table which incentivizes premiums for different age groups. *This value is already included in the amount in Box 10, Wages, tips, and other compensation.*

7. Tax deferred annuity contributions: this represents the total amount of contributions made by an employee to a retirement plan on a tax deferred basis, which are reflected in Box 16 and labeled (D).

8. Dependent care benefits: this represents the total amount which you have voluntarily "sheltered" for dependent care expenses, regardless of whether you have been reimbursed by the University for the expenses associated with this "shelter" as of December 31, 1989. This amount will be preceded by the initials (DCB) (dependent care benefit).

9. Fringe benefits included in Box 10: if you have received certain fringe benefits, the value of such benefits is shown here, and is also included in Box 10, Wages, tips and other compensation. These benefits include the value of taxable graduate and/or professional tuition benefits and other benefits relating to imputed income. If you have received any of these benefits, the University has recently advised you, individually and personally, concerning their taxability; please refer to those communications specifically.

10. State income tax: this represents the total amount of Pennsylvania State Income Tax withheld from your earnings during the year and paid to the Commonwealth of Pennsylvania, on your behalf, by the University. If you do not live in Pennsylvania and if you submitted the "Employee Statement of Non-residence in Pennsylvania" form to claim exemption from Pennsylvania State Income Tax, no amount will be reflected in this box.

11. State wages, tips, etc.: this represents the total amount of compensation paid to you during calendar year 1989 which was subject to Pennsylvania State Income Tax, including all of your deferred annuity contributions.

12. Name of state: the name of the state which you have identified as your permanent residence for tax purposes.

13. Local income tax: this represents the total amount of Philadelphia City Wage tax withheld from your earnings during the year and paid to the City of Philadelphia, on your behalf, by the University.

14. Local wages, tips, etc.: this represents the total amount of compensation paid to you during calendar year 1989 which was subject to Philadelphia City Wage Tax, including all of your deferred annuity contributions.

As in prior years, the W-2 forms will be mailed, via U. S. Postal Service, to each employee's "current address", as it appeared in the Payroll system at December 31, 1989. If your address has recently changed or the address in the system is incorrect, please have your departmental administrator make the necessary corrections to your payroll record. If you do not receive your W-2 form by February 18, 1990, please contact the W-2 Office as outlined below.

When you receive your W-2 form, please review it carefully to ensure that your name is spelled correctly and that the form contains your correct Social Security number. If you feel that any of the information which appears on your form is incorrect, please review the calculations which you made in order to arrive at this determination, carefully, and compare the information on the Form with your final calendar year 1989 pay stub. If you have availed yourself of certain taxable benefits which are reported in Box 16 or Box 16a on the W-2, please review the additional information which was provided to you, under separate cover, concerning these benefits and their impact on your tax status. If, after you have reviewed your calculations and any additional information which was provided to you, you still believe that your W-2 is in error, please contact the W-2 Office at 898-0733, or write to James Curran, W-2 Office, Room 440E, Franklin Building, 3451 Walnut Street, Philadelphia, PA 19104/6284.

You should also have received, via the U. S. Postal Service, your Federal and State (Pennsylvania) Income Tax Forms and related instructions for filing. Federal tax forms are available at the Internal Revenue Service, 6th & Arch Streets, Philadelphia, Pennsylvania, and most U. S. Post Offices and banks. Pennsylvania Income Tax forms are available at the State Office Building, 1400 Spring Garden Street, Philadelphia, Pennsylvania, State Stores, and may also be obtained by writing the Department of Revenue, Personal Income Tax Bureau, Harrisburg, Pennsylvania 17129.

—Alfred F. Beers, Comptroller

The Proposed Campus Center: Faculty/Staff Interest

Last fall, as the Campus Center Advisory Committee started its work, a questionnaire was distributed in campus media (including *Almanac* September 26, 1989) asking faculty and staff as well as students to list their priorities for an all-University center. The Office of the Vice Provost for University Life, which administered the survey, tracked the answers by constituency and by publication, furnishing the table below.

The 212-page report, summarized in the pages starting opposite, contains among other things a set of analytical graphics on land use, activities clusters and traffic paths that add up to a self-portrait of Penn and the relationships of its people, programs, and remaining land.

"At the broadest scale, the users of a new Campus Center will include Penn employees and students commuting from throughout the Delaware Valley region," an appendix points out. "Surmised traffic routes and residential concentrations based on data collected from the Penn Department of Facilities Planning graphically represent both the extreme distances from which a sizable portion of the commuters travel, and the significant population in the immediate vicinity of West Philadelphia and Center City." On an accompanying graphic, the appendix (not published here, but available at the VPUL Office) shows the distribution of faculty/staff and students at right.

