

# Computerization:

## Pattee updates information access system

By KIM BOWER  
Collegian Staff Writer

Computers are making the card catalogs at Pattee Library a thing of the past. Suzanne Striedieck, chief of bibliographic services, said the Library Information Access System has been expanded to include computer terminals that provide easy access to the library's main computer system.

The card catalog at Pattee has been compressed to make room for two computer terminals that were installed Friday, Striedieck said. More terminals will gradually be added to Pattee, the branch libraries and to the Commonwealth campuses during the semester.

Any library user will be able to use the terminals, which make locating information much easier, she said. Use of the system is encouraged because the most complete and current information is there, Striedieck said.

Persons using the system are able to search for authors, subjects, and books by pressing function keys, rather than typing commands. This makes the terminals easier to use. The computer matches the search term, and then shows citations and bibliographic records, and the status of specific books, Striedieck said.

"It's quicker, it's more complete

information and much more up-to-date," she said. Before this system was introduced, a person may have had to go to the card catalog or to the Computer Out Microfiche (COM), walk to the stacks and finally travel to lending services to find a book that may or may not have been in the library. The computer consolidates the entire process.

**'We hope that the students and faculty will be as enthusiastic about it as we are.'**

Suzanne Striedieck, director of bibliographic services

The COM, which will be kept as a backup for the computer system, was a bridge to prepare people for the terminals. The computer is more up-to-date because the COM is only produced every two months, she said.

The library stopped adding cards to the card catalog in January 1981 to begin the conversion to the new system. The card catalog will be related until all the information in it is put in the new system.

Brochures will be provided for students to help them learn how the system works. Instructions are also posted at the terminals, Striedieck said. A person using the system can direct their questions to staff assistants or on-line help.

The access system also contains an "Oops" command that allows users to inform the library of mistakes in the listings.

The library has been working on the system since the mid-70s, Striedieck said, but the public did not have access to it before now. "We're really excited about this because it's a key point in a long process. We hope that the students and faculty will be as enthusiastic about it as we are," Striedieck said. The system will continue to be enhanced in terms of the information available to users, she said. For example, they may add a "key word access," which would list more books in a subject area. In the next year, it will be possible to find books that are on order through the system's acquisition system. The data base will also continue to expand, Striedieck said. "We will be demonstrating to students as part of our instructional program," she said. However, students should not be nervous about using the system without instruction and they should not be afraid to ask questions, she said.

# ARHS helps students find shelter

By GAIL JOHNSON  
Collegian Staff Writer

The Association of Residence Hall Students can help those hoping either to buy or sell dorm contracts. As one of its services to students, ARHS acts as an intermediary for buying and selling dorm contracts, said Jennifer Gould, vice-president of ARHS.

By contacting the ARHS office, in 101A HUB, students can obtain lists of other students who want to get in or out of the dorms, she said.

"This service is offered to students on a continuous basis," Gould said. Although up-to-date lists are always available at the office, she said, it is easier to buy and sell contracts at certain times of the year.

The dorm contract service began as a response to a real student need, Gould said. She explained that the organization provides a place for students to get information on who is buying and selling as well as how to go about buying or selling a contract.

To use the service, students must complete an information card stating whether he or she is buying or selling a contract. All of these cards are kept on file at the ARHS office and are available to students using the service.

Although ARHS makes the lists available, it does not handle any of the actual communication, Gould said. It is up to the individual to get in contact with prospective buyers or sellers.

"Quite a few students take advantage of this service," Gould said, which makes it a worthwhile project for ARHS. "Matching up students who want to get in or out of the dorms" is a service that many students benefit by," said William Mulberger, manager of the Room Assignments Office. He added that students who buy dorm contracts are automatically placed in temporary housing.

Gould said spaces in permanent housing that become available when a contract is sold are filled by those in temporary housing on a first come first serve basis. To take advantage of the ARHS contract service, Gould recommends stopping in at the ARHS office or calling 865-9882.

tion card stating whether he or she is buying or selling a contract. All of these cards are kept on file at the ARHS office and are available to students using the service.

Although ARHS makes the lists available, it does not handle any of the actual communication, Gould said. It is up to the individual to get in contact with prospective buyers or sellers.

"Quite a few students take advantage of this service," Gould said, which makes it a worthwhile project for ARHS.

"Matching up students who want to get in or out of the dorms" is a service that many students benefit by," said William Mulberger, manager of the Room Assignments Office.

He added that students who buy dorm contracts are automatically placed in temporary housing.

