the STOOTTS collegian



esterday, unveiling a fast, physical and

"It really was like an explosion," Penn State coach Gillian Rattray said. "The girls have just been leashed for so long nd they were really raring to go for this

overmatched; never had a chance as the Lady Lions slammed five goals past Bucknell goalie Betsy Doyle in the first half. Sophomore forward Jan Snyder just 1:40 into the game.

ver from there, enjoying her most they have the composure to recover and productive game of her career. Smith, a they always back each other up," scrapper who makes a habit of playing Rattray said. "There are no outstanding goals, while taking one assist from unit."

Scoring Penn State's other goals were freshman wing Brenda Stauffer, whose speed and stickwork dazzled the Bisons. and senior link Deb Malone, assisted by

swarming game, thoroughly shut down junior goalie Jeannie Fissinger being

But the individuals who make up the the season," Rattray said, referring to "Jill is my little bull terrior on the unit should not go unnoticed. Rare were the easy victory. "Afterall, no one wants

Nancy Deal, junior Terri Lovelace and

Fissinger bked after the game about The fact is, the ball hardly ever made an

defense," Pätterson said, "but when we said the game with Bucknell definitely

"We have a friendly local rivalry oing with then," she said. "They aren't good level of hockey. Also, it gave us a chance to look at some of our freshmen

inside," Rattray said. "She is always the times when Bucknell was able to to play West Chester every week."

Golf more than hobby to Boyle family

compensation award in National wasn't what I had in mind. We were very Basketball Association history, com- close to a championship team until this missioner Larry O'Brien awarded three morning (Tuesday), when the com-Portland Trail Blazers yesterday as players away. Indirectly, I'm somewhat payment for the signing of veteran free responsible for that." agent center Bill Walton by the San San Diego owner Irv Levin, speaking Diego Clippers. at a press conference, said he was "very

In his monumental decision, the

with the Clippers last May 12.

the Blazers, they could keep Smith.

missioner's decision.

said he did not agree with the com-

Walton's signing costs

Clippers four players

commissioner awarded forward Kermit but added that the Clippers will be an

Washington, center Kevin Kunnert, excellent basketball team. We have guard Randy Smith and a 1980 first- every confidence that this team will be a round draft pick to Portland as com- strong contender in the NBA this pensation for the 6-11 Walton, who signed The injury-plagued Walton had been a five-year, \$1 million per year contract with the Blazers for all five of his NBA However, O'Brien gave the Clippers seasons, but he missed nearly 50 percent an option to retain the high-scoring of the team's games because of a variety of ailments. He did not play at all last Smith, the most valuable player in the 1978 NBA All-Star Game. He ruled that if the Clippers paid \$350,000 and assigned

But in the 1976-77 season, he led Portland to its first NBA title and was their 1982 first-round draft selection to named the most valuable player in the championship series, and the following , The outspoken, 26-year-old Walton year, he won the league MVP award after leading the Trail Blazers to a 50-10 "I don't think it was fair," he said record before being injured.

disappointed" with O'Brien's decision,

Senior Deb Malone (27) is just one member of an intense Lady Lion defense that helped shut out Bucknell 7-0 yesterday in the

average weekend golfer, but to Penn

State golf coach Joe Boyle and his two The Boyle family has been associated with the Penn State golf program since 1947 when Joe started a three-year stint as a member of the golf team, serving as team captain is at the golf courses." After he graduated in 1950, Boyle got the chance to coach when he was

hired as the assistant golf coach and physical education instructor. In 1957, Bob Rutherford Jr., retired and Boyle got the nod as head coach. Twenty-three years later, Boyle has an enviable 192-37-1 record in dual meet competition and eight Eastern championships under his

belt, including the championship team he played on in 1948. "We try to run a good golf program here at Penn State." Boyle said. "but we're not a golf mill. I've talked to a lot of the players after they graduate carry on the winning tradition of the Despite their early baptism to golf,

worked any harder on golf," Boyle said. "Golf can be a very expensive about 13," Jeb said. "Up until then, I thing, but Jeb and Mike provided all golfed mostly for the hell of it." of the income themselves by working the golf courses."

Golf isn't just an in-school thing "In fifth grade, I played a lot and then I got interested in baseball for then I got interested in baseball for the next "But the next" with Mike and Jeb. either. "They play in tournaments from awhile," Mike said. "But the next

the time school lets out in the spring year, I said to myself 'God, it must be until classes resume in the fall — the nice to be a pro golfer' and that's state invitational, the state open, pro- what I've been working toward since ams, best-ball tournaments — they then." play them all," Boyle said. Jeb and Mike were both introduced College High School where they to golf at a very tender age, which is played for the golf team, helping to not unusual when your father hap-boost the Little Lions' winning streak pens to be the golf coach.