	F/S Students	
W Philadelphia	3050	13700
Center City	1650	1850
Main Line	1600	500
S Jersey	1000	550
Upper Darby	750	300
NW Philadelphia	700	250
Chester County	600	300
NE Philadelphia	550	350
Centr. Del. Co.	550	300
Centr. Mont. Co.	500	250
S Philadelphia	450	100
E Montgomery Co.	400	150
SE Del. Co.	400	100
Bucks Co.	250	200

Campus Center Needs Assessment Surveys—Final Tabulation

Surveys received:

Undergraduates:	55 (21.6% of those responding)
Grad/prof students:	85 (33.4% of those responding)
Faculty:	21 (8.2% of those responding)
Staff (total):	87 (34.2% of those responding)
Admin/Prof	53
Support/Tech	17
Not specific	17
Other:	6 (2.3% of those responding)
Total:	254 (98 from D.P., 70 from GAPSA Newsletter, 86 from <i>Almanac</i>)

Responses to individual items:

	Total # Responses	GAPSA & DP 83% students	<i>Almanac</i> 100% fac/staff
Food Facilities			
Banquet facilities	39 (15%)	15 (9%)	24 (28%)
Candy shop	59 (23%)	45 (27%)	14 (16%)
Catering service	32 (13%)	7 (4%)	25 (29%)
Cafeteria, self-service	*146 (57%)	*102 (61%)	*44 (51%)
Coffeehouse/cafe	*169 (67%)	*120 (71%)	*49 (57%)
Dining rooms, private	47 (19%)	21 (13%)	26 (30%)
Donut and coffee shop	117 (46%)	*85 (51%)	32 (37%)
Faculty Club dining	32 (13%)	9 (5%)	23 (27%)
Fast food	98 (39%)	68 (40%)	30 (35%)
Food court w/ seating	115 (45%)	75 (45%)	40 (47%)
Ice cream parlor	102 (40%)	78 (46%)	24 (28%)
Restaurant, full-service	100 (39%)	59 (35%)	41 (48%)
Vending machines	102 (40%)	82 (49%)	20 (23%)
Social, Cultural and Leisure Facilities			
Art gallery	108 (43%)	68 (40%)	40 (47%)
Auditorium, fixed seating	100 (39%)	62 (37%)	38 (44%)
Ballroom	44 (17%)	29 (17%)	15 (17%)
Coffeehouse with stage	108 (43%)	77 (46%)	31 (36%)
Concert hall	100 (39%)	69 (41%)	31 (36%)
Crafts center	68 (27%)	43 (26%)	25 (29%)
Dance/martial arts studio	70 (28%)	52 (31%)	18 (21%)
Darkroom	38 (15%)	29 (17%)	9 (10%)
Film screening room	102 (40%)	69 (41%)	33 (38%)
Game room (table tennis, pool, video games)	90 (35%)	74 (44%)	16 (19%)
Game room (cards, board games)	49 (19%)	34 (20%)	15 (17%)
Lecture halls/rooms	92 (36%)	45 (27%)	*47 (55%)
Multipurpose room	78 (31%)	48 (29%)	30 (35%)
Music listening room	70 (28%)	48 (29%)	22 (26%)
Music practice rooms	62 (24%)	44 (26%)	18 (21%)
Television room	74 (29%)	52 (31%)	22 (26%)
Theater with stage, raked seating	97 (38%)	68 (40%)	29 (34%)

* more than 50% of respondent pool

Retail Stores and Services

	Total	GAPSA & DP	<i>Almanac</i>
Bank (full-service)	124 (49%)	*88 (52%)	36 (42%)
Book Store (University)	*171 (67%)	*105 (63%)	*66 (77%)
Card and gift shop	*138 (54%)	*87 (52%)	*51 (59%)
Clothing store	62 (24%)	44 (26%)	18 (21%)
Computer store	74 (29%)	49 (29%)	25 (29%)
Convenience store	104 (41%)	71 (42%)	33 (38%)
Copy/printing service	112 (44%)	*85 (51%)	27 (31%)
Dry cleaner	67 (26%)	44 (26%)	23 (27%)
Florist	91 (36%)	59 (35%)	32 (37%)
Graphics Center	32 (13%)	19 (11%)	13 (15%)
Hair cutting/styling	54 (21%)	35 (21%)	19 (22%)
Hardware/housewares	35 (14%)	n/a	35 (41%)
Jewelry store	19 (7%)	9 (5%)	10 (12%)
News stand	*158 (62%)	*102 (61%)	*56 (65%)
Photo shop	103 (41%)	70 (42%)	33 (38%)
Record shop	91 (36%)	64 (38%)	27 (31%)
Shoe store	53 (21%)	31 (18%)	22 (26%)
Ticket outlet	*144 (57%)	*87 (52%)	*57 (66%)
Travel agency	78 (31%)	52 (31%)	26 (30%)
Typesetting service	20 (8%)	13 (8%)	7 (8%)
Video store	74 (29%)	50 (30%)	24 (28%)

