



Technician File Photo

Bicycle larceny has increased from 51 thefts last year to 71 thefts this year. Public Safety feels that crime is not increasing in figures but it is becoming more noticeable.

Careless attitude cited in high rate

Statistics show crime has risen

by Mary Durham
Staff Writer

Most crimes committed on campus have risen noticeably from last year's statistics, according to Public Safety records.

Figures from July 1 - Sept. 30 of last year to the same time span this year show a crime increase of about 45 percent. All figures in this article will be from this information.

Public Safety divides crimes into two parts. "Part One crimes are the most serious of all crimes," Public Safety Captain John J. McGinnis said. "These are crimes the National Criminal Justice Information Service tabulates for crime information." The Part One crimes have increased about 28 percent.

Larceny, defined simply as removal of property, has gone up about 24 percent from last year. There were 93 reported larcenies to vehicles this year as compared to 32 last year.

Larceny to motor-vehicle parts has risen from 14 last year to 24 this year. Bicycle larceny has increased to 71 this year compared to last year's figure of 51.

These crimes run in spurts which makes us believe it is perpetrated by the same people," McGinnis said, adding that larceny to vehicles has been one of the bigger problems so far this year.

Part Two crimes constitute crimes not listed under Part One crimes. Although significant, these crimes are not as serious as those listed in Part One, McGinnis said. Part Two crimes have increased by about 82 percent.

Vandalism has increased from 73 reported cases last year to 116 this year. There have been 15 DUI arrests this year as compared to none last year. Ten cases of disorderly conduct were investigated on campus this year as compared to eight last year.

McGinnis said he feels that crime is not increasing as much as the figures

indicate. "I don't think crime is increasing that much but we are finding out about more. As we become more professional, visible and identifiable, more reports will be called in," McGinnis said, adding there is no way to estimate how many crimes go unreported.

"The Public Safety department has gone through a dramatic change in the past couple of years," McGinnis said. Previously, there was a Security department but unlike Public Safety, Security often called on the Raleigh police for assistance.

Many reasons exist for the high crime rate on campus, according to McGinnis. "The biggest problem is the careless attitude of the community (students)," he said. "If we had 100 officers they couldn't be everywhere. The students have a flagrant disregard for their property. For example, they go to the library and leave calculators, books and everything else laying there unattended."

The location of State is also a reason for the crime rate. "Because of the urban location of this campus the crime rate is going to be higher. Ours is probably much higher than an isolated campus," McGinnis said, adding that many crimes are perpetrated by people unaffiliated with State.

Public Safety has several programs to aid it and the students. Although Student Patrol Officers have no arresting powers, they are extremely useful to Public Safety in both the prevention and apprehension of crime, McGinnis said. The SPOs also escort females around campus at night.

"We have active community watch programs going on now, which we would like to expand," McGinnis said. Public Safety also has a rape prevention program and an engraving program where students can engrave their valuables with their Social Security numbers.

Student senators pass graduation, suspension-retention policies

by Kimberly Frazier
Staff Writer

Proposals for revisions in the graduation requirements and suspension-retention policy were passed by the Student Senate at an emergency meeting Monday night after the proposals were amended.

The final resolution for the graduation requirement by the Student Senate is for a student to have a "2.0 minimum G.P.A. in the major field of study and in the overall curriculum," in addition to the current graduation

requirement, which is to have no more than 12 hours of D's.

According to the Student Senate proposal for the suspension-retention policy, a student will be suspended after:

• 28 hours of credit if his overall GPA is below 1.25.

• 60 hours of credit if his overall GPA is below 1.55.

• 92 hours of credit if his overall GPA is below 1.75.

• The required number of hours needed to graduate if his overall GPA is less than 1.95.

If a student reaches within 15 credit

hours of the above 28, 60, 92 and required hours and does not receive a GPA of at least .05 below the above GPAs, he will be suspended.

One semester's probation will be given to a student to bring up his GPA after his first suspension but he will not be allowed consecutive suspensions. If this change goes into effect, students will be given notification at least two semesters in advance.

The proposal for the graduation requirement will not affect currently enrolled students. It will apply to future freshmen and transfer students

depending on their status when they enroll at State.

The Faculty Senate and the provost's office have offered two other proposals that would change the graduation requirements and suspension-retention policy.

Provost Murray Downs said the current policies in effect for the graduation requirements and suspension-retention policy have shown evidence of good effects but that ill effects were not anticipated.

"Of course, nothing we can do will have an absolute guarantee that it will work," Downs said. "Whatever is

decided has to be done reasonably.

"Last spring I submitted a proposal because nothing else had been done yet and because I thought it would solve problems."

The main problem is deciding who the marginal students are. "The students are making so little progress that they waste their time and the faculty's time. But we don't know who the ones who are also trying to work or support a family," Downs said.

"The campus community seems to be strong in having a 2.0 overall GPA.

I think it should be optional according to each school."

Downs said he hopes a conference committee meeting will be held during the spring semester so that the Faculty Senate, Student Senate and provost can come up with a combination of all three proposals.

"We've had one every year since 1974 and we've worked to bridge a gap," Downs said.

The final policy will be approved by acting Chancellor Nash Winstead. Winstead was unavailable for comment.

University accepts freshmen, transfers

by Karen Freitas
Staff Writer

Students are currently being accepted for the spring semester by the Department of Admissions.

According to Anna Keller, director of admissions, State will be accepting a total of 409 transfer students and freshmen.

"We are accepting that many but only expect 310 to arrive because most of the time there is a large number accepted who do not arrive the semester they are enrolled," Keller said.

Students who have been previously suspended before this semester and who will be suspended at the end of this semester will have a chance to appeal their suspension at admissions committee meetings on Jan. 6, 7 and 8.

Right to Present

The committee will give those students the right to present their case in person. It will then proceed to act on all cases of the suspended students who request readmission.

"There are eight students thus far who wish to appeal their suspension for the spring semester," Keller said.

"They will be appearing before the admissions committee on the designated dates for the meeting."

Readmissions are still available to those students who dropped out previously and wish to enroll in the spring semester as long as they were eligible to stay enrolled before they quit school, according to Registrar Jim Bundy.

Students will be suspended if they fail more than 50 percent of their courses. They will only be placed on academic warning if they fail more than 40 percent.

Preliminary winners

Team of students competes for national nuclear award

by Karen Freitas
Staff Writer

A technical paper written last spring by a team of State nuclear engineering students has been selected as a preliminary winner in a national undergraduate student design competition sponsored by the American Nuclear Society.

The paper, Final Safety Analysis Report, is based on results of a study aimed at optimizing the design of nuclear power plants to make them more cost effective.

The four students are Gregory H. Hobson of Oakton, Va., a graduate in nuclear engineering; William F. Evans of Shelby, employed in industry; Tommy Law of Raleigh, a senior; and William P. Evans of Bethesda, Md., a nuclear engineering graduate student. The team was under the guidance of

Paul J. Turinsky, head of the Department of Nuclear Engineering.

"We were supposed to determine whether the nuclear supply system of the McGuire Nuclear Power Station (Duke Power Station) could be designed so that the nuclear power cost could be minimized. The building of the station had relaxed limitations," Law said.

