12-The Daily Collegian Friday, Jan. 7, 1983 Research continues for herpes immunization

Continued from Page 1. "About the only thing Acyclovir does is reduce the amount of time the sores are present. None of these drugs prevent recur-

rences. You can't eliminate latency," Dougherty said. He explained that the body has a natural immunity to the virus. A vaccine would only

add to the existing immunity. "The common cold sore is a herpes infection. In a sense that is a natural immunization. Tricky thing about this virus is that it comes out in the presence of active immunity It's tricked your immune system," he said. Despite the skepticism, however, Merck, Sharp and Dohme Research Laboratories o West Point, Pa., have developed a vaccine consisting of the outer protein shell of the herpes organism. A spokesman for the laboratory said that a part in the protein triggers an antibody response to combat the invading

Later this month, the vaccine will be administered to 500 volunteers at the Seattle, Washington Herpes Research Clinic. The spokesman said the volunteers are considered highly susceptible to contracting the virus because they are spouses of herpes victims.

Research at Merck, Sharp and Dohme, the spokesman said, began 10 years ago, focusing on the link between herpes and cervical cancer. Similarly, Acyclovir was developed out of the need to protect cancer and organ transplant patients. The special drugs these patients require completely compromise the body's immune system creating a haven for the virus. At least 5,000 such immuno-compromise patients die each vear as a result Burroughs Wellcome does not claim the

drug as a cure. It is highly effective in seeping the virus in remission or a latent

234-4SUB

state. Researchers say the drug kills only those cells infected with the virus, thus killing the virus, and is effective in routing 90 percent of the virus.

Three forms of Acyclovir have been developed: a topical ointment, a sterile powder which when put into solution is applied intraveneously, and an oral capsule. The U.S. Food and Drug Administration approved the mar-

Medical science is frustrated by the virus's latency characteristic – the ability to go into hiding when conditions do not favor its reproducing activity.

keting of the ointment last March. The ointment, marketed under the name Zovirax, speeds the healing of, and kills the live virus in the sores. Approval of the other two forms is pending

An ad in at least two issues of the fashion magazine Cosmonolitan has also received the FDA's attention. The ad, run by a company called Herpend pictures a woman in bed, alone, presumably with a recurrence of herpes sores, saying, "Herpes won't make me lonely again!" The ad claims capsules of Butylated Hydroxytoluene (BHT) inactivates herpes simplex virus type II. BHT is not approved for the treatment of herpes "We are beginning to see a lot of this sort of

thing," said the FDA's public affairs specialist Fave Peterson. "They (compliance division of the FDA) are in the beginning stages of planning a strategy to deal with this problem. Herpend is one that will be contacted.'

she said. Research is being conducted on BHT and a patent was granted on a formula to Kieth Pharmaceuticals, a Miami-based drug manufacturer. The company is a joint venture with professor Wally Snipes, a university microbiologist, and Alec Kieth, a former university faculty member. Snipes said research on BHT was conducted at the university and it holds the liscensing rights to the

Snipes said the formula, a topical ointment

of BHT and mineral oil, is "most effective in

the prodromal stage." This is the stage just

before the lesions break out, he said, and is

characterized by an itching and burning

sensation. "In most cases it prevents lesions

Snipes said although the FDA has not

approved the drug there are at least five or

"BHT is in the clinical stage of devel-

opment with human subjects,"said Alec

Kieth. "We do eventually hope to get FDA

approval and begin marketing the formula."

known for its development of time release

drugs. Kieth Pharmaceuticals developed a

way to administer nitroglycerine, which is

used to treat angina, in a time-released for-

mula. Because the drug is absorbed so rap-

idly by the body, prior to the formula angina

444 East College Ave.

State College,

(814) 238-1423

PA 16801

Snipes said Kieth Pharmaceuticals is also

from developing," he said.

six companies marketing it.