Other Facilities

Automated teller machines	*215 (85%)	*149 (89%)	*56 (65%)
Child care center	79 (31%)	41 (24%)	38 (44%)
Computer rooms/terminals	92 (36%)	63 (38%)	29 (34%)
Fax machines	69 (27%)	41 (24%)	28 (33%)
Lockers (coin-operated)	68 (27%)	51 (30%)	17 (20%)
Lounge, general purpose	106 (42%)	78 (46%)	28 (33%)
Lounge, reception	44 (17%)	21 (13%)	23 (27%)
Lounge, study	91 (36%)	60 (36%)	31 (36%)
Lounge, 24-hour study	108 (43%)	*84 (50%)	24 (28%)
Mailboxes, off-campus students	42 (25%)	42 (25%)	n/a
Meeting rooms	41 (16%)	n/a	41 (48%)
Overnight lodging	53 (21%)	32 (19%)	21 (24%)
Ride board	92 (36%)	73 (43%)	19 (22%)
Scene and costume shop	27 (11%)	14 (8%)	13 (15%)
Student organizations, sales/info. space	65 (26%)	65 (39%)	n/a
Student organizations, offices	67 (27%)	67 (40%)	n/a
Telephones	35 (14%)	n/a	35 (41%)

Write-in Comments (frequency)

Pharmacy (10)
Health foods (5)
Health club/exercise room (3)
Post Office (7) Parking (4)
Shoe repair (5)
Recycling center (3)
Pub (4)

1990-91 Charge Schedules for PennNet Services

Valerie Glauser, DCCS Publications Manager

In March of each year for the past two years, the Office of Data Communications and Computing Services, (DCCS), has published its charge schedule for connections to PennNet, the University's computer network, and for its services for the following fiscal year. This year, DCCS's fiscal 1990-91 charge schedule is being published earlier to accommodate University organizations' budget planning cycles. It includes charges for most new services announced since the last charge schedule, as well as new prices for continuing services. The new charge schedule for ALL-IN-1 Document Transfer and Messaging Service on the "RELAY" central service computer will be published at a later date.

The PennNet connections prices are valid for the entire 1990-91 fiscal year. Prices for commercial hardware and software products distributed through DCCS are subject to change based on vendor pricing.

In the near future, this announcement will be available on NETINFO, PennNet's electronic information service.

Background

When PennNet construction was authorized, the University provided funding to establish a backbone network. This network provides points of access through wiring closets in non-residential locations throughout campus. It was then determined that the individual client would be responsible for paying for the additional cost of installation and maintenance of the electronics equipment and wiring necessary to connect to the campus backbone. The charges described here are concerned with those individual costs.

In 1988, DCCS developed a PennNet Charge Schedule to provide the flexibility to accommodate different budgetary circumstances. This schedule included a Leasing Plan enabling clients to pay one kind of monthly fee to cover DCCS's costs of operating, maintaining, and amortizing the electronic equipment that provides PennNet access. In 1989, DCCS added a new Prepayment option for clients with available grant funds, or other funding sources for one-time expenses, so that they could pay for more of their PennNet costs up front and reduce their ongoing costs of connecting to the network.

This year, DCCS has developed, in consultation with the Network Policy Committee, a new pricing strategy to spread the costs of Central Network Services more equitably among its users. Central Network Services include, among others: the Ethernet-Asynchronous gateways, Dial-in and Dial-out modem pools, network connections to external networks such as the Internet, network monitoring, and DCCS planning. Directly connected Asynchronous PennNet port users have recently been bearing a disproportionately high burden of the costs of Central Network Services. In the same interval, Ethernet port users on locally-maintained local area networks (LANs) have benefitted from access to Central Network Services without incurring any direct charge. Since Ethernet-based services and facilities are becoming more common, DCCS expects an increase in Ethernet-based connections. Thus, the new DCCS plan provides a phased approach to redistribute actual Central Network Service costs over the next four years. This year's charges reflect recovery of about 15 percent of the actual per capita cost of Central Network Services from Ethernet users.

