

# Economics students play stock market game

By GERARD SHIELDS  
Collegian Staff Writer

Most professors just hand out copies of their syllabus on the first day of class. But, economics professor Raymond Lombra gives each of his students \$100,000. That's \$100,000 on paper.

Lombra uses "the stock market game," a new method of teaching students about the stock market and the nation's financial system, in his Economics 351 class, "Money and Banking."

Students are hypothetically given \$100,000 and told to make transactions in the real stock market. These are made on a computer that records all transactions and allows students to analyze their decisions.

Participating in the game makes Wall Street and the stock market more real to students, Lombra said. One reason the game is so beneficial is that "students

often argue that their classes aren't relevant and that there is too much theory," he said.

Lombra said the game forces students to read newspapers, such as the Wall Street Journal, and makes them aware of economic developments in the country.

"Students forget the graphs very quickly, but they won't forget the logic — that's what I want them to hold on to," he said.

Lombra is the only professor in the economics department using the game in his class. He said the other professors may start adopting the game after they see its effects.

He added that the department was looking for a better way to balance the idea of theory, institution and policy. The "stock market game" was originally developed at Wilfrid Laurier University in Waterloo, Ontario, Canada. The game is used at a number of universities in the United States.

Lombra said the most difficult task associated with the game is installing the computer system. The class contains 200 students, who are able to make as many transactions as they wish, five days a week.

The economics department receives a computer tape every week that contains the closing stock prices in the New York and American Stock Exchange for that week. The tape is fed into a computer along with the students' transaction cards. The result is a printout of the students' gains and losses for the one-week period. The game lasts six weeks.

Students must make at least four transactions — based on actual stock market prices — during the term. Students may buy and sell until 5 p.m. each day by turning in computerized transaction cards.

Performance in the game is worth 10 percent of the students' final grade, Lombra said. Because he wants the students to enjoy the learning process, the game does not

carry more grade weight in the class.

"It's not a stress or strain thing," Lombra said. "It can help a student out in the margin, but it cannot hurt them."

The initial grant for the installation of the game came from several contributors including the University, the economics department and the College of The Liberal Arts. The University now provides the funds for additional booklets and computer cards.

In some schools brokerage firms also help subsidize the game. The firms want the public to understand the financial market, Lombra said.

Lombra also said students who took his course when it was first offered last fall have written him to tell him how much the class has helped them understand the business world.

Scott Krebs (8th-accounting) said the game is helpful because it allows students to get a taste of the real stock market.

# sports

## Icers face 2 familiar opponents

Penn State hosts Philadelphia Junior Flyers, Cortland State

By STEVE TOW  
Collegian Sports Writer

If you should travel to the Indoor Sports Complex tonight to watch the ice hockey club in action, you might think you stepped into the wrong place.

Just who are those guys wearing the familiar orange and black uniforms with the wing logo? You might ask yourself — Is this the Spectrum? Is Penn State going to play the Flyers?

Well, you would be wrong on both counts. The Lions are actually going to play the Junior Flyers, a junior "A" club.

Things should become more familiar with the average hockey fan tomorrow night when Penn State takes on Division II powerhouse Cortland State. Tonight's starting time is 9:15 and tomorrow's game is set to begin at 7 p.m.

The Lions defeated Cortland State nearly two months ago in New York City, only to see Cortland rebound the following night to win 4-1.

"As far as Cortland's concerned," Penn State Coach Jon Shellington said, "we were up there (and) we played them twice and split with them. So it's a rubber match there — we're gonna have to see what happens."

Although the Junior Flyers are a very young team — ages 16-19 — their experience with Junior "A" clubs across the country has given them a measure of respectability.

"They've got a pretty good coach this year (Penn graduate Bruce Craig)," Shellington said. "He's a classy guy — he won't put up with a lot of rinky-dink stuff. He's going to stress playing fast, clean, hard hockey."

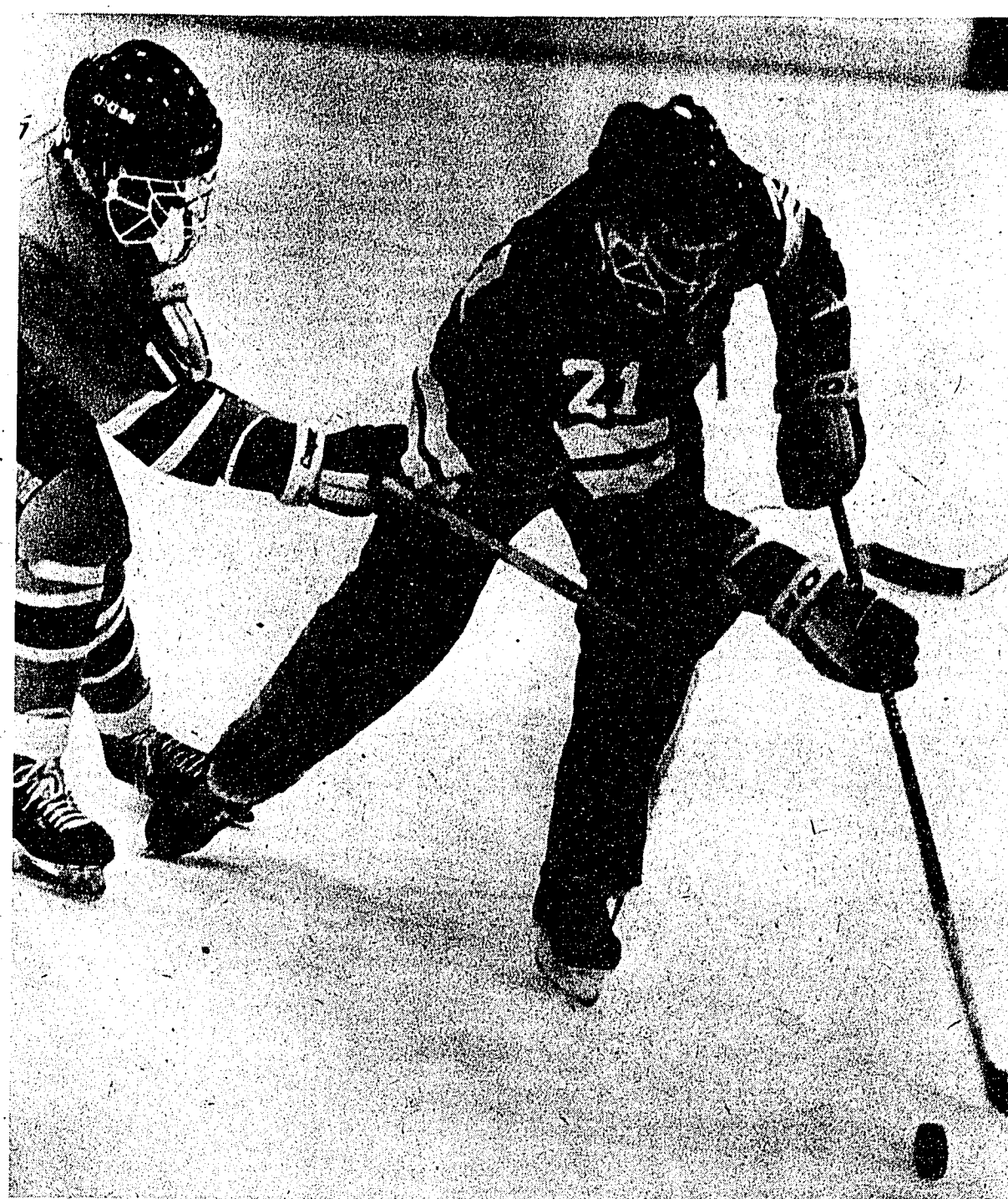
The Lions' power play is one aspect that Shellington has worked on this week in practice. Although it has been improving, much improvement is still needed. Center Glenn DeStefano will be moved back to play defense with John Holland to spark the advantage on the power play.

"If I put in Toby Ritter's line or Clark Dexter's line in front and have Johnny, who's an offensive-minded defenseman, we're going to have a true offensive set up there," Shellington said.

How does DeStefano feel about it? "I like it," he said. "I'm a better playmaker (and being on defense) keeps the play in front of me. When I'm on the front line, I'm just waiting for things to happen — back at the point I make things happen."

DeStefano will also have to adjust to another change when Norm Jacobs makes an appearance on his line this weekend due to winger Brad Rush's sudden outbreak of mono-nucleosis. Although Jacobs is not as smooth a skater as Rush, he nearly makes up for it with his hustling style of play.

"Norman hasn't scored that many goals, but Norman hasn't been playing that much," Shellington said. "Frankly, the last couple of weeks I've been trying to shift the lines around to find a place that Norman would fit in because he's a hustler and he makes things hap-



Penn State's John Holland (21) stickhandles around a Buffalo State defender last weekend at the Indoor Sports Complex. The ice hockey club will be in action at home again this weekend against the Philadelphia Jr. Flyers tonight and Cortland State tomorrow night.

pen."

The loss of Rush, however, will hurt the Lions offensively. "It's going to take away some of the scoring punch that we had," the Lions' Coach said. "Brad was No. 3 in the scoring."

Penn State soundly defeated the Junior Flyers last year, but this year — equipped with different players — the club should pose a tough challenge.

"This year they have a goalie that's already been offered a schol-

arship, so they have a good goalie," DeStefano said. "It's always been their tradition to play like the old Flyers (Stanley Cup Championship team). We're looking for them to be aggressive."

"Last year they had a couple of chippy guys," Shellington said. "All they wanted to do was push and shove. For these guys to come out and get too chippy and pushy ... it's really kind of ridiculous. College guys are stronger, more mature, (and) smarter."

## Lion cagers flying high in 'fast lane'

By PAUL ALEXANDER  
Collegian Sports Writer

The men's basketball team will be furthering its commitment to life in the "fast lane" at 8 tonight when it faces Hardin Simmons in the first game of the SMU-Dallas Morning News Classic at Reunion Arena in Dallas, Tex.

Life in the "fast lane" not only refers to the Lions' fast break, but it also refers to the inordinate amount of time the Lions will be spending in airports and airplanes over the next couple of weeks.

Penn State (5-1) will fly out of Dallas on Sunday and arrive in Tampa, Fla. to meet South Florida Monday night. And if that's not enough jet lag for the Lions, they'll be back in State College for only four days to leave for Florida again on the 26th to compete in the Gator Bowl Tournament against the likes of Florida, Jacksonville, and Iowa State.

The Morning News Classic could quite conceivably be the first tournament captured by the Lions since the 1974 Gator Bowl Tourney. Hardin Simmons is 4-4 and if Southern Methodist, the host team, is like most other hosts in tournaments, it will almost assuredly be playing in the "money" game tomorrow night.

The Mustangs were handled relatively easily by Alabama and if Penn State gets by Hardin Simmons, SMU should be the team to beat in the tourney.

Penn State will again be without the services of high-scoring forward Tom McCuskey. He went down in the seventh minute of the Alabama game with a sprained right knee and will not be available for either tournament game. McCuskey may be ready for some light work in Monday's game against South Florida, according to team trainer John Norwig.

McCuskey, who was leading the Lions in scoring going into the Alabama game, has been the early scoring spark for Penn State and without him in the lineup against St. Joseph's, the Lions' outside shooting was a question mark.

David Griffin was the answer, according to Head Coach Dick Harter. The 6-6 forward made good on his first five shots and finished the game with career-high 22 points on a nine of 13 shooting performance against the Hawks. It was the second time Griffin has led the Lions in scoring after he was inserted into the starting lineup three games ago against Philadelphia Textile.

Depth and tenacious defense have vaulted Penn State into a position where the Lions might very well do something unheard for Penn State basketball, like cracking the top 20. Now that Penn State is again involved in conference basketball via the Atlantic 10, the National Collegiate Athletic Association Tournament is a very realistic goal come March.

Already this season has been a season of firsts. Starting off the season at first with wins was the first time since 1972 that Penn State was 4-0, the win in the Palestra was the first win by a Penn State team in Philadelphia since 1973 and that same win, was the first conference win since 1977.

Two wins at the Morning News Classic this weekend would mean the Lions would win their first tournament since 1974.

Maybe the best is yet to come for the Lions.

## Lions by 3? Dooley not surprised

By RON GARDNER  
Collegian Sports Writer

After labeling Penn State "the best offensive team we have ever faced," Georgia Head Football Coach Vince Dooley said yesterday that he wasn't surprised that the No. 2 Nittany Lions had been made a three-point favorite over his top-ranked Bulldogs in the Sugar Bowl New Year's night.

"I think what you're getting down to is two obviously good teams and one that has a much better-balanced attack than we do," said Dooley, who has compiled a 151-86-6 in 19 years as Georgia's head coach. "They're the one that really has a great offense."

"In studying the teams we have played at Georgia in the last 19 years, (there) is one offensive team similar to Penn State and that is the Pittsburgh team of 1976 where (Tony) Dorsett was the tailback and (Matt) Cavanaugh was the quarterback. There has not been a football team with that balance as an offensive team other than (that) Pitt team."

Those Panthers overwhelmed the No. 5 Bulldogs 27-3 in the 1977 Sugar Bowl to capture the national championship as Heisman Trophy winner Dorsett rambo for 202 yards and the Pitt offense rung up 480 yards total offense.

But Dooley said the Lions have a lot more than just a balanced attack in their favor. "I was amazed as we went back and noticed the long tradition of winning — 44 consecutive winning seasons," he said. "Like any good football team, they have all the intangibles of a great team and traditionally have had. They're well conditioned, they're well coached, they're well disciplined and they have every intangible to be great."

Dooley, however, is obviously not going into battle completely unprepared. With Heisman Trophy winner Herschel Walker, holder of 10 National Collegiate Athletic Association's Southeastern Conference and 30 school records, Dooley's team can hardly be taken lightly.

"We will try to find a way to win," Dooley

said. "It may not be the classical way, but we're going to try to find a way, whatever way we can. Suffice to say, we're not going to win the game by dominating the game. Of course, we haven't done that very often anyway."

"We certainly didn't do it in the Sugar Bowl two years ago and last year we certainly didn't do it. So we'll have to try to find a way."

No rookie at improvising, Dooley has certainly found ways to keep his Bulldogs near at the peak of college football prominence.

Dooley can still turn to Walker, whose 5-259 yards ranks third on the NCAA's career rushing list, behind only Southern Cal's Charles White and Pitt's Dorsett. But everyone expects that.

"It doesn't take a stroke of genius to know what they're going to do," Dooley said. "They're going to go after Herschel, attack him with all 11 players."

Even with Walker, perhaps the greatest player ever to play college football, the Bulldogs will remain the underdog — a role Dooley doesn't particularly relish.

"As far as being the underdog, I anticipated that," Dooley said. "It's certainly something that's motivating about being in that position. However, on the other hand, in a game like this I think I'd rather be the favorite because being the underdog isn't going to make you any more motivated than Penn State, who is going for a national championship. They could care less whether they're an underdog or favorite."

"Secondly, the concern is that normally whoever makes those decisions about who's the underdog and who's not — I don't know what they know about football, but they know something. They've got a track record that's pretty good and that worries me."

Dooley can still turn to Walker, whose 5-259 yards ranks third on the NCAA's career rushing list, behind only Southern Cal's Charles White and Pitt's Dorsett. But everyone expects that.

"It doesn't take a stroke of genius to know what they're going to do," Dooley said. "They're going to go after Herschel, attack him with all 11 players."

Even with Walker, perhaps the greatest player ever to play college football, the Bulldogs will remain the underdog — a role Dooley doesn't particularly relish.

"As far as being the underdog, I anticipated that," Dooley said. "It's certainly something that's motivating about being in that position. However, on the other hand, in a game like this I think I'd rather be the favorite because being the underdog isn't going to make you any more motivated than Penn State, who is going for a national championship. They could care less whether they're an underdog or favorite."

"Secondly, the concern is that normally whoever makes those decisions about who's the underdog and who's not — I don't know what they know about football, but they know something. They've got a track record that's pretty good and that worries me."



Vince Dooley

# HELP US MOVE! WE'D RATHER SELL EVERYTHING THAN MOVE IT!

And We're Moving SOON

## WILSON'S WAREHOUSE

Our Williamsport store and warehouse is moving, so Wilson's Penn State must sell additional merchandise.

A MOUNTAIN OF SAVINGS

SALE STARTS TOMORROW 9 AM - 9 PM AT WILSON'S PENN STATE

\$2,000,000.00 INVENTORY ON SALE EVERYTHING FOR SPORTS • WORK • LEISURE

Hunting • Skiing • Camping • Hiking • Running

INSULATED OUTERWEAR • JEANS • CORDS • WORK PANTS • CHAMOIS SHIRTS • FLANNEL SHIRTS • SWEATER SHIRTS • FASHION TOPS • DOWN FILLED COATS • JACKETS & VESTS • BACKPACKS • GINOCULARS • SPORTS & ATHLETIC BOOTS & SHOES • TENTS • SKI EQUIPMENT • ICE SKATES • RACQUET EQUIPMENT • SWIMWEAR • SLEEPING BAGS • AND MORE!

MEN • WOMEN • GIRLS • BOYS

SAVE NAME BRANDS! 10% UP TO 70% OFF

We've Always Offered You Price Cuts... BUT, NEVER LIKE THESE!

DURING WHAT'S ABOUT TO BECOME THE BIGGEST SALE IN OUR HISTORY

To help reduce inventory and make it easier to move our Williamsport Warehouse and store... sale will be held in three locations.

325 Market St., Williamsport  
Susquehanna Valley Mall  
State College

YOU'LL NEVER SEE SAVINGS LIKE THESE AGAIN!

WILSON'S CALDER SQUARE II

A DIVISION OF WILSON'S WAREHOUSE STORES.

With prices climbing everywhere else... now's the time to buy at Wilson's Prices will never be lower!!

**kinko's**  
Film Developing!  
250 E. Beaver Ave.  
238-COPY

Color Print Film  
12 exp. \$2.59  
24 exp. \$4.49  
36 exp. \$6.69

Friday & Saturday  
**HEARTBREAKER**  
Sunday  
**TAHOKA FREEWAY**  
Everyday Happy Hours 4-8 PM  
THE SALOON  
101 HIESTER ST.  
serving Pepsi-Cola

**HAPPY HOURS**  
TONIGHT  
5-7pm  
Country Tavern  
23 Crickwood Drive • 237-1049

**Jose's Hot Ham & Cheese Burrito**  
Only \$99 reg. 1.39  
Chunky ham, choice cheddar cheese, onions & tangy sauce all melted together in a soft, warm, flour shell.  
good w/coupon only until Dec. 23rd  
**PEDRO'S**  
131 S. Garner 234-4726  
Open Mon-Thurs 11 AM-12 PM  
Fri & Sat 11:30-2 PM  
Sunday 12-12 PM

**T.V., Stereo Broken Down?**  
Our Service is Exceptional!  
EXCEPTIONALLY  
\* Competent \* Fast \* Economical  
We service all brands, all types of electronic equipment.  
**T & R ELECTRONICS**  
225 S. Allen St., State College  
(next to Centre Hardware) 239-3800