"When we got to be three- or four- lost the league championships in 1976. vears old, dad would take us to the "I started playing with the guys on White course when he gave lessons the team everyday in 1973 while I was and we'd shag balls for him," Jeb still in high school," Jeb said, "I got said. "Then later on, dad cut off some to know all the guys pretty well and it clubs for me, you know, he shortened really helped my game.

Both Mike and Jeb went to State

to 76 consecutive matches before they

neither Jeb or Mike pursued the "I didn't get real serious until I was sons on the team." Boyle said. "You try so hard to be fair with everyone else on the team and you wind up hurting them."

"We always pull for each other," Mike said. "When I play, I try to forget that he's out there. It's kind of hard when you have to beat your own "I want him to do well, and we root r each other," Jeb said. "But golf's

individual game and we can't think about each other.' After a disappointing season last ear, both Mike and Jeb are looking prward to a good season this spring, nd a bid to the NCAA tournament. 'I really want the team to go to the CAAs this year," Jeb said. "We strive for that every year and it's den a few years since we've been there. That would make the year

Sportsmedicine helps cure athletes' aches, pains

Editor's Note: This is the first of a three-part series number of injuries caused by sports activities and to cise, health and advanced techniques in athleti dealing with sportsmedicine. Today's article talks mimimize their long-term effects. The bill did not reach training which includes injury recognition, treatment about the development of sportsmedicine and its im- the floor for action. By RON GARDNER Daily Collegian Sports Writer

Americans by the millions have been caught up in the recent fervor to shed extra layers of fat, firm up flabby muscles and join the ranks of the physically fit. A 1977 Gallup poll reveals that almost 55 million Americans exercise daily, almost twice the number recorded in 1961.

Interest in competitive sports is also at an all-time high. Men and women of all ages are flooding the nation's ballfields, gymnasiums, tennis courts, ice rinks and golf courses to enjoy competing. But as the number of participants goes up, so does the

number of sports-related injuries. Physicians, already overburdened with general injuries and illnesses, were crushed by the additional caseload of athletic maladies This factor, and increasing concern for the care and prevention of athletic injuries, provided the impetus for a new specialized branch of medical science called

'sportsmedicine," although it is not officially recognized by the American Medical Association. Gabe Mirkin, co-author of "The Sportsmedicine Book," defines sportsmedicine as the science that deals with the physiological, anatomical, psychological, and biochemical effects of exercise, and includes such diverse concerns as training methods, the prevention and treatment of injuries, nutrition and the effect of weather on the athlete. To pass on the aspects of sportsmedicine to the

athletes, there has been an increase in the number of physiologists, kinesiologists, podiatrists, physical therapists, trainers, chemists, nutritionists and physicians that are specializing in the problems of W. James Hochberg, coordinator of the sportsmedicine program at Penn State, said that many factors led to the "sportsmedicine boom" in the United

"First of all, there is increased concern, intercollegiately and interscholastically, about sports concerned and began putting pressure on the school boards, who told the parents to write to their

troduced requiring that schools and colleges have trained in emergency first aid procedures, anatomy, Mirkin wrote in "The Sportsmedicine Book."

Hochberg also said that the dramatic increase in athletes, as well as injury care. "With the increased sports activity in laypersons," Hochberg said, "the general doctors simply weren't used to all of those sports-related injuries."

The liability problem did more to promote the boom in sports medicine than anything else. Teams needed qualified people to care for injuries and the equipment used by the athletes.

- W. James Hochberg, Penn State coordinator of sportsmedicine

"Today's physician is overloaded with general innjuries, family doctors became severely overloaded," playoffs. Hochberg added. "In the past, doctors would donate physician. But with the increased caseloads, it is dif-pertaining to gridiron safety. ficult for doctors to find time to donate.'

action involving injury care and faulty equipment. Out like this is when somebody is injured or when of necessity, these schools and many others hired something needs corrected." qualified people to prevent legal liability. "The liability problem did more to promote the boom "rule changes and better coaching techniques." in sportsmedicine than anything else," Hochberg said. "Teams needed qualified people to care for injuries and to," Hochberg said. "Like blocking and tackling with

the equipment used by the athletes." injuries," Hochberg said. "There was definitely a need All of these variables contributed to the appearance this." for better care of the athlete. Parents were becoming of the certified athletic trainer, a chief product of the Sportsmedicine is concerned in these and many other sportsmedicine boom, at high schools and universities areas, but its goal remains to prevent injuries.