Finally, DCCS has created a new option which provides a discount toward the Central Network Service charge for those clients who qualify to supply most of the end-user support for their network connections.

Below are the Charge Schedules for the PennNet Leasing Plan and the Prepayment Plan, followed by the Central Network Service Charges for incremental connections to DCCS-supported Ethernet connections, and charges for client-owned terminal servers. These charge schedules are followed by explanations of the terms used, including explanation of the qualifications for the self-maintenance discount for the Central Network Service charge. Finally, examples of common circumstances are offered to clarify options. You may choose whichever payment option best suits your budgetary and technical needs.

PennNet Connection Charge Schedules, 1990-91

A. Leasing Plan		
	Asynchronous	Ethernet
Average Wiring Cost (One-time)*	\$425.00	\$425.00
Total Average Installation Cost*	\$425.00	\$425.00
Connection Lease Charge	\$21.00/mo.	\$30.00/mo.
Access Credit Rate	\$5.00/mo.	\$10.00/mo.
B. Prepayment Plan		
	Asynchronous	Ethernet
PennNet Access Charge (One-time)	\$250.00	\$700.00
Average Wiring Cost (One-time)*	\$425.00	\$425.00
Total Average Installation Cost*	\$675.00	\$1125.00
Connection Service Charge	\$14.50/mo.	\$15.50/mo.
Equipment Support Period	36 Months	46 Months

C. Monthly Central Network Service Charge for Incremental Connections to DCCS-Supported Ethernet Connections:

Type of Connection	No Discount	Discount
—Single Asynchronous or Ethernet Workstation	\$ 1.50	\$1.05
—Single Ethernet connection with multiple devices "daisy-chained" through connection	\$30.00 plus \$ 1.50 per computer	\$30.00 plus \$1.05 per computer
—16-Port Terminal Server	\$12.00	\$8.40
—32-Port Terminal Server	\$24.00	\$16.80
—Ethernet-connected host computer with "n" number of terminals hard wired to it	n x \$.75	n x \$.53

Hardware and Software Maintenance Charge Schedule for Client-Owned Terminal Servers

	Annual Fee
—16-Port and 32-Port Terminal Servers:	
Premium Service Contract	\$450.00
Base Service Contract	\$150.00

* See "Additional Costs" section below for explanation of Average Wiring Costs and costs of equipment for Ethernet services.

Connection Lease Charge: This is the monthly fee if you lease PennNet services. It covers DCCS's ongoing costs of operating, maintaining, and amortizing the specific equipment needed to provide data communications services for each PennNet connection and the equipment associated with the centrally-provided network services and facilities.

Access Credit Rate: DCCS uses this rate, a portion of the monthly charge, to calculate the amount of credit applied toward the prepayment of the PennNet Access Charge if you decide to convert from leasing to prepayment after the initial installation. It is also applied if the real useful life of PennNet connection equipment turns out to be less than the Equipment Support Period.

PennNet Access Charge: This one-time, non-refundable charge prepays your portion of the cost of the electronic equipment used to provide data communications services for each PennNet connection. Prepaying the PennNet Access Charge has the effect of reducing the ongoing monthly fee from the Connection Lease Charge to the Connection Service Charge.

Connection Service Charge: This is the monthly fee you are charged if you prepay for PennNet services. It covers DCCS's ongoing costs of planning, operating, and maintaining the equipment that provides communications services for each PennNet connection and the equipment associated with the centrally-provided network services and facilities. The Connection Service Charge is less than the Connection Lease Charge because it excludes the cost of the electronic equipment amortization.

Equipment Support Period: An expected useful life is assigned to each PennNet connection. The Equipment Support Period is the time period that DCCS forecasts it will be able to maintain the electronic equipment to provide individual PennNet connections. It will determine DCCS's obligation, should maintenance of service cease before the end of the Equipment Support Period.

Central Network Service Charge: This is the monthly fee that covers the ongoing costs of planning and operating Central Network Services and Facilities. This fee is on a sliding scale designed to reflect that it is individual users who consume the central network resources. Thus school and department computers do not incur this charge unless they have hard-wired terminals or dedicated terminal servers associated with them.

The Central Network Service Charge is currently only a fraction of DCCS's actual costs of providing Central Network Services. This fraction will increase over the next four years, eventually to reflect the actual central service operating costs.

Daisy-chained Ethernet Workstations: Ethernet technology allows you to "daisy-chain" Ethernet-compatible computers from a single connection, so that clients with physically proximate computers can use one PennNet connection to connect many devices to the network.

Terminal Servers: For those clients who do not have Ethernet-compatible computers, or the hardware and software to make them so, terminal servers are a cost-effective way to provide access to Ethernet-based services and facilities from several asynchronous computers, terminals, or workstations in one area.

Premium Service Contract: This maintenance contract provides the client who owns the terminal server(s) with a loaner terminal server which DCCS Operations Staff will install when the client's terminal server must be repaired.

Base Service Contract: This maintenance contract requires the client to send its terminal server directly to the vendor for repair. No loaner equipment is provided in the interim.

Support Discount: DCCS provides a 30 percent discount on the Central Network Service costs for all connections of those clients who meet the following qualifications:

- The client must provide a single point of contact for all support from DCCS.
- The client must provide first-level end-user network support.
- There must be established a clear delineation and separation between DCCS and client-owned network electronics, particularly in the wiring closet.
- The client is responsible for the purchase, installation, operation, and maintenance of all network electronics beyond the building connection to PennNet (DCCS is willing to assist in the planning and installation efforts on a time and materials basis).
- The client must meet the standards established in "Connection Guidelines to PennNet" to be connected to PennNet.

Additional Costs

The cost of wiring PennNet outlets is not included in the PennNet Access Charge. PennNet wiring and outlets work much like those of telephones. First, they are uniform for connections to different devices. Second, as with commercial telephone wiring, clients (as individuals, offices, departments or schools) are responsible for the one-time cost of wiring a PennNet outlet where none existed.

DCCS has found that the average cost of wiring a PennNet outlet is \$425. This is an increase of \$20 from the last report, and reflects revisions that come from recent surveys of actual installation costs.

Actual individual cost can vary greatly from that average, depending on the specifications and restrictions in each building and office. DCCS Operations representatives perform a site survey and provide you a written estimate of the actual wiring costs before the work is done.

If you move office locations after having prepaid for PennNet Access, your prepayment credits are still good, and you still have access rights to PennNet. However, if your new office does not have PennNet outlets, you must assume the cost of installing the PennNet wiring. If PennNet wiring exists in the new location, you pay only for the time and materials required to activate the existing PennNet outlets for your use.

Ethernet Services

If you want connections to use Ethernet services, you need particular hardware and software to attach to the devices which DCCS provides. The costs of this hardware and software can be significant; they vary according to the services you desire and the equipment you already own. If you chose to connect your IBM PC, PS/2 or clone to PennNet Ethernet Services, DCCS supports either Ungermann-Bass Ethernet hardware and software, or Western Digital hardware coupled with FTP Software. The Ungermann-Bass equipment can be purchased through the vendor or its manufacturers' representatives.

For the Western Digital/FTP Software option, the client is responsible

for purchasing the hardware through the vendor or its manufacturers' representatives. DCCS is the site license holder for FTP Software and its support. DCCS has determined that the cost of the FTP Software site license, the supporting documentation, the diskettes, and the technical support is \$260.00 per user. Call the PennNet Service Center, 898-8171, for details about Ethernet services, hardware and software.

Converting to Prepayment From Leasing

If you decide to "convert" from leasing to prepaying for PennNet access to reduce your monthly connection charges, you receive credit toward the PennNet Access Charge equal to the PennNet Credit Rate for each month you have been billed for your PennNet connection.

For example, if you had leased an asynchronous connection for six months, and then decided to prepay for your access rights, you would be given credit for six months at \$5.00/month, or \$30 against an access charge of \$250. Thus, you would pay only \$220 for your access rights.

If you never elect to prepay for PennNet access, you still receive credit toward an automatic reduction in monthly charges. The reduction automatically goes into effect when your access credit is equal to the PennNet Access Charge. However, even if you, as a current client leasing your PennNet connection(s), take no action, DCCS will assume that you wish to continue leasing and will bill you at the Connection Lease Charge.

For example, if you lease an asynchronous connection for 50 months, you will accrue \$250 in access credit, which is equal to the PennNet Access Charge for asynchronous connections. At month 51, your monthly fee will drop to just the Connection Service Charge for an asynchronous connection.

Similarly, if you lease an Ethernet connection for 70 months, you will accrue \$700 in access credit, which is equal to the PennNet Access Charge for Ethernet connections. Again, at month 71, your monthly fee will drop to just the Connection Service Charge for an Ethernet connection.

Accommodating Changing Technology

DCCS developed the Equipment Support Period as the probable useful life of the PennNet Access Equipment. It is DCCS' intention to provide access with the current equipment for as long as possible. However, data communication technologies are advancing at a rapid rate. Changing technology is not just a likelihood; it is a certainty. Planning for and anticipating how it will change will save all of us time, money, and frustration, while taking advantage of the available technological advances.

When the time comes for your equipment to be replaced, DCCS will endeavor to offer similar options to those presented here, again to allow you maximum budgetary flexibility and control.

If you have been leasing a connection, you will be offered a replacement connection with the new, equivalent technology. You may then continue leasing your connection at the current rates at the time of the change. If you prepaid for your PennNet access, you will receive credit equal to the Access Credit Rate for each month that DCCS was unable to support the connection before the Equipment Support Period expired.

For example, if you had paid the \$700 PennNet Access Charge for 46 months of Equipment Support specified for an Ethernet connection and DCCS could support the connection for only 38 months, you would receive a credit for the remaining 8 months based on the Access Credit Rate of \$10/month, or \$80. This credit would be applied to a new PennNet Access Charge for the new supported technology.

Billing

DCCS bills clients each month by journal entry for the previous month's use. DCCS sends a copy of the journal voucher accompanied by a summary of connections and charges to the business administrator associated with the account being charged.

DCCS has been assigned budget subcode 303 for PennNet charges, including installations and monthly fees for both connections and services.

Where to Go for More Information

If you are interested in connecting to PennNet, converting payment plans, or need more information about Ethernet equipment cost itemization and availability, call the PennNet Service Center, 898-8171, or send electronic mail to psc@dccs.upenn.edu for more information.

Seed Money for Cancer Research

The University of Pennsylvania Cancer Center, through its American Cancer Society Institutional Research Grant, will provide partial support to full-time University faculty for biomedical research. "Seed Money" grants (\$5,000-\$10,000) will be awarded for the exploitation of new developments in cancer research. Applications will be judged on the basis of scientific merit and the role that research will play in obtaining peer-reviewed funding. Priority is given to faculty at the Assistant Professor level. Faculty who have previously received an ACS Institutional Research Grant are not

eligible for a second award. Awards are made for new projects that currently do not have extramural funding.

The Scientific Review Committee of the University of Pennsylvania Cancer Center will review applications and establish priorities. Interested faculty members are invited to obtain application forms and instructions from Dr. Christine Phillips, Associate Director for Research Administration, University of Pennsylvania Cancer Center, 6 Penn Tower, Ext. 7328 HUP. The deadline for applications is April 13, 1990. Awards will be for a one year period, non-renewable, and will be effective July 1, 1990.

Schedule for CRC Chargeback Services

The Computing Resource Center offers many classes and services at no charge to members of the University community. However, it does charge for rental of its training facilities, and as the site license owner, for copies of the statistical packages SAS and BMDP for DOS-compatible computers. Following are the prices and explanations of those services.

CRC Training Facilities

All CRC training facilities are available for rent to university offices and departments. However, these rentals are limited because the facilities are also used to offer the standard complement of free weekly computer training courses from CRC to the entire University community.

The CRC has three training areas—two labs and one seminar room. The Macintosh lab is equipped with 12 Apple Macintosh Plus computers connected to a file server, asynchronous connections to PennNet, and a monochrome video projector. The IBM lab is equipped with 15 IBM PS/2 Model 50 computers, asynchronous connections to PennNet, and a monochrome LCD projector. The seminar room holds 25-30 people and is equipped with a Macintosh Plus, a PS/2 Model 30, and a monochrome LCD projector.

These training facilities are rented on half and full day bases, and the fees are as follows:

	Half Day	Full Day
IBM & Mac Labs	\$250	\$500
Seminar Room	\$150	\$300

Billing is done by journal entry. For more information, call the Training Department of the CRC at: 898-9085.

SAS and BMDP for DOS Computers Software and Licenses

The CRC has been designated as the University's site license holder for the statistical packages SAS and BMDP for DOS computers. Under the vendor agreement, both of these packages are available only to faculty and staff. To obtain a copy of either package, users must do the following:

- * Borrow the master disks to copy, obtain documentation and, if necessary, other supporting software and instructions. If you are renewing your license, you need not borrow any disks.

- * Copy and return the master disks by the appointed time to avoid the lateness surcharge.

- * Pay for the software by personal check or budget code.

Charges for licensed copies of the software are as follows:

Software	License Fee	Lateness Surcharge
BMDP	\$288 (one-time)	\$100
BMDP Upgrade	\$ 50 (one-time)	\$100
SAS	\$100 (annual)	\$100

The above information is subject to change. Contact the CRC at 898-9085 for more information.

UMIS Usage and Connect Time Charges

University Management Information Services (UMIS) is currently reviewing and revising its chargeback system for usage of the administrative mainframe. UMIS is developing a new cost recovery plan that will better reflect actual consumption of mainframe resources, including administrative, operations, maintenance and development services.

Current chargeback procedures will remain in place through fiscal 1990/91. During that period, client departments will receive "sample invoices", prepared under the proposed new system, in addition to the regular monthly statements. This will enable each group to more effectively plan future budget allocations. UMIS plans to phase in the new chargeback system beginning July 1, 1991.

Current Chargeback Procedures

UMIS will prepare an estimate of projected usage for fiscal 1990/91, based on 1989/90 usage, to be sent to client departments before the end of the academic year. Each department may choose one of two options:

1. If your department agrees with the estimate, UMIS will guarantee this amount as your fixed usage charge for the next year. UMIS will journal entry your budget in July. This is a fixed annual rate. If actual usage is higher, you will not be charged. UMIS will absorb the difference. In the same respect, if actual usage is lower, UMIS will not refund the difference.

2. If you prefer, your department may determine a level of usage for the next fiscal year. UMIS will journal entry your budget for that amount in July. If actual usage is higher, you will be charged monthly for the actual usage that exceeds the original budgeted amount. If actual usage is lower, the difference will be refunded to you, in the thirteenth month.

Additional Connect Charges

For those of you who use PennNet to "dial" UMIS, there is an additional communications port charge for the actual time you are connected to the administrative mainframe. This charge is separate from what DCCS charges you for the physical, PennNet connection, and separate from what UMIS charges you for computer usage. It pays for the network equipment necessary to provide this communications option.

The communications port charges from UMIS reflect your usage of a port connecting you to the administrative mainframe. The charge is computed on a sliding scale, for each user each month, as follows:

first	5 hours	\$2.00/hour
next	10 hours	1.00/hour
next	20 hours	.50/hour
next	40 hours	.25/hour
any additional hours		1.25/hour

UMIS will journal you based on actual connect charges each month (or if the charge is very small, when the amount reaches \$25). This charge currently appears on a separate statement as "asynchronous services".

Fellowships for Research on Aging: Deadline March 1

Medical students, physicians who have completed their residency, and junior medical faculty can apply for up to two years of research training in geriatric medicine at Penn sponsored by the Hartford Foundation. Funds for stipends, travel, education and supplies are provided. Applicants should address application, letter of interest, curriculum vitae, and three letters of reference to Dr. Allan Pack, director, Hartford Fellowship Program, or Dr. Cristofalo, at the Center for the Study of Aging, 3615 Chestnut St./6006. Deadline is *March 1*.

Department of Public Safety

This report contains tallies of part 1 crimes, a listing of part 1 crimes against persons, and summaries of part 1 crime in the five busiest sectors on campus where two or more incidents were reported between **January 22, 1990 and January 28, 1990**.

Total: Crimes Against Persons-0, Thefts- 18, Burglaries-3, Attempted Thefts of Auto-0, Thefts of Auto-0

Date	Time Reported	Location	Incident
37th to 38th; Spruce to Locust			
01/23/90	5:48 PM	Vance Hall	Bike taken
01/26/90	5:54 PM	Vance Hall	Keys & ID taken from unattended jacket
01/27/90	9:41 AM	Vance Hall	Wallet taken from unattended jacket
01/27/90	12:16 PM	Steinberg Cnt	Unattended purse and contents taken
01/27/90	7:14 PM	Phi Delta Theta	Bike seat taken
34th to 38th; Civic Center to Hamilton			
01/22/90	9:29 AM	Med Educ Bldg	Cash and stamps taken
01/24/90	11:00 PM	Anat-Chem Wing	Microwave oven taken
01/25/90	10:04 AM	Medical School	Wallet & contents taken
38th to 40th; Baltimore to Spruce			
01/25/90	8:30 AM	Veterinary School	Construction equip. taken from room
01/25/90	11:37 AM	Veterinary School	Construction equip. taken, basement
01/25/90	7:34 PM	Chi Omega	Bike taken
36th to 37th; Spruce to Locust			
01/22/90	11:52 PM	Steinbrg/Dtrich	Wallet taken from knapsack
01/26/90	2:50 AM	Steinbrg/Dtrich	Unattended wallet taken
37th to 38th; Locust to Walnut			
01/22/90	1:49 PM	Bookstore	Unattended backpack taken
01/24/90	10:03 AM	Psychology Labs	Animals taken from secured area