Gould said spaces in permanent housing that become available when a contract is sold are filled by those in temporary housing on a first come first serve basis.

To take advantage of the ARHS contract service, Gould recommends stopping in at the ARHS office or calling 865-9882.

Walck contacted Stewart's and was told that in order to retrieve the car, a fee of \$40 would have to be paid. Walck refused to pay and proceeded to file a complaint with the State College police.

When contacted, Herbert Stewart said a man named Steve Beahm had called his business and asked him to remove the car from the stall. Stewart also said the man was at the car at the time of the towing.

Walck, a member of the board of directors at United Federal Savings, said no such call was made and no one by the name of Steve Beahm is employed with the business.

"It was a prank," Stewart said.

# Charges filed against Stewart's Towing

By K.L. KANE  
Collegian Staff Writer

Charges filed against Stewart's Towing, RD 1, Bellefonte for allegedly removing a legally parked car are expected to be received by District Attorney Robert Mix this morning, District Magistrate Clifford Yorks said.

Before any legal action can continue, the charges must be approved by the District Attorney's office, Yorks said.

The complaint charges that the service towed a legally parked car from a rented stall at the rear of 116 E. Beaver Ave., adjacent to Highland

Alley. The stall is rented from United Federal Savings, 122 E. College Ave., by Maryann Lutz of Lewisburg.

Lutz, an employee of Bell of Pennsylvania, 224 S. Allen St., had left her car overnight on Aug. 20 in the rented stall. When Lutz returned the next day, she found the car missing.

The woman, with the aid of Bell manager J. C. Walck, notified the State College Police Department which informed her that the car was towed to Stewart's after the service had received a call from a man claiming to be the property manager of United Federal Savings, Walck said.

Walck contacted Stewart's and was told that in order to retrieve the car, a fee of \$40 would have to be paid. Walck refused to pay and proceeded to file a complaint with the State College police.

When contacted, Herbert Stewart said a man named Steve Beahm had called his business and asked him to remove the car from the stall. Stewart also said the man was at the car at the time of the towing.

Walck, a member of the board of directors at United Federal Savings, said no such call was made and no one by the name of Steve Beahm is employed with the business.

"It was a prank," Stewart said.

# Dorm overflow:

## Temporary housing numbers higher than average

By GAIL JOHNSON  
Collegian Staff Writer

An estimated 573 men and women are now living in temporary housing at the University, the manager of the Room Assignments Office said. William Mulberger said the figure is slightly higher than the average of 510 students without permanent housing each fall. He said that it is difficult to determine the number of students who will be placed in temporary housing each year.

The Room Assignments Office must predict how many students are going to cancel out each year

prior to the beginning of Fall Semester. If fewer students than are expected drop out, the overflow must be placed in temporary housing, he said.

"Every area but West Halls contains people in temporary housing," Mulberger said.

West Halls is not usually used for temporary housing because of the small number of study lounges available and because of the small size of the lounges, he said.

However, because of the greater need for temporary housing this year, the Room Assignments Office is using lounges in Simmons and

McElwain halls. "These halls are not normally used since they already hold a higher percentage of students in small double and triple rooms," Mulberger said. He added they will have first priority in clearing out temporary housing space for the same reason.

The numbers of students that can be housed in each lounge are determined according to size by the Room Assignments Office.

Mulberger said the number of permanent housing spaces that become available depends on the number of students in permanent housing who drop out.

In an emergency situation, up to 900 students could be placed in temporary housing by utilizing study lounges in all dorm areas. A situation such as this, although it has occurred in the past, is rare, Mulberger said.

"I sense that this will be extremely important matter in the coming years," Klein said.

In his closing address, Klein said that fraternities should do all they can to rid the system of the last vestiges of hazing. He also added that fraternity members should make efforts to improve their grades.

Several fraternities charged students for admission to parties over the summer. They will have hearings before a seven member board of the Control Committee for breaking a state law.

On the subject of charging, Sharpless said, "Charging is completely illegal and should never happen."

Also, a new tailgating area for student organizations has been set up off of Porter Road near the University's track stadium. Permits for these areas are required but that space is particularly reserved for that group. Permits can be completed up to a week in advance of the game, said Doug Sinclair, Executive Vice President of the IFC.

# Fusion may ease energy dilemma

By MARK WARRINGTON  
Collegian Staff Writer

Fusion is the next big energy source of the future, an associate dean for research in the College of Engineering said in a lecture Saturday.

Edward Klevans explained that fusion is the forced bonding of two atoms together to create energy. The bonding involves deuterium atoms that are isotopes of hydrogen and are plentiful in sea water, he said.

Because no radioactive waste is produced, fusion is more attractive as an energy source, Klevans said. In sharp contrast, fission reactors, which are in wide use today, produce tons of radioactive waste each year.

Although research in this field has been going on since the early 1950s, "we would be kidding ourselves if we thought we could achieve fusion before 2020," he said.

Klevans said one of the problems faced by researchers is that to reach a "break-even point" where the amount of energy that goes into the system is produced by the system, deuterium must be heated to a temperature of 100 million degrees on the Kelvin, the absolute temperature scale.

Klevans said although heating something to the required temperature is possible, retaining it is "the hard part."

Even if the reactor would stay at the high temperature, the deuterium will only fuse "one in every hundred collisions." One way to increase

efficiency and to raise energy output is to use a mixture of deuterium and tritium.

Tritium is a radioactive substance that can be produced from lithium, a naturally occurring element, and is a "low biological hazard," Klevans said. Scientists are working toward tritium-deuterium reactors, but all fusion experiments now use deuterium-deuterium reactors.

Several experimental fusion reactor exist and the most promising reactor is the Soviet-designed Tokamak reactors that the United States has been using since 1969. Klevans said although no machine has achieved scientific break-even, he expects that it will be achieved by 1986.

Klevans said, the government has recently cut research funding to fusion research causing progress in this field to slow down.

# Fraternities advised to initiate good relations at first IFC meeting

By FELICIA ROSEN  
Collegian Staff Writer

At the first Intrafraternity Council meeting held last night, outgoing adviser and Assistant Director of Student Activities, Melvyn Klein said the fraternities should take the initiative to maintain peace with the borough, its citizens and the law.

"I sense that this will be extremely important matter in the coming years," Klein said.

In his closing address, Klein said that fraternities should do all they can to rid the system of the last vestiges of hazing. He also added that fraternity members should make efforts to improve their grades.

Several fraternities charged students for admission to parties over the summer. They will have hearings before a seven member board of the Control Committee for breaking a state law.

On the subject of charging, Sharpless said, "Charging is completely illegal and should never happen."

Also, a new tailgating area for student organizations has been set up off of Porter Road near the University's track stadium. Permits for these areas are required but that space is particularly reserved for that group. Permits can be completed up to a week in advance of the game, said Doug Sinclair, Executive Vice President of the IFC.

goal is to have the Council be a voice for all fraternities and the meetings to be a sharing experience. "I would like the Council to provide more leadership development," she added.

Another new member to the IFC Executive Board is Martin Sharpless, a fifth year Architecture major and a member of Alpha Chi Rho fraternity, located at 425 Locust Lane.

The purpose of the Board of Control is to ensure that all the safety laws for fraternity houses and bylaws are enforced, explained Adam Levinson, IFC President.

Bylaws include noise and litter violations, the mention of alcohol on party fliers and the charging of money at fraternity parties.

Several fraternities charged students for admission to parties over the summer. They will have hearings before a seven member board of the Control Committee for breaking a state law.

On the subject of charging, Sharpless said, "Charging is completely illegal and should never happen."

Also, a new tailgating area for student organizations has been set up off of Porter Road near the University's track stadium. Permits for these areas are required but that space is particularly reserved for that group. Permits can be completed up to a week in advance of the game, said Doug Sinclair, Executive Vice President of the IFC.

**CLASSES BEGIN IMMEDIATELY**

PREPARE FOR:

MCAT • DTA • LSAT • GMAT • GRE  
SPEED READING

GRE PSYCH • GRE BIO • PCAT  
OCAT • VAT • MAT • SAT • TOEFL  
MSKP • HMB I, II, III • ECFMG • FLEX • VQE

NDB I, II • NPB I • NLE

Flexible Programs & Hours

Join our classes now to prepare for Fall '83 exams.

Call for details  
Days, Evenings, or Weekends.

Suite 320  
444 E. College Ave.  
State College, Pa.  
238-1423 16801

**Stanley H. Kaplan**  
EDUCATIONAL CENTER  
TEST PREPARATION  
SPECIALISTS SINCE 1958

**THE TRAINYARD**


*Otobes*

Monday & Wednesday  
Nights

9:00 p.m.

No Cover

**PRESENTS**

**Beat the Tax Bite**  **11% on TSA and IRA**

with VALIC's fixed annuity

- Available as IRA or payroll deduction TSA for PSU employees
- No sales charge
- No current taxes on deposits or earnings
- Principal and benefits guaranteed
- Variable accounts also available (stock, bond and money market funds)

For further information on the Fixed Account and current prospectuses on the Variable Accounts call:

John Wolanski 238-0143 or T. Bryant Mesick 237-0586



Reg. \$1.39  
**NOW ONLY \$1.19**

**RUFFLES®**  
BRAND POTATO CHIPS  
8 OZ. PKG.

Murphy's puts the CRUNCH on inflation!

G.C. Murphy Co. 131 S. Allen St.  
Mon. & Thurs. to 9, Tues., Wed. Fri. 9 to 7, Sat. 9 to 5:30



**BRIARWOOD APARTMENTS**

DON'T GET CAUGHT WITHOUT AN APARTMENT!

HURRY! JUST A FEW TOWNHOUSES LEFT. AS LOW AS \$113.75 per person

CALL NOW!

681-B Waupeleton 938-7134

M.F. 9-6 SAT 1-5

**TUBBIES Water Beds**

2231 E. College Ave., State College, PA 16801 814-234-4566

**Water Bed Crash Pad**

Complete Water Bed Includes: Frame, Liner, Heater

**\$159.95**

**Classic Water Bed Mattress Kit Sale**

Includes: Mattress, Heater, Liner, Fill & Drain Kit

**\$109.95**

**CLASSIC**  
L.A. BUCKLE COMPANY

**When it comes to travel WE MEAN BUSINESS!**

The world's largest independently-owned travel agency in America... that's us! And we put our buying power to work for our business customers. With 200 offices coast-to-coast, Ask Mr. Foster can offer you the best travel values all across the nation... and all over the world.

Ask Mr. Foster Travel Service was founded in 1888... and we have grown steadily over the years based on our proven integrity and service. Today we serve many of the largest "blue chip" companies and the list is growing rapidly every day.

Call us today for the best deals going in business travel and group travel.

**Ask Mr. Foster**  
Travel Service 220 Calder Way 237-6501

Come see us for:

- Spring Break Package Deals
- Interview Trips
- Air Reservations
- Train Reservations
- Hotels, Cars, Cruises

**WE OFFER \$24,000 TO START... \$40,000 AFTER JUST FOUR YEARS.**

**BEEN OFFERED ANYTHING BETTER YET?**

Lots of people don't realize how much money the college graduate can make as a commissioned officer (Nuclear Program) in the U.S. Navy. College Juniors and Seniors can also receive \$3,000.00 per month until graduation if they join us.

**TECHNICAL MANAGEMENT.** Managerial and Technical responsibilities.

**NUCLEAR POWER INSTRUCTORS.** BENEFITS. 30 days paid annual vacation. Free medical/dental care, low cost life insurance, many more tax-free incentives.

**NAVY NUCLEAR POWER PROGRAM**

P.O. Box 946  
Harrisburg, PA 17109  
800-682-7818

**FINANCIAL ASSISTANCE**


FOR QUALIFIED MEN AND WOMEN

- SCHOLARSHIP PROGRAMS
- COLLEGE PROGRAMS
- TWO, THREE OR FOUR YEARS

**DIAL... 865-NAVY**

**NROTC**

EDUCATION FOR NAVY AND MARINE CORPS OFFICERS



CLICK! CLICK!

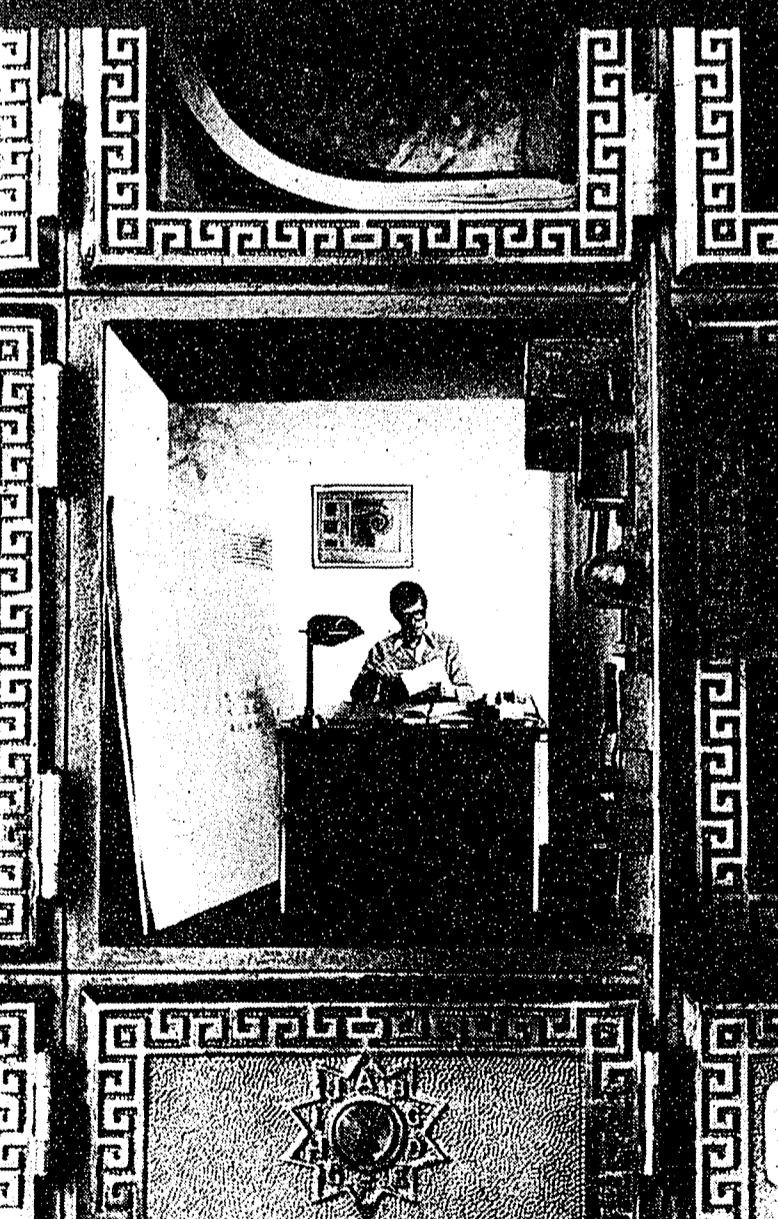
LA VIE 1984

**LA VIE** is looking for talented photographers for the 1984 staff. Must be experienced in black and white photography and have knowledge of darkroom procedures. Applications are available in 209 HUB.

**STOP BY 209 HUB**

Applications must be submitted by Sept. 5, 1983.  
**LA VIE 1984: A tradition growing with Penn State**

**When it seems like you need your own little office...**




**U.S. Post Office Boxes are now available starting at \$10.**

**A Post Office Box—for the most important mail in the world—yours!**

There are now two offices for your convenience.

237 S. FRASER STREET and 202 CALDER WAY 238-2435



**Parker presents 2500 chances your father never had.**

**10 Grand Prizes.** A Texas Instruments 99/4A home computer system worth \$1,995.00.

**500 Second Prizes.** A Texas Instruments 99/2 basic computer worth \$99.95.

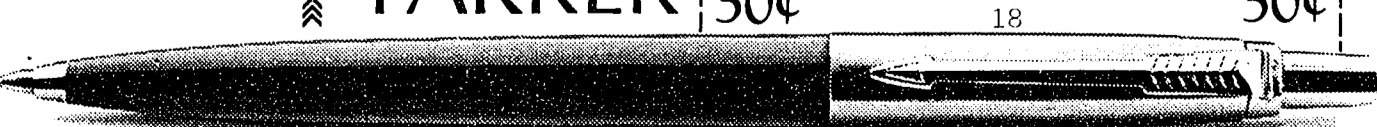
**2000 Third Prizes.** A Texas Instruments student math calculator worth \$25.00.

Enter the Parker Top-of-the-Class Sweepstakes and you could win something that can give you a real advantage in life. Your own Texas Instruments computer. While you're at it, pick up something better to write with, too. A Parker Jotter ball pen. Its microscopically-textured ball grips the paper to help prevent messy blotting and skipping. And it writes up to five times longer than most ball pens. Look for sweepstakes entry forms and details at your college bookstore. But do it soon. With over 500 computers to win, this is one sweepstakes worth entering! While you still have the chance.

**Save 50¢ on the Parker Jotter ball pen or Jotter pen and pencil set or Parker Roller Ball pen.**

**PARKER**

Save 50¢ 18 Save 50¢



To enter the Parker Top-of-the-Class Sweepstakes, no purchase necessary. Void where prohibited. All entries must be received no later than October 15, 1983. ©1983 PARKER.