Project rules

The project was set under the following ground rules:

• To proceed in the project, the team was to use safety margins as great or greater than the McGuire unit.

• The design of the basic components of the McGuire unit were to be unaltered but varied in size.

The team also had to follow three major criteria in completing its pro-

ject. They are as follows:

• The fuel region discharge burn up limit - a technical term for the power produced efficiently from a calculated percentage of fuel - was increased from 33,000 megawatts days (MWD) per metric ton of uranium (MTU) to 45,000 MWD-MTU. In other words, the reactor was allowed to run closer to empty before refueling. No recycling of fuel was allowed.

• The core exit temperature limit was moved from 625 F to 635 F. In other words, the reactor was allowed to run hotter.

• An additional 15-percent margin in the critical heat flux was also added. In other words, if the critical heat of the reactor rose too high too fast, this regulation gave the operator a 15-percent buffer zone over the critical heat flux.

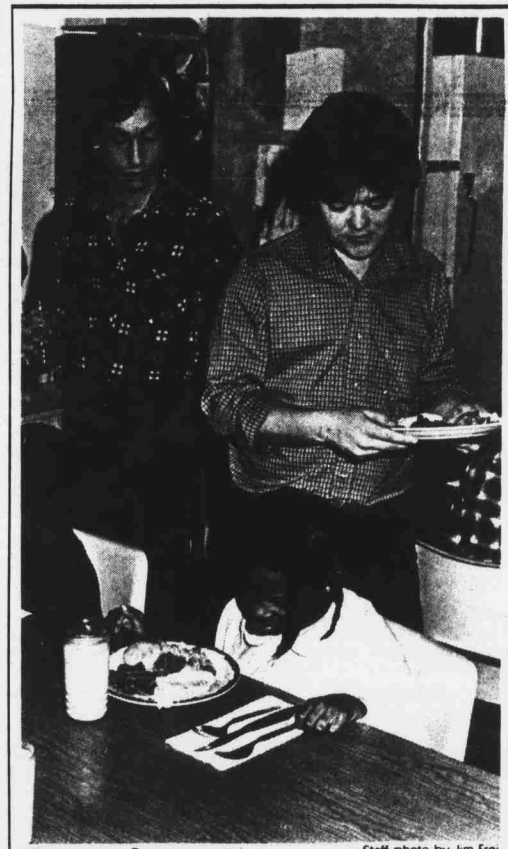
After completion of the project, the paper includes all of the information the McGuire plant needs for construction. It is composed of initial strategies, alternatives that could have been taken and were taken, the reason why and an estimated conclusion.

The team will present the paper in the final stage of competition where Hobson will make an oral presentation of the report as the team competes against the University of Tennessee.

The winner will receive the American Nuclear Society Award for Undergraduate Design Projects and a \$500 award.

"Basically, whoever is at the conference will be the audience for the oral report. An estimated 70 people from the American Nuclear Society will listen to each speaker. Also any other interested people attending the conference who are involved in both industry and academia will be there. After listening to each speaker they will make a decision," Hobson said.

The preliminaries will be held on Dec. 2 at the American Nuclear Society's meeting in San Francisco, where both teams were sent by the society free of charge.



Staff photo by Jim Frei

Green beans?

The Sigma Pi Fraternity sponsored its annual Thanksgiving dinner for the children of the Raleigh Housing Authority Monday afternoon. The fraternity had 26 members helping to feed the 13 children who feasted at the scrumptious meal.

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— Sylvers shine through cloudy past with new LP. Page 5.

weather

— Turkeys are smarter than you think. Page 3.

Today — fair and mild today through Sunday with the high in the mid-50s and an overnight low in the 30s; Thanksgiving Day will be partly cloudy and the highs will be in the mid-60s with overnight lows in the 30s.

— State's Springs captures national championship. Page 4.

University to close for vacation

by Karen Freitas
Staff Writer

Many services on State's campus will be closed for the Thanksgiving holidays, but some will be open either for regular hours or at varied schedules.

The Student Center will close at 5 p.m. today and will stay closed until Sunday at 8:45 a.m.

The Student Center Ice Cream Bar and the Celerity Line will be closed Thursday, Friday and Saturday and will reopen at 3 p.m. Sunday. Both will close at regular hours.

The University cashiers office, located in Peele Hall, will be closed beginning Thursday until it resumes regular hours Monday from 8:30 a.m. to 4:45 p.m.

The Students' Supply Store will close today at 5 p.m. and re-open on Monday at 8 a.m.

Carmichael Gymnasium will be closed beginning Thursday and will resume regular hours Monday.

Infirmiry

Clark Hall Infirmiry will operate from 9 a.m. until 5 p.m. on an outpatient operation with a doctor on call during off-hours. It will begin its regular 24-hour schedule Sunday.

D.H. Hill Library will be closed on Nov. 26 and 27 only and will operate during regular hours Saturday and Sunday.

Dormitories

All dorms will be open to students even though resident advisers will be off duty. Public Safety will be able to handle any emergencies. Heat in all dorms will also be left on to conserve energy.

Mail for students will not be delivered on Thanksgiving Day, but will continue its regular schedule beginning Friday.

Public Safety

According to Public Safety Captain J. McGinnis, Public Safety will operate 24 hours a day as usual during the holidays. The only department that will not be working is the office of Occupation of Safety and Health, a medical service that usually assists in transferring students from the infirmiry to a hospital.

"We will have a dispatcher and patrol officers on duty at all times. We will also transfer students to the hospital if necessary and will also offer any type of police work to the students," said McGinnis.

Three-day talks cease; Arab peace plan submitted

by Arlene Fleming
United Press International

Arab League foreign ministers ended three days of talks on an agenda for the 12th Arab League summit and officially placed the Saudi Arabian Middle East peace plan before the heads of state.

Moroccan Foreign Minister Mohammed Boucetta told a news conference the Saudi proposal, submitted in August by Crown Prince Fahd, was put on the agenda without any changes or amendments.

"Yes, there is a proposal which was agreed upon without any discussions," Boucetta said. "There was no opposition to the formula, which was submitted by the agenda committee in agreement with the heads of delegations. The plan will be submitted with its

eight points as it is and with the formula agreed to the summit."

Prince Saud Al Faisal, Saudi Arabian foreign minister, said only that the agenda committee completed its work and the plan was to be discussed by the Arab heads of state.

Other Arab foreign ministers refused comment after the nearly four-hour meeting. Syrian Foreign Minister Abdel Halim Khaddam left the conference an hour before the other ministers.

Conference sources said the ministers obviously had been unable to reach an agreement on recommending acceptance of the plan, which has been opposed officially by Libya and has been criticized by the Palestine Liberation Organization, Syria and Iraq.

(See "Arab," page 6)

Technician Opinion

A paper that is entirely the product of the student body becomes at once the official organ through which the thoughts, the activity and in fact the very life of the campus are registered. It is the mouthpiece through which the students themselves talk. College life without its journal is blank.