Safety Tip: A criminal's best weapon is surprise. Reduce your chances of becoming a victim by taking precautions and being alert. Notice who is around you, which way you can run and where you can get help. Don't be surprised, be prepared.

18th Police District

Schuylkill River to 49th Street, Market Street to Woodland Avenue
Reported crimes against persons from **12:01 AM January 15, 1990, to January 21, 1990**.

Total: Incidents- 18, Arrests-6

Date	Time	Location	Offense/Weapon	Arrest
01/15/90	1:15 PM	4232 Pine	Rape/strong-arm	No
01/15/90	7:15 PM	4400 Osage	Robbery/strong-arm	No
01/16/90	7:48 PM	200 42 S.	Robbery/strong-arm	Yes
01/16/90	9:08 PM	4500 Baltimore	Robbery/strong-arm	No
01/16/90	11:15 PM	3400 Market	Robbery/strong-arm	No
01/18/90	2:52 PM	3400 Market	Robbery/strong-arm	Yes
01/18/90	10:05 PM	4400 Market	Robbery/gun	No
01/19/90	12:00 AM	217 S. 49	Robbery/strong-arm	No
01/19/90	4:50 AM	4300 Woodland	Robbery/screwdriver	Yes
01/19/90	9:30 AM	4200 Locust	Purse snatch/strong-arm	No
01/19/90	2:40 PM	3311 Chestnut	Aggravated assault/knife	No
01/19/90	8:45 PM	4405 Chestnut	Robbery/knife	No
01/20/90	1:56 AM	3600 Sansom	Robbery/strong-arm	No
01/21/90	10:30 AM	3600 Locust	Robbery/strong-arm	No
01/21/90	7:58 PM	100 S. 34	Robbery/strong-arm	No
01/21/90	7:30 PM	4715 Springfield	Robbery/knife	Yes
01/21/90	7:30 PM	4715 Kingessing	Robbery/knife	Yes
01/21/90	7:35 PM	4504 Regent	Robbery/knife	Yes

Update

JANUARY AT PENN

TALK

30 PEN at Penn Lecture Series; Mary Gordon, author of *In the Company of Women, Men and Angels, Final Payments, and The Other Side*; 4 p.m., Room 17, Logan Hall (PEN at Penn).

Deadline: For Update: Mondays a week before each issue goes to press. For the March at Penn pullout calendar, the deadline is February 13. Copy must be in writing (by mail, fax or e-mail, addresses below).

Change of Library Hours

In response to a number of requests from users, we changed the Van Pelt/Lippincott opening time to 8:30 a.m. on weekdays. Because of very low use on Friday evenings, we will be experimenting with an 8 p.m. (rather than 10 p.m.) closing during the spring semester. If we find that this results in major inconvenience to users, we will re-evaluate Friday hours in the fall.

—Patricia Renfro
Associate Director of Libraries

Occupational Safety Seminar

A seminar on *Occupational Exposure to Bloodborne Pathogens*, mandated by OSHA and CDC recommendations, will be given by the Office of Environmental Health and Safety in the Medical School on the following dates:

Date	Time	Location
Feb. 5	10-11:30 a.m.	J.MorganBldg., CI of '62 Lecture Hall
Feb. 8	2-3:30 p.m.	J.MorganBldg., CI of '62 Lecture Hall
Feb. 13	11-12:30 p.m.	CRB Ground floor Lecture Hall
Feb. 14	10-11:30 a.m.	J.MorganBldg., CI of '62 Lecture Hall

This program is designed to help protect personnel from occupational exposure to bloodborne pathogens such as the hepatitis B virus and the human immunodeficiency virus. Information pertaining to the safe handling of infectious agents will be presented.

Information regarding free hepatitis B vaccination for all eligible personnel (faculty, research technicians, research specialists, research assistants, support staff) will be available. To register call Denise, Ext. 8-4453.

Almanac

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