and rehabilitation. "Congress tabled the bill to do a feasibility study on The duties of the athletic trainer include setting up it," Hochberg said. "And they found that there were not conditioning programs for the athletes, applying enough certified people to fill all of the positions. This protective or injury-preventive devices, working with indicated the need for more qualified people in the the team physician and the coaches to select protective athletic equipment, the counseling and advising of sports participation contributed to the current growth
The sportsmedicine boom has also had a marked

effect on teams at the professional level, where medical care of the athletes was not always what it should have "There is much better personnel at the pro level

today," Hochberg said. "Pro teams should have topnotch personnel to take care of their athletes a lot In addition to improved medical care, there has been many new innovations in equipment at the pro level

that could eventually appear at the college and high

For example, last fall an inventor named Byron Donzis snuck into a Houston hospital with a friend and a baseball bat to visit injured Oiler quarterback Dan Pastorini, who was in the hospital with broken ribs. Donzis introduced himself and then his friend hauled off and smashed Donzis across the ribs with the baseball bat. Pastorini whinced, Donzis did not. Then Donzis showed Pastorini how he had on an inflatable

juries, and with the increased number of sports-related Donzis' "flak jackets" and he led the Oilers to the Now, the National Football League has agreed to their time to local high schools to serve as their team underwrite much of the research that Donzis does

"This guy's probably got the right idea," Hochberg In addition, many schools were involved in legal said. "But the only time that anybody wants something Many football injuries could be prevented through "People can control dangerous situations if they want the head. Coaches could teach the players not to do

"Sportsmedicine represents a giant step beyond the Today's athletic trainer is more than a glorified time when physicians were concerned only with During the 93rd Congress, the Dallums Bill was in- water boy, as he was thought to be in the past. He/she is treating injuries, we are now able to prevent them," available an athletic trainer as a means of reducing the physiology, kinesiology, psychology, nutrition, exer-



Penn State trainer John Simpson takes part in the university's portsmedicine program as he tapes Lion punter Ralph Giacomarro. W. Jamestochberg, coordinator of sportsmedicine at Penn State, says that pressure b athletes' parents has been one of the more important reasons for the development of a specialized branch of medical science called sportsmedicine, which eals with the prevention and treatment of injuries, and the effects of exercise.



troops have played this season. The Orioles have cut the magic number down to three, going into last night's game, in their

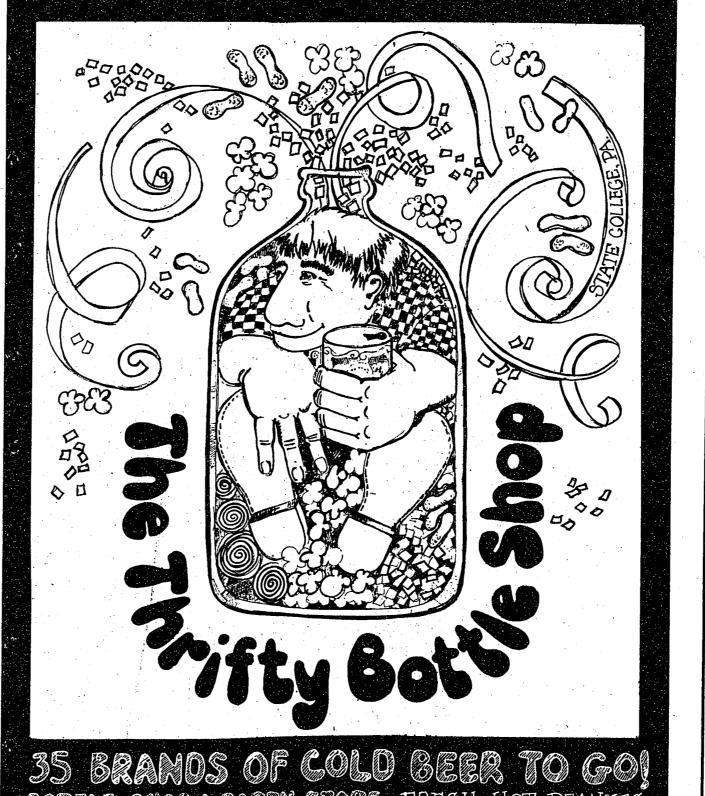
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Baltimore closing in on title; ready to celebrate

It's been five years since Baltimore

won the American League East championship, but for a team that won

world champion New York Yankees and

defense is once again the hallmark of a Orioles have 48 bottles of the bubbly on team which seldom defeats itself

only 11 short of the club record set in 1970

when the line-up included Frank

Robinson, Boog Powell and Brooks

which seemed to feed upon itself, was an

Orioles no longer have their own legitimate superstar, missing at least 14 from behind or broken a tie to win in the did when they were perennial pennant ailments, the Orioles have posted the decisions were registered early in the

35 homers and 110 runs batted in, while hitting .303, and Flanagan has a 22-7

the Boston Red Sox would battle for the amazing penchant for coming from many sources, including the bench title, with the Milwaukee Brewers behind to snatch victory from the laws of which constitutes what Manager Ear



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