doses of nitroglycerine into the blood stream at regular intervals. About the capsules being marketed by Herpend, Kieth said, "They're violating FDA and patent laws but we will not exercise any legal activity until we have developed our

drug. Kieth said the \$16.95 and \$20 price tags for Herpend capsules and other BHT drugs "are a rip off." He said BHT is relatively inexpensive to produce and can be sold for \$2 or \$3. "Besides, all the evidence shows that oral

forms of BHT have no effect," he said. Efforts to reach Herpend, located in residential district of San Francisco Calif., were nconclusive. Meanwhile researchers at the University of Helsinki, Finland, trying to develop a male

contraceptive have discovered that gossypol a cotton seed oil extract, is effective in nhibiting herpes simplex virus type II. However funding for the research by the U.S. Agency for International Development was terminated in April 1981.

'We were looking at gossypol as a spermicide for use in foams and gels," said agency medical officer Jim Shelton. He said that although the agency was not primarily interested in gossypol as a herpes treatment, "it is not uncommon to test these things against the variety of organisms."

Shelton said the research results are inconclusive on both applications of gossypol. "People are not as excited about gossypol as a treatment for herpes as they were," he said. While the agency cut its funding of the research, the Ford Foundation is still committed to another 18 months and a total of \$180,000 for the University of Helsinki's gossypatients had to take ten to 15 tablets a day to pol research, said the foundation's assistant

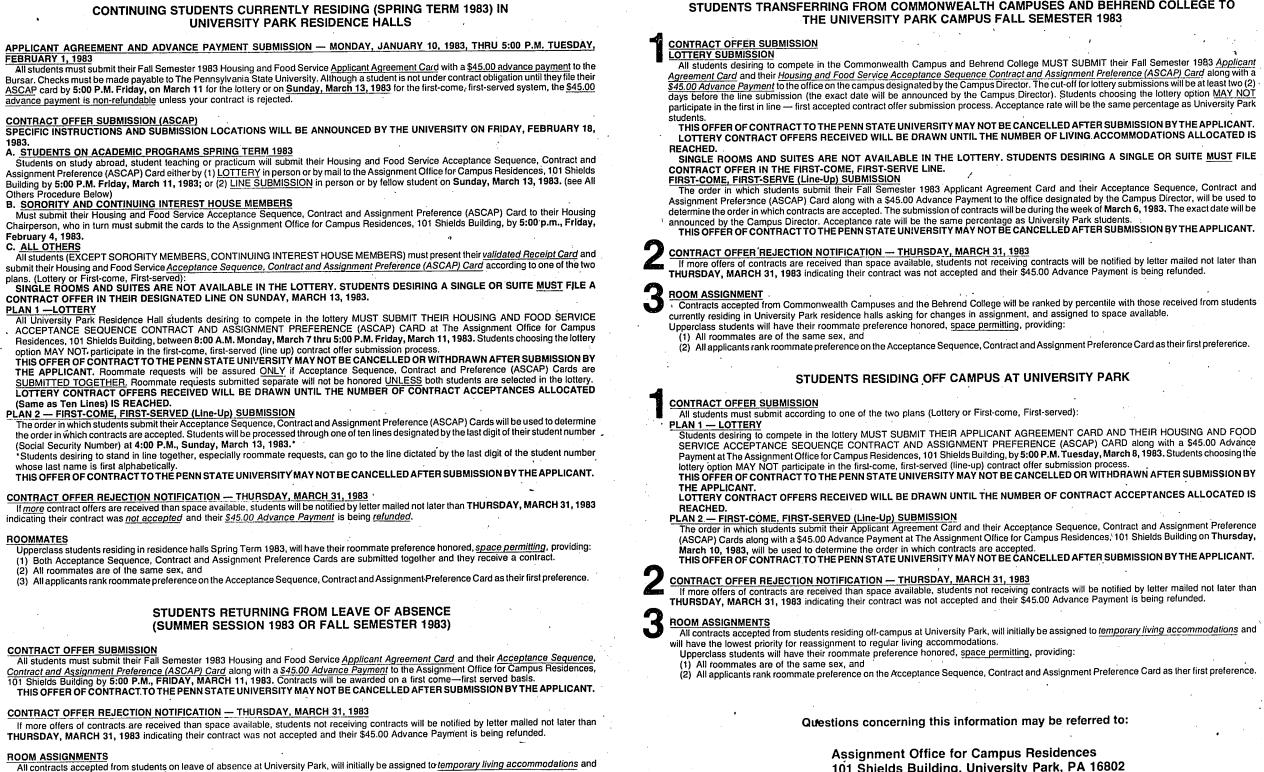
maintain the necessary level of the drug. The grants administrator, Tim Rice. He said PREPARE FOR MCAT-LSAT-GMAT 44th Year PENN STATE SUB SHOP SAT·ACT·DAT·GRE·CPA Permanent Centers open Opportunity to make up missed lessons. days, evenings and Low hourly cost. Dedicat Voluminous home-study full-time staff Complete TEST-N-TAPE® materials constantly updated by researchers facilities for review of FREE DEL class lessons and supple expert in their field. mentary materiáls. Classes for Spring exams start soor 8:00a.m. MCAT 12:00 noon Jan 21 GRE GMAT Feb, 6 6:00 6:00 Feb. 7 SAT Feb. 5 8:00a.m March 20 5:30p.m. <u></u> Λ Stanley H. Eleanor Coburn

INSTRUCTIONS/INFORMATION FOR SUBMITTING HOUSING AND FOOD SERVICE CONTRACTS FOR UNIVERSITY PARK CAMPUS FALL SEMESTER 1983

KAPLÁN

TEST PREPARATION

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will have the lowest priority for reassignment to regular living accommodations. Upperclass students will have their roommate preference honored, space permitting, providing:) All roommates are of the same sex. and (2) All applicants rank roommate preference on the Acceptance Sequence, Contract and Assignment Preference Card as their first preference.

funding was for the drug's application as a company developed a skin patch that releases spermicide only. Rice said the initial excitement over gossypol has subsided though research is still in the test tube or "in vitro' While drug concerns and university labs

are running the chemical race, a State Col-

lege nutritionist, Lorrie Kernshaw, is treating

"One of my clients came in with herpes and

wanted to know if the there was anything I

could do about it. So I said, 'Let's give it a

groups of 10 to 12 herpes victims with a diet

plan containing food virussides.

shot,' " said Kernshaw, whose office is at 1125 S. Atherton St. "I knew it was a virus and I knew that lycine was already in the diet plan. So I gave them a whole diet plan to follow in which I implemented other food virussides," she said. Kernshaw, a University medical dietician and nutrition graduate, worked for 10 years

as a nurse and two years in understudy of preventive medicine. She said the diet worked very well and kept the virus in remission for about a year. This is when she began a study of the effects of certain diets on herpes using about 40 of her regular clients. She said she needs between 50 and 100 volunteers for a more meaningful study. The problem with diet therapy, she ex-

plained, is that the patient has to stay with the plan, which may mean a complete change in lifetime eating habits. With Kernshaw's nutrition therapy, BHT and acyclovir, the outlook for controlling the virus is less bleak. Once herpes invades the

body, it remains permanently and when it goes into latency it is virtually inacessible. Vaccines being tested by Merck, Sharp and Dohme will be effective only in those who do not yet have the virus which, perhaps in the future, may mean children.

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STUDENTS TRANSFERRING FROM COMMONWEALTH CAMPUSES AND BEHREND COLLEGE TO

All students desiring to compete in the Commonwealth Campus and Behrend College MUST SUBMIT their Fall Semester 1983 Applicant Agreement Card and their Housing and Food Service Acceptance Sequence Contract and Assignment Preference (ASCAP) Card along with a \$45.00 Advance Payment to the office on the campus designated by the Campus Director. The cut-off for lottery submissions will be at least two (2) days before the line submission (the exact date will be announced by the Campus Director). Students choosing the lottery option MAY NOT participate in the first in line - first accepted contract offer submission process. Acceptance rate will be the same percentage as University Part

SINGLE ROOMS AND SUITES ARE NOT AVAILABLE IN THE LOTTERY. STUDENTS DESIRING A SINGLE OR SUITE MUST FILE

Assignment Preference (ASCAP) Card along with a \$45.00 Advance Payment to the office designated by the Campus Director, will be used to determine the order in which contracts are accepted. The submission of contracts will be during the week of March 6, 1983. The exact date will be announced by the Campus Director. Acceptance rate will be the same percentage as University Park students.

STUDENTS RESIDING OFF CAMPUS AT UNIVERSITY PARK

compete in the lottery MUST SUBMIT THEIR APPLICANT AGREEMENT CARD AND THEIR HOUSING AND FOOD SERVICE ACCEPTANCE SEQUENCE CONTRACT AND ASSIGNMENT PREFERENCE (ASCAP) CARD along with a \$45.00 Advance Payment at The Assignment Office for Campus Residences, 101 Shields Building, by 5:00 P.M. Tuesday, March 8, 1983. Students choosing the HIS OFFER OF CONTRACT TO THE PENN STATE UNIVERSITY MAY NOT BE CANCELLED OR WITHDRAWN AFTER SUBMISSION BY

PLAN 2 — FIRST-COME, FIRST-SERVED (Line-Up) SUBMISSION The order in which students submit their Applicant Agreement Card and their Acceptance Sequence, Contract and Assignment Preference (ASCAP) Cards along with a \$45.00 Advance Payment at The Assignment Office for Campus Residences 101 Shields Building on Thursday, (ASCAP) Cards along with a \$45.00 Advance Payment at The Assignment Office for Campus Residences 101 Shields Building on Thursday, (ASCAP) Cards along with a \$45.00 Advance Payment at The Assignment Office for Campus Residences 101 Shields Building on Thursday, (ASCAP) Cards along with a \$45.00 Advance Payment at The Assignment Office for Campus Residences 101 Shields Building on Thursday, (ASCAP) Cards along with a \$45.00 Advance Payment at The Assignment Office for Campus Residences 101 Shields Building on Thursday, (ASCAP) Cards along with a \$45.00 Advance Payment at The Assignment Office for Campus Residences 101 Shields Building on Thursday, (ASCAP) Cards along with a \$45.00 Advance Payment at The Assignment Office for Campus Residences 101 Shields Building on Thursday, (ASCAP) Cards along with a \$45.00 Advance Payment at The Assignment Office for Campus Residences 101 Shields Building on Thursday, (ASCAP) Cards along with a \$45.00 Advance Payment at The Assignment Office for Campus Residences 101 Shields Building on Thursday, This OFFER OF CONTRACT TO THE PENN STATE UNIVERSITY MAY NOT BE CANCELLED AFTER SUBMISSION BY THE APPLICANT.

Questions concerning this information may be referred to:

101 Shields Building, University Park, PA 16802 Telephone (814) 865-7501

sports.

Cagers face St. Bonaventure

Penn State looks to keep perfect conference slate

By TONY SMITH Collegian Sports Writer

It is also associated with confer-

ence play in collegiate basketball.

Many conference teams play each

other in January, and the Atlantic

The men's basketball team (8-

4), coming off of an 84-67 win over

Atlantic 10 opponent George

Washington, plays another confer-

1:30 tomorrow afternoon.

ence opponent, St. Bonaventure at

In fact, the Lions play seven

conference games this month, in-

cluding one at Duquesne Monday

night and a home game against

With respect to the league stand-

ings. Penn State has gotten off to a

good start. They are 2-0, including

an impressive 78-69 defeat of St.

Before the George Washington

game, however, the Lions were

not in the best of shape. They had

lost three of their last four games,

ncluding a 22-point loss to the

But now the Lions are back to

winning ways. Or at least that is

what Penn State Coach Dick Hart-

er would like to think after Tues-

day night's victory over George

"It's the best we've looked since

the St. Joe's game," Harter said.

"We were in control of the

(George Washington) game. It

was one of those nice games to

coach where it seemed like no

matter what you did, you stayed

with a lot of talent. but not a lot of

experience. St. Bonaventure has

slightly more experience with four

The Bonnies were 6-3 before

George Washington (5-4), led by

ahead by a little bit.'

seniors and three juniors.

West Virginia on Thursday.

Joseph's on Dec. 14.

Florida Gators.

Washington.

10 Conference is no exception.

"St. Bonaventure is a better January. Often associated with team," Harter said. "And certainsnow. cold. and wind — not to ly at their best they're going to mention the beginning of the new really play. One thing the Lions will have

did

going for them is depth. Although Mike Lang, Dick Mumma, David Griffin, Alex Agudio and Jim Forian started Tuesday night. Harter has nine or 10 people who can be either start or come off the bench

battle than George Washington

without hurting the team. Against George Washington, the players on the bench accounted for 46 of the Lions' 84 points, led by Rich Fetter with 18.

"I was very happy with Rich Fetter," Harter said. "Other than the St. Joe's game, I'd say it was the best game he's played. I was very happy with Dwight Gibson and Craig Collins; I thought they played very good defense. And Terry Graves did an awful lot of nice things." Graves, who came off the bench

to contribute nine points and 10 rebounds in Tuesday's game, comnented on the Lions' depth. "Everybody on our bench is very good," the 6-7 freshman for-

ward said. "They just have to get a chance to get in the game and prove it. The more time you get, he better vou become." CAGER CORNER: Forward Tom McCluskey, who reinjured is right knee during Christmas

break, could be out of action for about three weeks, according to Harter . . . Tuesday night's game marked the first time that freshman Matt Moser has gotten into the scoring column for the Lions. Moser, a 6-8 center, hit two free throws with 28 seconds remaining.

St. Bonaventure will be playing lantic 1 game tomorrow . . . The Lions and Bonnies didn't play each other prior to 1980, when St. Bonaventure topped Penn State, 89-75 . : . Last year, the Lions beat the Bon-Monday night's game against Da- nies, 64-53 ... Two years ago, St.

vis & Elkins, and Harter expects Bonaventure topped Penn State, them to give the Lions more of a 89-75.

Herbert against another star

Lady cagers face Connecticut in player-of-the-week matchup

By JOHN SEVERANCE **Collegian Sports Writer**

When the women's basketball team (9-3) takes on Connecticut (4-5) at 7:30 tommorow night in Rec Hall, it will be the second straight game that two conference playersof-the-week will be facing each oth-

Two days ago against Fairfield, Penn State center Kahadeejah Herbert, Atlantic 10 player of the week, was matched up against 6-4 giant Katrina Fields, Metro-Atlantic player of the week.

"Katrina won the battle of statistics, but Kahadeeiah and Cheryl wore her down," Lady Lion Assistant Coach Bob Foley said. "Katrina comes to play every night, but Fairfield's problem is that they don't have that tall forward to help her out in the scoring department.

pick up the shooting slack." Tomorrow night, Herbert will be Stags with a 19-0 run midway matched up with the Big East play- through the second half. er of the week Leigh Curl, who is

Photo by Micah Grabenstei

averaging 14.2 points per game. Other Lady Huskies to watch for include guards Cathy Bochain and Sandy Gavin, who both average in double figures. Along with Curl on back into the game at 55-52. Portfrontline, Connecticut Coach Jean Balthaser will start freshmen Peggy Walsh and Mary Ellen Lang- the Lady Stags scoreless for seven field. All three of Connecticut's frontliners stand over six feet tall. The Lady Huskies had their threegame winning streak snapped by New Hampshire 76-65. Connecticut

was in the game for the first 30 minutes, but a five-minute dry spell did them in as New Hampshire pulled away to put the game out of reach. While the Lady Huskies had a ons. On the other hand, Louise tough time of it in their game with Leimkuhler, Carol Walderman, and

They totally depend on Katrina. We New Hampshire, the Lady Lions Annie Troyan have been in horrid are lucky that we have Cheryl to received a scare from Fairfield, shooting slump. In the last game

Penn State's Annie Troyan (22) reaches for Fairfield's Chris McGuinness as Lady Lion Carol Walderman scrambles to get off the floor in action



Marcus Allen

record during this strike-interrupted season, best in the American Football Conference. They will have the home-field advantage as long as they stay alive in the playoffs. Their firstround game at the Los Angeles Coliseum will be played this Satur- day against the Cleveland Browns. who were 4-5 during the regular

Allen finished as the NFL's leading scorer with 14 touchdowns for points. He was the first nonkicking rookie to lead the league in scoring since Gale Sayers accomplished the feat with 22 touchdowns in 1965.

Allen, a 6-foot-2, 210-pounder who set an NCAA record by rushing for 2,342 yards at Southern Cal in 1981, finished fourth in the NFL in rushing this season with 697 yards on 160 carries. Eleven of his touchdowns came on the ground. He also had 38 receptions for 401 yards and three TDs.

Had the season gone the normal 16 games, he almost certainly would have rushed for more than 1.000 yards and probably would have had over 60 receptions.

"There is no question that God blessed us by giving us Marcus Allen," said Coach Tom Flores of the Raiders. "Marcus is best described as a winner. He has added who many thought wouldn't be to the quality of our team and fast enough to be a star in the organization with his multitude of



Allen outstanding offensive rookie

LOS ANGELES (AP) - Marcus Allen heard the talk that he wouldn't be as effective in the National Football League as he was as a collegian at Southern Cal. It didn't bother him. Fact is, it fired him up.

"I never had any doubts," said the sensational rookie running back this week. "If anything, I think it gave me more incentive to do well. I was confident. I knew I could play.'

So did the Los Angeles Raiders, who selected him in the first round of last spring's NFL draft after he won the Heisman Trophy as college football's outstanding performer in 1981.

Although a lot of so-called experts didn't think so at the time, that pick turned out to be a stroke of genius.

Allen, only the third running back (behind Atlanta's Gerald Riggs and Minnesota's Darrin Nelson) and 10th player taken overall in the draft, was a unanimous selection as The Associated Press' outstanding offensive rookie, it was announced yesterday. Considering Allen was third in

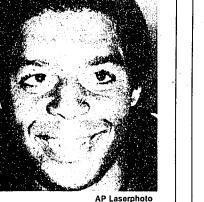
the NFL's Most Valuable Player voting and was the only first-year performer to be named as an All-Pro, his being picked as the top rookie on offense was a foregone conclusion.

"It's one of your personal goals at the beginning of the year," said Allen of his latest award. "But quite frankly, I forgot all about personal goals. To be honest, I just wanted to come in and start, that was my No. 1 goal. "I was more concerned with helping the team win. Not to be-

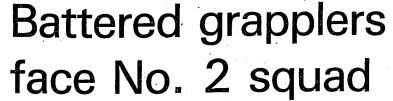
little the award, of course, but it's more important to have the respect and admiration of your teanmates "I've been getting a lot of the

credit, which most running backs do. When you look at the job I've done, a lot of credit should go to the offensive line, the receivers and the blocking backs.' Thanks in great part to Allen,

NFL, the Raiders posted an 8-1 talents and unselfish attitude."



13 The Daily Collegian Friday, Jan. 7



By ANDRIJA SILICH Collegian Staff Writer

It would take a strong performance for the wrestling team to defeat second-ranked Iowa State, but it will take something short of a miracle for the battered and bruised Lion squad to upset the Cyclones who are now 6-0. 'Penn State Coach Rich Lorenzo

and his squad will be hoping for such a miracle when the Cyclones invade Rec Hall at 8 tonight. Iowa State was ranked second in

the country in the pre-season polls. and has retained that ranking through the first five weeks of the season. But Lorenzo feels the second-place ranking may not be praise enough for Coach Harold Nichols and his Cyclone team. Now in his 30th year at Iowa State, Nichols owns a career record of 452-75-16 and has coached six national championship teams.

"Iowa State is just plain awesome," Lorenzo said. "They are one of the best teams in the country. They have experience, proven veterans and will be legitimate contenders for the national championship.

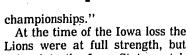
"They have the potential to be the best dual match team in the country," he said. They are the best balanced team we've faced that have so much quality. The key to their success is that

they are a very experienced team, and their wrestlers are not simply All-Americans but they are seasoned All-Americans. "They have no youngsters," Lo-

renzo said, "they are all pretty seasoned and have been around the game for a great while. Earlier this season the top ranked Iowa Hawks came to Rec Bevilacqua who is coming off of a

first loss 34-9. And Lorenzo feels the Iowa State team will be just as strong as the Hawks were.

many All-Americans if not more, Lord (8-4). but they have no recent



going into the Iowa State match they have several key injuries. At 118 pounds, possibly the only weight class in which the Lions

might be favored, Carl DeStefanis who is undefeated in dual matches will take on Rick Bartolo (0-1). At 126 pounds Penn State's All-American Scott Lynch will sit out with a strained muscle in his rib cage, so Scott Webster will face the Cyclone's Kevin Darkus who was the runner-up at nationals last year and is 16-1 this season.

Iowa State's Joe Gibbons, per haps their best wrestler is injured and will not make the trip. Instead, Stewart Carter (13-3) will try to handle Penn State's Bill Marino.

Lion Co-Captain Bob Bury will try to hand Randy Conrad (13-0) his first loss of the season in the 142-pound match.

Although each Penn State wrestler will have his hands full, probably the biggest challenge will be at 150 pounds, where Lion Eric Childs will mix it up with Nate Carr. Carr, a product of Erie, Pa. is a two-time national champion, and holds a perfect 16-0 record this vear

"(Carr) is one of the toughest I've seen in a long time." Lorenzo said. "He's very explosive and tenacious.'

At 158 pounds Penn State's promising freshman greg Elinsky has undergone knee surgery to repair torn cartlidge in his left knee. He will be lost to the Lions for the remainder of the season and will be redshirted. As a result, the Lions will wrestle either Chris Hall and handed the Lions their knee injury or Jim Clauss, against Cyclone Murray Crews who is 1-0-1 this season.

Lion sophomore Eric Brugel "They are just as strong as (167), who seems to be gaining Iowa's team if not stronger," Lo- more and more self confidence as renzo said, "and they have as the season goes on, will face Jim

Please see Matmen, Page 14.

before finally subduing the Lady

With the score 45-35, Head Coach **Bene Portland took out her starters** because according to her, they weren't doing anything. With her substitutes in. Fairfield climbed land reinserted her starters who responded with a 19-0 run and held minutes. The Lady Lions went on to win 80-57.

"I think the kids were embarassed last night," Foley said. "They didn't play as well as they usualy do. However, they did play defense when they had to."

The past few games Herbert and Chervl Ellison have been carrying the offensive load for the Lady Liwith the Lady Stags they shot a combined 9 for 32, which comes out to a measly 28 percent.

"Everybody goes through slumps," Foley said. "I'm not worried about these three at all, because they are veteran ball players. In Carol's case, the last three games they were overplaying her defensively. In the first two games, they were playing a diamond and one defense on her and last night they were playing a triangle and two. Carol just gave herself up."

Portland's and Foley's main goal for tomorrow night's match is to play a full game of good basketball and to get Leimkuhler and Walderman back on the shooting track.

"We're just driving for 40 minutes of solid basketball," Foley said. Later on this year, the Lady Lions have games against nationaly ranked Tennessee, South Carolina, Cheyney, and Rutgers.



Wednesday night. The women's basketball team faces Connecticut at 7:30 tomorrow night at Rec Hall