— Technician, vol. 1, no. 1, Feb. 1, 1920

Don't drop the extension

As is usual at State, the reason for doing or not doing almost anything that will help students is money — or rather, a lack of it. The latest example of the "out-of-the-question-because-it-will-cost-too-much" is the proposal to extend the period at the beginning of each semester during which undergraduate students may drop courses.

Students have begged for a longer drop period for a number of years. The students' reasons for wanting an extended drop period have been repeated over and over by student leaders and the *Technician* — with no result. Recently the Student Senate passed yet another resolution about the drop period but this one proposes a modification of what students have asked for in the past.

The new plan would allow an undergraduate student to drop any number of courses during the first four weeks of class, as is currently the case, and also to drop one additional course during the next two weeks. The new plan is a compromise between the administration's adamant decision to remain with the four-week period and students' pleas for a longer period.

The reason not to extend the drop period because of its prohibitive cost goes this way: Administrators fear that students would sign up for more hours than they intend to take and, after sampling all of them, would drop the ones they do not like. Professors are hired based on the number of students who initially enroll in certain courses. The number of sections that are offered is also determined in this manner. If an extra professor is hired to teach an additional section of a course because an excess number of students have signed up to take that course, then the University obviously has to spend more money.

We acknowledge that the possibility exists that extra professors may be hired and mass dropping of courses could make their presence essentially unneeded. But this shouldn't affect the length of the drop period in any way. Students currently

sample courses, and most drop courses, before the drop period ends. It is misleading to assume that if students have a longer drop period then they will drop more courses.

To argue that the number of courses students drop is a direct function of the amount of time they have to decide shows ignorance of one basic fact about students and their academics. Students usually decide whether to drop a course after they have received their first indication — i.e., test, paper, homework — of their progress — i.e., grade — in the course. Whether this decision occurs during the first weeks or during later weeks depends on when students are given this indication.

Richard D. Mochrie, chairman of the Faculty Senate, sympathized with students recently when he said, "It is unfortunate that some professors give no indication of how a student is doing in a course until (sometimes) the final exam."

When a student first realizes he will not do well in a course — i.e., fail — one option available to him is to stop going to class. In other words, many students unofficially drop courses after the drop deadline. The University recognizes such a drop only with an NC.

There is no difference in the cost to fund a student who officially drops a course before the drop period ends and a student who unofficially drops a course after the drop period is over. Thus the argument that costs would be lower if the drop period remains short cannot be applied to the actions of many students.

The Student Senate's latest proposal is a good start at getting the drop period extended. But let no one be fooled that it is the perfect solution. Either students should be given a longer period in order to decide what courses to drop or professors must be required to provide some indication of how a student is doing in his course before the drop period ends. Students deserve no less.

Centrist View

Survival of nation's economy depends on compromise or reversal of policies

The mystery of Reaganomics is beginning to be resolved and surprisingly it is David Stockman, President Ronald Reagan's budget director, who is resolving the mystery. What Stockman says in the *Atlantic Monthly* interview should cause people to worry more about the economy, and to remember George Bush's words last year when he called Reaganomics "voodoo economics." Reaganomics may well turn out to be a case in which the medicine is worse than the illness.

One aspect of Reaganomics is cutting the budget. The theory is that if the budget is cut severely, inflation will be alleviated because the government will neither have to print nor borrow as much money. However, Reagan has not really cut the budget; instead he has shifted appropriations for social programs to defense. This means one can expect more huge deficits in the federal budget and, as Reagan has admitted, no balanced budget in 1984.

Another aspect of Reaganomics is huge reductions in income tax. The cuts in income tax will supposedly increase the amount of net income Americans can spend, and if Americans have more money to spend then they will buy more goods and services and will also invest more. The result will be that the economy will expand and therefore create more jobs and increase productivity, making

The trickle-down theory operates on the premise that tax cuts should be directed at those people who are most able to invest, and that whatever profits they make will eventually trickle down to the middle and lower classes. However, I.S. Stoneman, former



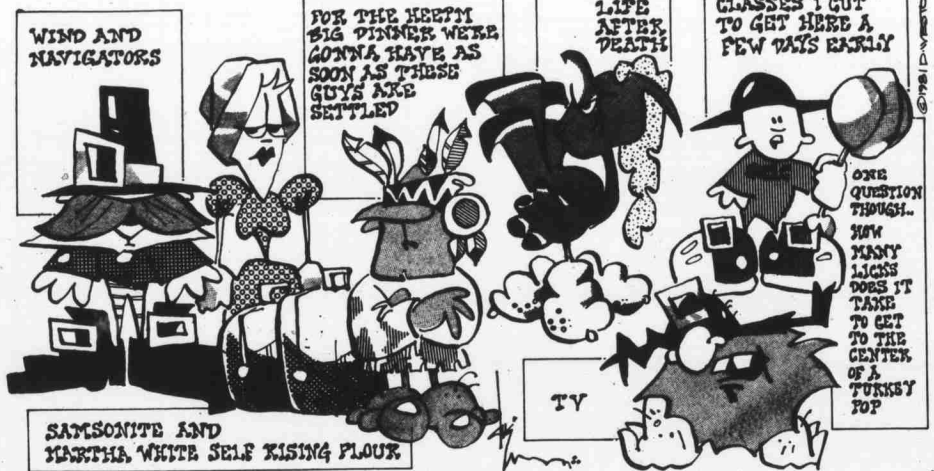
Henry Jarrett

editor and publisher of *I.S. Stoneman's Journal*, has said that if one were to ask a rich man if he were happy to get a tax cut, he would say yes. If one asked him if he were going to use the extra money to invest in stocks, he would say no. Even the new tax-free All-Savers certificates that are supposed to be for almost everybody are directed at the rich. The rich are not the ones who suffer the most from economic hard times; the middle and lower classes suffer the most. Reagan should remember that it was the votes of middle-income Americans that helped him win the election.

The final aspect of Reaganomics deals with social programs. Reagan has severely cut social programs in the 1982 federal budget, and more cuts can be expected to be proposed in the 1983 and 1984 budgets. His premise is that with an expanding economy, the poor will get jobs and social programs will no longer be needed. He has also said volunteer programs and charities should be able to take care of the needs of the disadvantaged.

However, even if a poor person is employed he still needs aid in providing food

ON THE ROCKYARD — IN PLYMOUTH...ca. 1600 WHAT ARE YOU THANKFUL FOR ...



Here and Now

Reagan misreads 'speak softly' advice

WASHINGTON — Everyone knows that Spanish-American War hero Theodore Roosevelt warned his successors at the White House to "speak softly and carry a big stick."

Foreign policy, Roosevelt believed, must be conducted quietly and persuasively — and it must enjoy the backing of a strong military. In its recent warnings to Cuba, the Reagan administration has seriously misread Roosevelt's prescriptions.

Secretary of State Alexander Haig told *The New York Times* recently that he had asked the Pentagon to draw up some plans for naval blockades of Cuba and Nicaragua. Haig said a blockade of Cuban ports would enable the United States to go "to the source" of military shipments to insurgents in El Salvador.

Although Cuban officials secretly told the State Department last May that they'd stopped running guns to Central America, the United States is raving as if it had heard nothing of the sort. Yet, while the United States talks tough, it doesn't have easy options with Cuba.

We can't embargo trade with Cuba; we don't have any. We can't send our ambassador home nor recall ours from Havana; we don't share diplomatic relations. And we can hardly invade Cuba: remember the Bay of Pigs? To try again would invite World War III.

Without the normal tools of influence, our policy-makers are left with only bombast.

Haig made great headlines but his words hardly translated into a sensible policy.

Luckily the Cubans are used to this kind of treatment. Threats from the United States have a long tradition there and toughened that nation to the prospect of invasion.

Roughly 10 percent of the population, or 1 million people, is involved in civil defense. Members of the military reserve drill regularly

Since the Italian government has no civil-defense program to shout about, the fallout shelter business is thriving.

One company, Securitalia Shelters located in Brescia, says its shelters of steel-reinforced concrete can withstand earthquakes up to 7.5 on the Richter scale and temperatures of up to 2,000 degrees Celsius. None of the firm's shelters, however, is guaranteed to withstand a direct hit.

Maxwell Glen Cody Shearer

patrol street corners and have responsibilities similar to those of neighborhood air-raid wardens here during World War II.

Meanwhile Cuba has the hardware to foul up an invasion. Its air force is well-supplied with Russian-made MiG-24 and MiG-27 fighter jets. Security analysts in Washington also believe the Cubans possess at least 24 "defensive" SAM III missiles and an undisclosed number of SAM IIs as well. The Cuban navy boasts 34 torpedo-equipped ships and 20 patrol vessels.

Cuba has changed a lot since Roosevelt charged up Kettle Hill to take on the Spanish. But the soundness of his "speak softly" approach still stands.

French President Francois Mitterrand drew a "tilt" recently with pinball enthusiasts. A new tax on pinball-machine gaming sent approximately 2,000 manufacturers, importers and players into the streets of Paris recently.

"Are you better off now than you were four years ago?"

That's what President Ronald Reagan asked the American people during a debate last fall against former President Jimmy Carter. More than a year later, the unemployment rate is 8 percent, the highest in six years. You can bet Democratic politicians will exploit Reagan's now-famous query during the 1982 congressional campaigns.

Two days before Egyptian President Anwar Sadat was assassinated, he was busy dictating an account of his crackdown on domestic opponents.

Sadat's memoirs, tentatively titled "Those I Have Known," is believed to be more than half-finished. The copyright belongs to the government of Cairo.

Italy's latest status symbol can't be found in a Gucci catalog.

Letters-to-editor policy

The *Technician* welcomes "forum" letters. They are likely to be printed if they:

- deal with significant issues, breaking news or public interest,
- are typed or printed legibly and double-spaced,
- are limited to 350 words, and
- are signed with writer's address, phone number and, if writer is a student, his classification and curriculum.

The *Technician* reserves the right not to publish any letter which does not comply with the above rules or which is deemed inappropriate for printing by the editor in chief.

Letters are subject to editing for style, brevity and taste. In no case will the writer be informed beforehand that his letter has been edited for printing.

The *Technician* will withhold an author's name only if failure to do so would result in a clear and present danger to the writer. Rare exceptions to this policy will be made at the discretion of the editor in chief.

All letters submitted become the property of the *Technician* and will not be returned to the author. Letters should be brought by Student Center suite 3120 or mailed to *Technician*, Letters to the Editor, P.O. Box 5698 College St. Station, Raleigh, N.C. 27660-5698.

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The *Technician* (USPS 485-080) is the official student newspaper of North Carolina State University and is published every Monday, Wednesday and Friday throughout the academic year from August through May except during scheduled holidays and subscription periods. Summer subscription is available. Membership from May through August. Offices are located in Box 3120-5121 of the University Student Center, Campus Avenue, Raleigh, N.C. 27607. Mailing address is P.O. Box 5698 College St. Station, Raleigh, N.C. 27660-5698. Subscriptions cost \$25 per year. Printed by Hinton Press Inc., Raleigh, N.C. Second-class postage paid at Raleigh, N.C. 27611. POSTMASTER: Send any address changes to the *Technician*, P.O. Box 5698, Raleigh, N.C. 27660-5698.

'If one were to ask a rich man if he were happy to get a tax cut, he would say yes. If one asked him if he were going to use the extra money to invest in stocks, he would say no.'

sure that every American lives happily ever after.

However, if one were to look at the tax cuts and see who gets the largest cuts, one would see that the upper class is going to benefit the most from the tax cuts. Therefore the tax cuts are just part of the "trickle-down theory" that Stockman mentioned in the interview.

Can a turkey really know...

by Bob Cairns
News Services

The next time someone calls you a turkey you may want to consider the comment a compliment. The wild turkey stalked by the pilgrims on that first Thanksgiving Day is still one of the smartest birds in America.



IQ

The domestic turkey that graces our holiday table seems to be the culprit causing the bird's low IQ image. But according to Charles Brewer, a State assistant professor of poultry science, man's efforts to produce an outstanding meat product have changed the bird in a way that masks its native intelligence.

Brewer assists the state's turkey industry in formulating diets for the birds and carries out turkey-related research at State.

In 1981 North Carolina became, for the first time, the No. 1 turkey-producing state in the country with revenues exceeding \$183 million.

"Pound for pound the broad-breasted commercial turkey is as smart as his wild relative," Brewer said. "Because of its excessive weight (males 25-30 pounds; females 15-20 pounds) the domestic turkey can neither fly nor reproduce naturally and must be artificially inseminated. But these limitations should not be misinter-

preted as having a bearing on the bird's intelligence.

"Because the wild turkey is mobile and has adapted well in the forest it has a reputation of being a much more cunning animal with a keener mind."

Extremely intelligent

Brewer noted that these wild birds are extremely intelligent and tests have substantiated that, like the squirrel, they have the ability to keep a tree between themselves and a hunter, and use this shield to move through the woods until they find safe shelter.

"But given the same amount of time and experience in the wild, these

wily ways would be exhibited by the domestic birds as well," Brewer said.

Studies at State have shown that if wild young turkeys raised in captivity are released and allowed to live in the woods, it takes them three to four years to become re-established in that environment.

"Given the chance, the domestic bird could establish itself there almost as quickly," he said.

Curiosity has long been considered a sign of intelligence and Brewer says the domestic turkey shows an interest in everything it confronts — from a new feeding dish to an old felt hat.

"If a farmer throws his hat into a turkey pen, the birds will flock around observing, assessing, all the while making a curious clucking sound," he said.

Brewer is quick to refute the old story that turkeys do not have sense enough to come in out of the rain.

Myth

"This business about turkeys caught in the rain holding their heads up and drinking until they drown is pure myth," he stated. "Like any bird, the turkey is not supposed to get wet. In instances when turkeys have died, they were being range-raised with little or no protection, got soaked to the skin, the temperature dropped and they froze to death."

State research

In a State research project designed to reduce the cost of turkey feed by cutting the percentage of protein, Brewer saw more evidence of the domestic turkey's intelligence.

"When the protein dipped to an unacceptable level, the birds began to eat their own protein-rich feathers to acquire their nutritional needs," he said.

According to Brewer, the turkey even makes a pretty acceptable pet.

"If no other turkeys are around, the domestic bird will do just fine," he said. "They can be trained to come when they are called and often can be taught to

follow their owners around like a dog."

The domestic turkeys with their made-to-order broad breasts waddle around like a man with an accelerated case of middle-age spread but, according to Brewer, most athletes would do well to have the bird's physical makeup.

"On the average human, body weight is 8 to 10 percent fat," Brewer said. "The turkey — which is over one third breast — has less than 1 percent body fat."

Best meat buy

Because of its low-fat meat, its high nutritional value and its economical price per pound, turkey is one of the best meat buys in America, he added.

"They can be bought in parts, as breasts, in rolls, in turkey-ham loafs and as whole birds," he noted. "In the past year a new frankfurter product made with turkey and chicken was introduced and gained more than 10 percent of the country's hot dog market."

This holiday season will mark a milestone in turkey pricing, with costs lower than they have been in more than 15 years, Brewer said.

So this Thanksgiving the turkey can hold his head up proudly. He is not only a great deal smarter than he is cracked up to be, but also — with skyrocketing prices and the growth of inflation — the bird is rapidly becoming man's best friend.



This turkey seems to know that tomorrow is Thanksgiving and gives our photographer a mean eye. Could this one be yours? He hopes not!

What does a State professor have to offer for New Zealand — energy from trees!

by Walker Mabe
Contributing Writer

Thanks to the research of a State professor, the people of New Zealand may be on their way to becoming energy independent. What's more, the research carried on by Douglas J. Frederick of the State forestry department may soon be applicable in North Carolina.

Eucalyptus

Frederick recently returned from an 11-month sabbatical in New Zealand, where he was a New Zealand Senior Research Fellow. Working at the Forest Research Institute in Rotorua, New Zealand, Frederick made intensive studies of various species of eucalyptus, a tree New Zealanders are considering as an energy source.

Because they grow quickly, members of the eucalyptus family can be an excellent source of biomass for energy, according to Frederick. A tree's biomass,

which is composed of the entire tree from bark to leaves, can be specially processed to produce liquid fuel.

However, the eucalyptus is not the major forestry crop in New Zealand, and very little was known of the plant's nutrient needs, its production rate and its potential energy yield. Frederick studied these vital aspects while on sabbatical.

"Eucalyptus is not native to New Zealand, although it is native to Australia," Frederick said. "But many species of eucalyptus, will grow better in New Zealand because the soil is better and because the country lacks the disease and insect problems that developed in the plant's native country."

Of the approximately 400 species of eucalyptus, Frederick narrowed his study down to the few which responded best to the growing conditions in New Zealand. At the end of the research period, Frederick had demonstrated that

eucalyptus yields exceed agricultural crops and other tree species in New Zealand, including the Monterey pine, the most widely planted forestry species in the country.

"The pine is the basis of the entire export lumber, domestic lumber, and pulp and paper industry in New Zealand," Frederick said. "However, the eucalyptus grows faster — even without intensive silviculture methods." Silviculture — the science of growing and tending trees — can be "intensified," he said, for the eucalyptus trees to make them produce even faster.

"We can space the trees closer together to get more out of a given area of land, and because they grow

rapidly, we can harvest them earlier," Frederick said.

Expensive

Although the process of turning tree biomass into liquid fuel is expensive because it takes considerable energy, the process is worth the expense to New Zealand because gasoline and other liquid fuels are already very expensive, Frederick said.

One way to get around that cost, according to Frederick, is to "merchandise" the trees, using the good wood for lumber and the leftover parts of the tree for energy conversion.

The State School of Forest Resources has a fairly large eucalyptus project

in the Southeast, although the species are different from those which grow so well in New Zealand.

At State, Frederick is doing research similar to his studies in New Zealand, working with native and exotic hardwoods in the Southeast. His work is funded by the Hardwood Research Cooperative, the U.S. Department of Energy and the U.S. Forest Service.

"Several forestry companies are looking at eucalyptus as an alternative or supplement to their energy requirements," Frederick said. "Paper and sawmills have always been very energy independent. Using biomass for heating and generating electricity can increase that self-sufficiency."

Thursday Pig Out!

classifieds

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State's Springs wins nationals

by Todd McGeer
Sports Writer

State's Betty Springs captured the national championship in women's cross-country Monday in Wichita, Kan. Springs became State's third individual national champion in the past three years. Last year the Wolfpack's Julie Shea was first, followed by Springs. This year, with Shea gone, Springs had it all to herself. Springs' winning time of 16:19 over the five-kilometer course was six seconds ahead of her nearest competitor, Leanne Warren of Oregon. Virginia's Aileen O'Conner finished third, just two seconds behind Warren to lead the Cavaliers to the national championship. Virginia also placed two other girls in the Top 10 and had its first five in the adjusted Top 10 to earn the championship.

"The race was fast from the start," state head coach Rollie Geiger said. "Betty was fifth after the first mile, but at the two-and-a-half mark, broke in front by 30 yards." From there Springs coasted home with the victory.

Geiger was not surprised with Springs' win. "She told me on Sunday that she 'felt good. I like the course, and I think can win.'"

Coming in second in the chase for the team title was Oregon. Its total of 88 was 52 points behind that of Virginia. Stanford was next with 105.

Michigan State and State had a close battle for fourth, with the Spartans nudging out the Pack by a point, 122-123. Clemson was sixth, only 29 points behind State.

San Diego State, Missouri, Penn State and New Mexico rounded out the Top 10.

"Three of the top six teams were from our conference, which is an outstanding effort," Geiger said. Behind Springs, State's next finisher was Sue Overbey in 32nd. Overbey, like Springs, was an All-America. Suzanne Girard finished only two places behind Overbey, but only the top 25 Americans are accorded All-America honors, and Overbey was the last.

Girard's time of 17:18 was just five seconds behind Overbey and only two

seconds ahead of teammate Lise Beck, who was three places back in 37th.

Sande Cullinane's time of 17:29 earned her a 46th-place finish. Kim Sharpe finished 68th in a time of 17:58 while Kim Setzer finished in 100th with an 18:56.

Though the team's fifth-place finish was a step down from the last two years' national championships, State did reach its team goal of finishing in the top five.

Steve Thompson, from the men's team, also participated in the men's championship as an individual. He finished 56th overall with a time of 30:23 over the 10-kilometer course. Twenty-two of the top 25 runners in the men's race were foreigners. Thompson barely missed out on All-America honors, as he was the 28th American to cross the line.

From Wichita, the women's team will travel to Los Angeles to compete in The Athletics Congress National Championships. Only the top five women on the team will run in the race,



Staff photo by Simon Griffiths

State women's cross country runner Betty Springs captured State's third straight individual national championship.

which is not sanctioned by the NCAA, and is just run for the competition. No goals, other than to run their best, were set for the team in this race. The top

six from this race will qualify for the world championships to be held in Warsaw, Poland. Springs qualified last year and became an all-world runner.

Pack downs Trojans

by Devin Steele
Assistant Sports Editor

Virginia State's fouls — along with State's consistency from the free-throw line — proved to be the deciding factor in the Wolfpack women's basketball team's opener with Virginia State Monday night in Reynolds Coliseum.

Led by Paula Nicholson's eight-for-eight accuracy from the line, State converted 19 out of 23 foul shots as the pre-season nationally 9th-ranked Pack rolled up an 89-86 victory over the Trojans before a home crowd of 2,000.

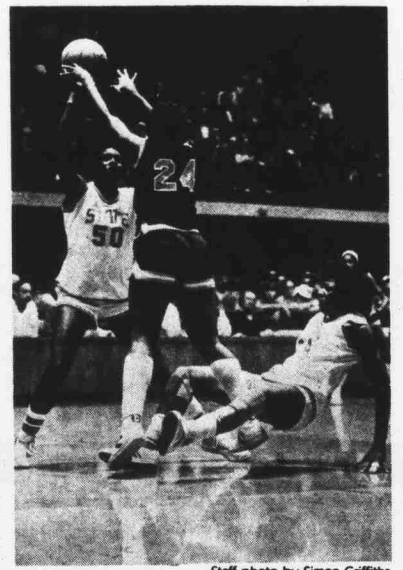
Nicholson, a junior transfer, finished with a game-high 20 points to pace the Wolfpack, which had 11 players score, including four in double digits.

State's depth provided a number of effective combinations to enter the game, which gave the Pack versatility in its running and inside game, overpowering Virginia's quickness.

"Tonight was more like an opening game," State head coach Kay Yow said, whose team played an earlier exhibition contest with the Cuban National team. "We played more people and used more combinations. Using a number of people helped us overall, but parts of our game weren't as sharp as we had hoped for."

Despite playing only 18 minutes, Nicholson hauled down nine rebounds and shot six-for-10 from the floor. Junior Angie Armstrong, the only player to play over half the game, dumped in 14 points while sophomore Karen Thompson hit 12 points and grabbed five rebounds. Freshman Linda Page cashed in 10 points and seized seven rebounds.

"We've never had this type of production inside before," said Yow, whose cagers will return from the Thanksgiving holiday to host Francis Marion Saturday at 6 p.m. "But we're still way off in the inside from where we want to be. I think we can do a lot better, though. Paula and Karen had great outputs but we still need them to take more shots."



Staff photo by Simon Griffiths

State center Paula Nicholson shoots over Virginia State Pam Rose as State's Karen Brabson looks on.

In a game which they never led, the Trojans put up a physical battle within the four corners of the court as they fouled 27 times and had six players with three or more infractions. Virginia State only shot five times from the foul line, a decisive key to the game's outcome. The Trojans finished with a 49 percent field-goal accuracy.

Pam Rose and Vanessa Jefferson led the visitors with 11 points apiece while Val Phillips and Marisha McCallum ended with 10 each.

"Close, but no cigar," said Virginia State coach Leon Bey, whose team suffered its second loss to a nationally rated squad in as many starts this season. "I think we held our own on a comparison basis. State was much quicker than I thought. They were very physical inside. We thought we were going to improve some since our loss to Old Dominion and we did."

Behind Nicholson's early eight points and Page's six, the Wolfpack streaked to a 16-point spread at 32-16 in the first 12 minutes. Page entered the game during its first five minutes.

The Trojans pulled to within seven at 43-36 on Joanna Jackson's jumper with 2:40 left in the first half. But the Pack was up 54-36 by halftime when Thompson hit twice from the field and Armstrong netted two layups and three free shots, as the visitors went cold.

In the second half though, Virginia State encountered an early hot spell. In the first five minutes, the Trojans reeled off nine straight

points to close the gap to 11 at 56-45. Yow attributed State's inability of matching its foe to her experimenting with several combinations during that spread.

"Our third combination of the half worked for us," she said. "Our very best stretch of the half occurred with that particular group of five in there."

That combination of Nicholson, Armstrong, Page, Ginger Rouse and Claudia Kreicker, along with Karen Brabson, outscored Virginia State 19-2 to give the Pack its biggest lead of 28, 79-51, with 5:09 left.

The Trojans got to within 20 at 81-61 with two minutes to go on Judy Douglas' 10-footer, but the margin was too wide for a last-minute comeback.

Yow noted the impressive showing of Thompson and the fact that Rouse, who was red-shirted two years ago due to a back injury, is having difficulty executing at top-level during the game.

"The biggest difference in Karen from last year is her confidence as a sophomore," Yow said. "Of course she doesn't have as much natural ability as some of the players she's playing against. But she makes up for that by her intelligence."

"Ginger is having a tough time getting started this season. It's still her mental game. She's afraid of re-injuring her back. She isn't quite as loose as she wants to be. She's self-conscious about making the wrong turn."

Tankers stroke by Cavs

by Pete Elmore
Sports Writer

State's men's and women's swimming teams swept victories from Virginia Sunday, to open the ACC season for both teams.

State defeated Virginia's men 58-55 and trounced Virginia's women 99-56.

The men, swimming without several starters including P.T. DeGruchy, staged a dramatic comeback against the Wahooos. After trailing the entire meet, the Wolfpack won the last event — the 400-yard free relay — and pulled ahead for the victory.

"No one believed me

when I said they were the most improved team in the conference, but maybe they will be now," said State swimming coach Don Easterling. "They were ready for us. Virginia is a very talented, well-coached team and they have very big boys swimming for them."

"We proved we could win under adverse conditions. Several of the swimmers did not make the trip because of illness. It's good anytime you come from behind and win in someone else's pond. Ron Postian helped us a great deal by winning both diving events. Chuck Gaul swam well and one of the freshmen, John Budd, swam

very well in his first collegiate meet."

The Wolfpack women cruised to an easy victory over Virginia in winning 14 of 17 events, led by sophomore Patty Waters who took part in four victories. Waters swam the third leg of the 400-yard medley relay which State won and then went on to win the 50-yard breaststroke and the 200-yard individual medley.

Other big winners were juniors Doreen Case and Beth Emory and freshman Catherine Conley. Emory and Conley won both the one-meter and three-meter dives.

Terp players honored

Maryland dominated the ACC weekly football awards this week after its 48-7 win over Virginia Saturday.

Terp senior running back Charlie Wysocki and North Carolina running back Kelvin Bryant were named co-offensive backs-of-the-week. Bryant rushed for 247 yards and two touchdowns in North Carolina's 31-10 win over Duke while Wysocki rushed for 153 yards and four touchdowns.

Maryland guard Dave Pacella, who graded out the highest for a Maryland lineman all

season and led interference for Wysocki, was named the offensive lineman-of-the-week.

North Carolina tackle William Fuller, who garnered four solo tackles, including two for minus-16 yards in sacks, as well as four passes broken up, was the ACC defensive lineman-of-the-week.

Clemson's Jeff Davis, an All-America linebacker, took defensive back honors with a 15-tackle performance, including 13 first hits, in the Tigers' 29-13 win over South Carolina.

Wolfpack's Wentz, Rodriguez take individual titles at Navy Invitational

by Bray Toot
Sports Writer

State's wrestling team traveled to Annapolis, Md., last weekend to compete in the Navy Invitational. The Pack won two individual weight classes and was in the running for a few more.

The tournament served as a tune-up meet for a lot of the Wolfpack's returners and it gave some of the freshmen and sophomores experience.

Chris Wentz won the 126-pound weight class by beating John Millward of Navy. The two-time All-

America had very little trouble winning his weight class. Rickey Negrete placed third behind Wentz and Millward. Negrete was defeated in an earlier round by Millward, but ended the tournament in third place.

Jerry Rodriguez won the 190-pound class with convinc

ing victories over the entire field. Rodriguez, an ACC Champion, has started the year off in the same form he showed last year when he was ranked No. 1 in the nation.

Vince Bynum, a sophomore from Wilson, pinned his first opponent in the 134-pound class, but lost to Ed Cullper of Navy and Bob Carmichael the second- and third-place finishers respectively.

The Pack was well represented in the heavyweight division by Tab Thacker. Thacker, State's 400-pound wrestler, won his first two matches but had to withdraw from the tournament because of

an injury. He is expected to be ready for the next tournament.

Steve Koob and Carmen Dellese lost to 142-pound winner Bill Sweezy of William & Mary, but they had respectable showings. Koob lost to Sweezy in the finals to place second and Dellese lost to him in the second round.

Wolfpack grapplers Chris Mondragon and Greg Cox had to battle for third place in the 158-pound class. Mondragon lost to second-place

finisher Mike Rogers and beat Cox for third place. Cox lost to 158-pound class champion John Davis of Morgan State in an earlier round. Cox finished the tournament in fourth place.

Also representing the Pack in the Navy Invitational were 177-pound freshman Greg Iatool, 177-pound sophomore John Connelly, 107-pound sophomore Terry Johnson, 158-pound sophomore Tim Loizos and 150-pound junior John Kowalski.

Pack cagers open schedule with Campbell

The football season kicked off in September and came to a close Saturday. Now it's

time to drag out that old rusty orange roundball and toss it up and wait till March to see how hard it lands.

State's basketball team opens up the hoops for real Saturday when the Pack plays host to Campbell University in an 8 p.m. tipoff in Reynolds Coliseum. The game is part of a doubleheader with the Wolfpack women, who start at 6.

"I have no idea how strong Campbell will be this year," second-year State head basketball coach Jim Valvano said. "I do know they have a pair of talented and veteran players in Tony Britto and Ron Curtis."

"Both are seniors and have played well against us in past years. I'm sure they will be ready for Saturday's

game and will perform very capably."

This will be the first of many games in the long campaign in which the Pack will be trying to better last season's 14-13 mark and receive a post-season bid. State dropped the Camels last season, 82-56.

Curtis, a 6-6 forward who led Campbell in scoring last season with a 13.0 average, had 12 points and seven rebounds for the Camels in last year's game. Britto, a 7-0 center, had 15 points and 12 rebounds in that contest.

Campbell will start 6-4 Reti Newton, 6-1 Harvey Smith and 6-3 Lee Quinn in addition to Britto and Curtis, while the Pack will go with some old faces.

State will start 7-5 Chuck Nevitt at center, 6-11 Thurl Bailey and 6-7 Scott Parzych at the forwards and 6-1 Dereck Whittenburg and 6-0 Sidney Lowe at the guards.

"We also hope to get a good look at our five freshmen under game conditions," Valvano said. "The key to our season could very well hinge on the play of Scott Parzych and Chuck Nevitt. Scotty has contributed a lot to the program the last couple of years but Chuck has been a two-minute player and now we're asking him to be a starter."

Bailey led the Pack in scoring for the Red-White and Belgrade games while Nevitt and Parzych have paced rebounding.

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Sylvers shine through cloudy past with new LP

by James Nunn
Entertainment Writer

The Sylvers have been in pop-soul music since the early '70s. The band's first success came in '72 with a single called "Fool's Paradise." In '75 and '76 the Sylvers made the Top 10 on pop charts with "High School Dance" and "Hot Line."

Since the success of those songs in the mid-'70s, the Sylvers have undergone many changes, both musical and physically.

The Sylvers is a vocals-oriented group, with all but one member of the band being brothers and sisters of the Sylvers family. The older members of the group, who were responsible for the earlier success, have left the band. Only two of the original bandmembers remain, the others having passed on the name, and the recording contract, to their younger brothers and sisters.

Today, the Sylvers is a quintet consisting of Foster, James, Patricia and Ricky Sylvers, and Angela Polk. The band has released their first album together, *Concept*. The album is not in the

The reorganized Sylvers have returned to the music charts with their recently released *Concept* album. The band now features Johnathan, Pat, Ricky and Foster Sylvers, and Angela Polk.



pop style of the old Sylvers, but follows the trend in soul toward studio-perfect, funkier music.

Unexpected closeness

Concept being the young Sylvers' first album on their own, the listener might expect a lack of the tightness that a band develops after having performed together for years. Yet the assistance

of two former members of the group, Charmaine and Leon Sylvers has insured the quality for this first album.

With songs written by Charmaine Sylvers, as well as several other top soul songwriters, and production guidance by Leon Sylvers, of the group Dynasty, the Sylvers had a head start in making the album.

Without the help of the

older pair, *Concept* would likely have been a shoddy album due to the lack of experience of the younger members of the group. As it is, the album is weak in only a very few spots, while at the same time featuring some of the best funk recorded this fall.

The strong quality of the cuts on the album are so because of top quality production in every aspect.

Potential soul hit

"Come Back, Lover, Come Back" is a potential soul hit. The song begins with

flowery orchestration and vocal arrangements but turns funky as the band starts up and joins in.

Weak points in the album are mainly due to the use of lyrics that have become cliché in soul music, as well as some very awkward vocal arrangements.

Talent is often wasted on songs with worn-out titles and phrases, like "Reach Out" and "Take It to the Top." The latter is the major offender, with the chorus line "You can take it to the top, if you don't stop." Though the song is well performed and produced, the musical value does not justify the use of trite lyrics.

As a whole, *Concept* is a surprisingly strong album. The better songs on the album make the new Sylvers' talents obvious, while at worst the group still compares well in the soul market.

Watch for the Sylvers on the soul music charts, especially with "Come Back, Lover, Come Back," which should earn the group at least limited recognition as a talented soul band.



Janie Fricke, Alabama and Mike Cross will appear in State's Reynolds Coliseum Sunday at 7:30 p.m. Reserved tickets are still available at \$9 and \$10.

Entertainment Briefs

THE DIARY OF ANNE FRANK will play at The Raleigh Little Theatre Nov. 27-28 and Dec. 1-5 at 8 p.m. Matinees are scheduled for 3 p.m. on Nov. 29 and Dec. 6. Reservations can be obtained by calling 821-3111 between noon and 6 p.m. daily.

CENTER GALLERY'S ANNUAL MEMBERS EXHIBIT will be on display through Nov. 29 during the hours of 11 a.m. to 5 p.m. on Fridays and Saturdays and 2 p.m. to 5 p.m. on Sundays. For more information call 967-1318.

THE VILLAGE DINNER THEATRE will be presenting Marvin Sandberg's comedy *Take My Wife*. The special Christmas show will open on Monday, Dec. 14, with three weeks of production scheduled.

The play deals with the lives of Harry and Sandra Roth, he a dress manufacturer and she a housewife on Riverside Drive in New York. There is a swinging bachelor son who happens to be a highly successful doctor and a hilarious assortment of neighbors intent upon ending the marital bliss of Harry and Sandra as well as the single life of their doctor son.

Armatrading's music says: 'Try it — you'll like it'

by Nancy Lach
Entertainment Writer

When one thinks of "innovative" music, pictures come to mind of eccentric musicians pushing their synthesizers and guitars to unbearable limits to break away from standard pop sounds or lyrics.

Usually judged as either successful or unsuccessful, innovative music also strikes at something even unconventional, possibly even taboo, such as having a black cat cross our paths or walking under ladders.

Joan Armatrading has released a new album that strives to say don't be scared to do this or that but have the courage to try new things. The album is named, appropriately enough, *Walk Under Ladders*.

Armatrading mixes the qualities of standard pop instruments such as guitar,

drums, piano, and saxophone with more non-standard instruments such as the organ, "talking" drums, and synthesizers to produce a sound that is slightly futuristic with only echoes of pop.

Besides an odd sampling of instruments, Armatrading toys with reggae, pop rock, ballad forms and new wave. Each song is original in sound but not always in lyrics. Armatrading can escape, though, with songs that may be trite in meaning with her exaggerated music.

"Only One," for example, begins:

*I wanna be just where you are.
I wanna take you so far away with me.
I wanna be your only one.*

*I wanna be the one you run to when you're down.
Although no new senti-*



Joan Armatrading

ment comes through, Armatrading sings this song with a vocal distance that makes her seem more like one who is observing the action than being involved in it. Her instrumentation backs her up with synthesizers and drums that float in and away from the listener producing a haunting effect. Strident at times in her music, Joan Armatrading can revert just as easily to a mellow ballad. "The Weakness in Me" is an uneasy "guilty-conscience" song about a wife who is having an affair with another man. Torn between the lover who drops by the house and the husband who is "some kind of an unknowing fool," this song has both a tension and a pretty melody that keeps the listener on his toes.

"When I Get It Right" is yet another style she undertakes — strong pop accom-

panied by staccato vocals. Not quitting there, "Romancers" is a mixture of reggae and new wave about friends that ironically try to crush out her dreams.

However, one of the faults on *Walk Under Ladders* is that Armatrading often pushes into a too high vocal range. The result is a wobbling, hound-doggish falsetto that closely resembles a Bee Gees singing by a full moon. Otherwise the vocals are firm, very punctuated, if sometimes clanking, and show Armatrading as a distinctive, promising vocalist.

Although *Walk Under Ladders* is not an album that will likely grab and hold the ears of Top 40 listeners, it is an album with an innovative and thoughtful singer/songwriter behind it and is well worth listening to.

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PSYCHOLOGY CLUB will hold a very important meeting Tues., Dec. 1, 4:30 p.m., 528 Poe. All members are urged to attend.

EMERGENCY MEDICAL CARE — There will NOT be a meeting of TEMPS Thurs., 7 p.m., rm. 210 HA.

DRIVERS LICENSE TEACHER needed to help group of handicapped individuals from Wake County Workshop learn information in N.C. Driver's Manual. For info call Volunteer Services 737-3193.

AIAA T-SHIRT design contest. Theme: Aerospace Engineering & AIAA. Contest deadline: Tues., Dec. 1, 7:30 p.m. at AIAA meeting. Winner gets a free T-shirt. Contest open to all.

WOMEN'S INDEPENDENT BOWLING — Entries taken from Nov. 16-Dec. 4. Four people per team. To enter, Organizational meeting, Dec. 5, 9:00 p.m., rm. 214, Carmichael.

VOTING RIGHTS ACT of 1965 Seminar sponsored by Delta Sigma Theta Sorority. Speaker: Rev. Ralph L. Stephens; 7 p.m., Cultural Center, Mon., Nov. 30.

NEED HELP WITH a Consumer Problem? Want to save money? Call the N.C. State Assoc. of Student Consumers, anytime at 2799. We can help.

STATE GAY COMMUNITY license committee meeting Wed., Nov. 25, 5:30 p.m. Meet at Two Guys' Rest.

BOYS' CLUB needs advisors for stamp/sports, photography, rocketry/airplane, TRS-80, table tennis, chess and adventure clubs. Call Volunteer Services 737-3193.

"MARRIAGE AND DUAL CAREERS" presented by Cummins Engine Co. for SWE Wine and cheese in the Walnut Room, Student Center, 6 p.m., Tues., Nov. 24.

MEDIEVAL HOUSE RED WOLF ISCA meeting Tues., 11/24, 6:00-9:00, Nelson 305. Plan midwinter revel. Jur. Dec. 5, make posters, rehearse play, refreshments. Newcomers welcome to meeting, revel. Information: 782-2980.

SIGMA PI TEXTBOOK raffle for Cerebral Palsy. Win up to \$150 for textbooks. Tickets on sale at Student Center Nov. 24, Dec. 1, and Dec. 8, 1981.

GAY & LESBIAN TALK TIME Every Thurs., 8 p.m., corner of Wade Ave. & Dixie Trail, parking in back, meet in Social Hall.

FACULTY BASKETBALL — Entries accepted until January 14. Organizational meeting, Jan. 14, 5:00 p.m., rm. 211, Carmichael Gymnasium. Representative from each team must attend.

COLLEGE BOWL — the varsity sport of the Mod. If you want to learn more about it, talk to Rich Holloway about being on the College Bowl committee. Call 737-5694 or come by Rm 3115 Student Center.

EMERGENCY MEDICAL CARE — anyone interested is invited to attend a meeting of TEMPS Thurs., 7:00, rm. 210 HA.

GET THE CHRISTMAS SPIRIT! Madeline sales begin Mon., Nov. 30, at the Free Expression Tunnel, 9 a.m.-4 p.m., through Friday, Dec. 4. 25 cents a bunch. Sponsored by 30 & 3 Honor Fraternity.

DANCE COMMITTEE will meet Thurs., Dec. 3, 8 p.m., rm. 3115G, Student Center. Everyone welcome.

SWITCH

Wednesday	Fabulous Nov. 25 Knobs
Thursday	PKM with Driver
Thanksgiving Night: the Switch, WQDR, and Tidal Wave Productions	
Friday	27 Super Grit
Saturday	28 Dazzel Boys
Sunday	29 Dazzel Boys
Monday	30 Cirkus
Tuesday	Dec. 1 Cirkus

Doors open at 8:00
Members Free Monday thru Friday
(some bands require that we charge)
Girls free every Friday till 9:00
Girls free all day Sunday
SWITCH is a private club
for information call 833-8037
ALL ABC PERMITS Guests Welcome

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raleigh, n.c.

Monday, Nov. 30
at 7:30

Come in and sign up.
ALSO PLAY...
DEFENDER, GALAGA, FROGGER,
QIX AND CENTIPEDE WHILE
YOU WAIT,
AND CONSUME YOUR FAVORITE
BEVERAGE.

FRIDAY NIGHT BASKETBALL — Entries accepted until January 14. