12—The Daily Collegian Monday, Dec. 8, 1986

Research

Continued from Page 1 Resources Research Institute and the through research grants." Institute for the Arts and Humanistic Studies, as well as several informa- tracts and other funds range from Some proposals submitted by profestion-sharing consortiums with indus- federal agencies and industry to the sors (in the College of Science) are tries, are also part of the University's Department of Defense and the Na- done with professors in other coloverall research network, he said. tional Endowment for the Humani-leges," Zimmerman said, adding that Bernadine Prince, manager of rela- ties, Hosler added. tions for the Campaign for Penn Zimmerman said such sources are ground on the researchers, specific

expand this research network. \$12.9 million to enhance academic support 90 percent of all the basic Zimmerman said. "Projects can ofprograms and support new initiatives university research that goes on in ten be very interdisciplinary." in instruction and research, \$9.3 mil- this country." search is a major part of the overall faculty."

goals. curiosity.

"When we talk about research, several deans. we're talking about someone's curios- "A professor will develop a propo- can be teaching in the last decade." ity - someone who has questions that sal and send it to the Army, National "Here, in an English class, you can are burning a hole in his or her head," Science Foundation or any other be taught by a professor who has Zimmerman said. "What is it, for sponsor of research," Hosler ex- written novels and can teach from the or makes this reaction go?"

research, the support of graduate high rejection rate when they are has researched or discovered some-

is really the support of graduate answer them?' ... 'Will the project grams, including the Applied Re- students," he said. "Several thou- lead to some significant research?" search Lab, the Environmental sand graduate students are supported "Most proposals are turned in by a

chairs and academic programs, re- entrepreneurship and talent of the education

single professor, but we also have a The sources of these grants, con- lot of collaborations and team efforts. proposals usually include back-

State, said a large portion of the vital because universities no longer project plans and a proposed budget. campaign money will be used to have the funds to support an exten- "We have statisticians working sive amount of research. "In most with the medical school and biochem-"We've identified six areas of need cases today, you can't research un- ists working with people in the animal for the campaign, including \$57.5 less you get money from the govern- physiology department on fertilizamillion for endowed faculty chairs, ment, for instance. Federal agencies tion problems in cattle, for instance,"

Zimmerman and Hosler said the lion for library needs, and \$52.6 mil- "Each professor is an entrepre- knowledge accumulated and enthulion in construction funds for neur," Hosler said. "We have profes- siasm exhibited by professors inacademic facilities," Prince said. "In sors here that bring in more money volved in research directly benefits all areas, and more specifically in than all the bowl games put together. both graduate and undergraduate those areas for endowed faculty Research support all depends on the students by improving the quality of

"Students are dealing with people The process of receiving grants and in the classroom and in the lab who Leonard N. Zimmerman, associate signing contracts is a competitive are on the frontiers of their fields," dean of research in the College of process that usually involves devel- Hosler said. "Today, fields - even in Science, said research stems from oping proposals for individual re- the social sciences and history - are search projects, said Hosler and advancing so rapidly that if (a professor) is not on top of things, he or she

Compatibility with virtually all IBM PC[®] software instance, that makes this tree do this plained. "They then will rate it standpoint of being an author. You Dual speed processing that offers a response time up to 60% faster than the IBM PC/XT⁴. through a process called peer review. can be taught by someone who has Hosler said that although curiosity It's a highly competitive process." written a book rather than just read And up to 20 megabytes of storage is often a major motivating factor for Zimmerman said proposals have a it," Hosler said. "The professor who

students is the primary goal. "Re- reviewed by panels. "Members of the thing will always have more to share search provides intellectual support panel want to know, 'Is he asking with his or her students.... This for professors, but the principal thing important questions and will his plan makes an education more valuable."

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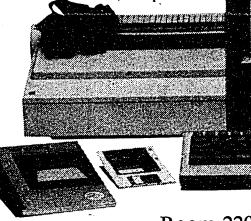
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Prescription drug use studied 65 years old, with a single income about health and well being, aimed By SHELLY NAPOLI of \$12,000 or less or a combined at discovering how well respon-

Collegian Staff Writer

Three University researchers in the College of Human Development received an additional \$220.000 from a Philadelphia-based medical charity trust to continue statistical analysis concerning prescription

drug use among the elderly. The team — Frank M. Ahern, a research associate in the College of Human Development; Michael A. Smyer, associate professor of human development; and Daniel J. Lago, research associate in human development --- have been working of Aging to fine-tune the Pharmaceutical Assistance Contract for the Elderly, known as PACE. Ardella Darlington, assistant director for PACE, said the program, started in July 1984, allows the state's elderly to receive discounts on prescription drugs.

PACE recipients must be at least

income of \$15,000 or less, Darling- dents are able to take care of ton said.

such as insulin and drugs approved tion at substantial discounts.

medication, such as aspirin, are the state's Department of Health, not made available under the PACE program, Darlington said. Since the summer of 1984, University researchers have been conducting a random survey of 1,800 people that provides numbers of current PACE users, as well as estimated numbers of potential and ineligible recipients of the state program. The additional \$220,000 funding

survey respondents for two more years.

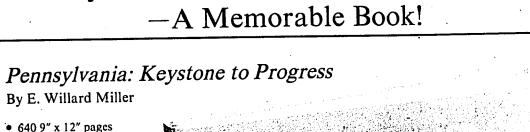
The survey included questions

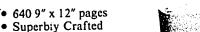
The Keystone State's Commerce and Industry

themselves, Lago said. The first The PACE card allows partici- stage of research, the three-year pants to receive prescription drugs survey, is being completed and the research findings are expected to by the Food and Drug Administra- be published sometime this week, he said. Discounts on over-the-counter Clova Hess, a spokeswoman for

said that the cost of the state-run program has reached about \$300 million since it began in 1984. Lago and his colleagues said they hope their research will help the Department of Aging "better understand the characteristics of using the program, and the effects of the program on the participants' long-term well-being." The effective use of medications should help people live in their homes instead of depending on institutional programs, Lago said,

will allow researchers to track adding that overall public expenditure would be reduced.





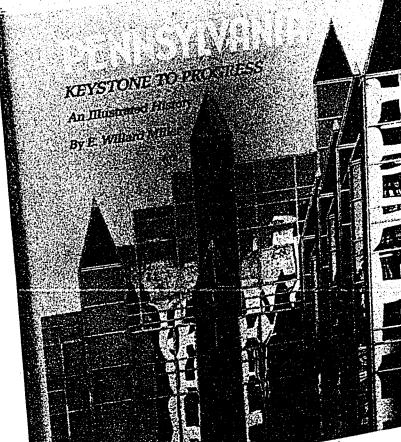
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Cagers self-destruct, drop 74-70 decision to Loyola

By MARK ASHENFELTER Collegian Sports Writer

Tony Ward was feeling sick from the start and the feeling became contagious for the men's basketball team yesterday at Rec Hall. Ward, the team's starting point guard, was limited to just 14 minutes of action and the Lions' offense took on a sickening appearance down the stretch. The Lions watched an 11-point lead evaporate in less than six minutes, as Loyola of Maryland charged to a 74-70 victory in front of 2,005 fans in the Lions' home opener. It was Penn State's second straight loss after winning the AMI Classic in Miami last weekend.

Penn State had a 40-32 lead at halftime as the team hit on 57 percent of its shots. The figure dropped to 43 percent after intermission, a fact that didn't surprise Head Coach Bruce Parkhill. "We sure didn't look like we were ready to play," he said. "When we came out at halftime I was really concerned. They just didn't look like they were ready to play, for whatever reason." Parkhill isn't sure what caused the Lions' lethargic performance, but he knows what did the team in. Tom Hovasse and Paul Murphy, normally two of the Lions' most dependable shooters, combined to hit just six of 21 shots on the day. Mike Peapos tried to pick up the slack inside, but his 18 points weren't enough to carry the club.

Penn State was also outrebounded, 35-34, despite the fact that not a single Greyhound player was taller than 6-5. Carl Chrabascz led the Lions with eight rebounds, Ed Fogell added six and Peapos five for the Lions.

But it wouldn't have mattered if the Lions had maintained the shooting touch they had late in the first half. The Lions started the game slowly. and then put on a furious charge to build a 40-32 lead at the half. They led by one, 29-28, with 5:18 left, but Hovasse added five points, while Peapos and Chrabascz added four each down the stretch to build the lead.

After intermission, however, the Greyhounds started running right past the Lions. Loyola took a 45-44 lead on David Gately's 15-foot jumper with 15:48 remaining, but a Murphy jumper put the Lions back in front. Peapos then scored 10 of the Lions' next 16 points as they built a 62-51 lead with 8:06 remaining.

Things quickly went downhill after that, as the absence of Ward began to take its toll. The Lions got sloppy and didn't score again until Peapos' follow-up shot boosted their lead back to five with 4:51 left. Peapos, however, picked up his fourth foul 29 seconds later and was done for the day. "I think we had a bit of a lapse defensively," Parkhill said of the Greyhounds' run. "I think Lovola hit a couple of big shots and kind of snuck their way back into it . . . On the other end, we

weren't doing a whole lot offensively.' Parkhill called Ward to his side late in the game, and sent him back to the bench. Parkhill said he only needed one look to tell that Ward was in no shape to help the Lions.

But Penn State still had a few chances to make Ward feel better down the stretch. Loyola took the lead for good, 69-68, on Byron Allmond's layup with 2:51 remaining. Murphy missed the front end of a one-and-one with 1:12 left and Mike Iuzzolino couldn't connect on two jumpers down

the stretch. It was a sweet victory for Greyhound Head Coach Mark Amatucci. He wasn't pleased with his club in the first half, but said it did everything he wanted down the stretch.

Penn State's Mike Peapos reaches for the hoop for two of his 18 points yesterday against Loyola of Maryland at Rec Hall. Despite Peapos' stellar performance, the Lions still dropped a 74-70 decision to the Grevhounds.

Lady cagers earn split at weekend tournament on the boards to the tune of 43-29.

By MARK FURRY **Collegian Sports Writer**

the Illini Classic. The Lady Lions got they were fired up." Louisville and Holy Cross. The loss guards, McConnell, Faloon, Shelly was the Lady Lion's first and puts the Caplinger. team's record at 2-1.

was truly a nail-biter. The Lady tipoff when the score was 0-0. Illinois Lions were losing the entire way until scored the game's first basket and late in the second half. With 5:38 left, never surrendered the lead. Lisa Faloon hit a jumper that gave Penn State was down by 10 at the | lacqua's Invitational title record Penn State a lead it would never half, 42-32, but could not get closer. elinovish.

Lions iced the game with free-throw half, as Illinois turned it on to assure shooting. Faloon and Vicki Link both the victory. final five minutes.

With 53 seconds left and Penn State leading 70-68, the Huskies called timeout. Washington's Lisa Raschkow had two chances as the clock ticked off, but missed both attempts from the floor. Fortunately for Penn State, Christmas came early. The Lady Lions hit 10 of 15 from the line, while Washington enjoyed only one good foul shot

Penn State was led by Faloon, who scored 20, and Link, who had 22. The weekend was a milestone for Link she reached the 1000 career-points plateau. Suzie McConnell, the assist machine, dished out 12 of those.

"Our big kids didn't post up until

Friday's game against Washington Lions tied Illinois once - before the

The Lady Lions scored just one point

halves

tough on the road."

scored 15. McConnell continued her unselfish ways, dishing off 13 assists. Illinois was led by Jonelle Polk, who was named tournament MVP. Polk, a 6-foot-3 center, scored 32 points against the Lady Lions, going 13 for 20 from the field. She also had 10 rebounds. Polk scored 34 against and Virginia on his road to the title. Eastern Michgan the night before. Before anyone begins blowing taps | eight seconds remaining to win a 10-9 it was 1-1 late in the third period.

By ANN GARRETT and ARK S. MCWHIRTER Collegian Sports Writers

After two full days of wrestling and more than 630 individual bouts, the 14th annual Penn State Invitational ended with three Lions capturing individual titles and four finishing in second place.

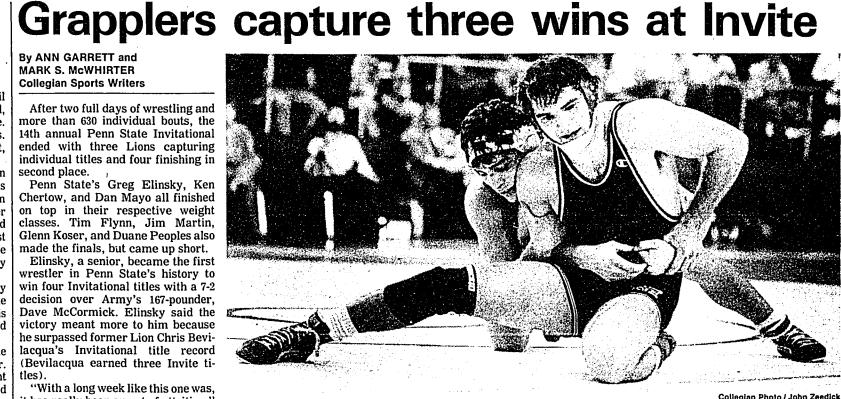
Penn State's Greg Elinsky, Ken Chertow, and Dan Mayo all finished Elinsky, a senior, became the first wrestler in Penn State's history to In Saturday's contest, the Lady | win four Invitational titles with a 7-2 decision over Army's 167-pounder Dave McCormick. Elinsky said the victory meant more to him because he surpassed former Lion Chris Bevi-(Bevilacqua earned three Invite tifles).

> "With a long week like this one was, it has really been an act of attrition, performance after competing three times in four days. "Then again think it's understandable because if you look at it logically, every match starring at the lights for a good part point was awarded to Mayo for riding to go ahead by two. Martin promptly

'lf you look at it logically, every match helps.'

Greg Elinsky Elinsky, who has won two titles at

from Cornell, Millersville, Maryland, Chertow scored a takedown with dragged along at a very slow pace as



of the first period and had a 5-0 lead at its conclusion. Chertow came back to life in the Gonzalez down twice in each. With about as close as one can get to a less than 10 seconds remaining in the takedown but the referee said Flynn match and losing 8-9, Chertow scored did not have control. a takedown to secure the win. "I made a mistake falling behind

early, I tried a move I usually try,' Chertow said. "The first time I almost got it and the second time he both 158 and 167, defeated opponents caught me on it." The only other Lion to come out on top was Mayo at 177. Mayo's match

takedown."

time.

Going into this weekend's action, Head Coach Rene Portland was concerned with her team's inside game. for the Lady Lions, remember that decision over Montclair State's Pete Mayo took Maryland's Steve Peperak versial call near the end of his match Penn State were Koser at 150, losing That concern was justified: Washing- Penn State still has not had the serv- Gonzalez. Early in the first period, down with 30 seconds remaining to go at 118. Early in the third period, to Indiana University's Scott Duncan

23, and Illinois destroyed Penn State is still recovering.

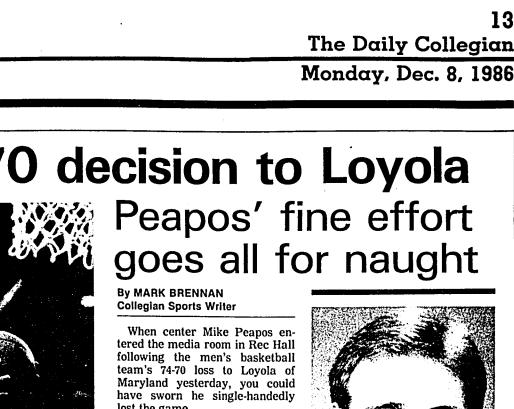
late in the game," Portland said, The Lady Lion basketball team commenting on the Illinois game. traveled to the University of Illinois "All the pressure was on the guards. this weekend and took second place in I'll give them (Illinois) a lot of credit, past defending PAC-10 champion One of the reasons Penn State is in Washington 70-68, but ran into an trouble inside is that Bethany Collins improving Illinois squad Saturday. is still not completely recovered from The Lady Lions lost to the Illini 88-70. shoulder surgery. The 6-foot-3 center | on top in their respective weight The victory was Illinois' third didn't start against Washington, and classes. Tim Flynn, Jim Martin, straight - the Illini took the Syracuse saw only 28 minutes of action against | Glenn Koser, and Duane Peoples also Tournament last week, defeating Illinois. Portland started three made the finals, but came up short.

In the last five minutes, the Lady in the first five minutes of the second

went two for two from the line and Illinois committed 16 fouls to Penn Link also added two field goals in the State's 23. Illinois was into the bonus early in both the first and second

"The situation reversed against Illinois, they went to the foul line more." Portland said. "It's always

Penn State was led by Faloon, who gathered 18 points, and Link, who



In fact, despite scoring 18 points (11 in the second half) in what was by far the best scoring output by the reserve center in four games this season. Peapos said he was not pleased with his own perfor-

lost the game.

"I don't think so," Peapos said when asked if it had been his best game of the year. "For some reason we never got control of the game. Just because I scored points tonight, I don't think it was my best game.'

But Head Coach Bruce Parkhill disagreed. Although each of the Lions' starting inside men were at least five inches taller than their Greyhound counterparts, Parkhill felt Peapos was the only Penn State player that was really effective in the game.

Starting guard Tony Ward was stopped by the flu, leaving the game at the beginning of the second half, but Parkhill said a fired up Loyola defense and poor outside shooting made the majority of the Penn State team look sick. "We all played like we had the

flu tonight, except Mike Peapos -I think he played hard," Parkhill lead later in the game, we were ing and watching. Michael was inside." things happen."

started a 6-5 none of the other Lions could do. The Lions starting front wall, which went 6-10¹/₂, 6-9 and 6-8, cored only nine points combined. That may explain why Parkhill became concerned when Peapos out." Peapos said. picked up his fourth foul with 4:22 left in the game and Penn State

Whitehall, Pa., out of the game at

that point.



we never got control of the game. Just because I scored points tonight, I don't think it was my best dame.'

Mike Peapos

said. "He was just going after it, going to need him down the he was really playing hard and stretch. He was making his fouls going after the ball, and not stand- shots and was giving us good play giving it some second and third Peapos said he thought the foul

effort, and when you do that, that put him on the bench was a "stupid" one, which made it a Peapos' 18 points gave him near- little harder to swallow. ly half of Penn State's points in- "It was a stupid foul, I boxed the

side. Maybe not a great statistic guy out and then I released him, and he got the ball," Peapos sat center along with 6-4 and 6-1 for- "I should have come out of the wards, but nonetheless something game. I think Coach made a proper move. Peapos said he then just waited

to get back in the game. "You always want to get back in the game to try to help the team As it turned out, the Grevhounds

took the lead less than two minutes leading 64-61. Parkhill said al- later, forcing the Lions to go with though he did not want to, he was three and four-guard pressing deforced to pull the junior from fenses to try to cut the lead. Ironically, Peapos, who kept

Penn State in the game in the "It was a tough decision," Park- second half, watched the final four hill said. "We felt if we had a small minutes from the bench.

Elinsky said of the team's overall Penn State's Dan Mayo, left, has a firm hold on Maryland's Steve Peperak during weekend action at the Penn State nvitational at Rec Hall. Mayo won the bout 3-2, en route to winning his weight division in the tournament.

At 134, Flynn lost a controversial 3-

"It depends what referee you have at the time," Penn State Head Coach Rich Lorenzo said of Flynn's lastsecond decision. "Some officials call them a little slower and if we would have had the other referee, he probably would have called it a two-point

Martin also fell victim to a controto Gonzalez' fireman's carry was it to within one, but fell short, losing apiece with an escape. Edinboro's Eric Wertz of Pittsburgh, 11-8.

unsuccessful. Gonzalez had Chertow by a final score of 4-2. The additional Dave Rowan then took Martin down

escaped and went on to take Rowan down to take a 4-3 lead with 20 sec-1 decision to Paul Clark of Clarion. In onds to go in the match. The controsecond and third periods as he took the bout's final seconds, Flynn came versy came in the last two seconds when the referee awarded Rowan a reversal that Lorenzo did not agree

"We didn't think the guy ever es tablished enough control for two points," Lorenzo said of Rowan's 5-4 upset. "He still had his leg when it all ended up and I think the official anticipated there was a reversa there. He didn't quite get a reversal the best he had was an escape and don't think he even had that. Other second-place finishers for ton outrebounded the Lady Lions 32- ices of Vanessa Paynter, whose knee Chertow was in trouble as his counter up by two. Peperak escaped to bring Martin tied the match up at one 11-4, and Peoples at 158; bowing to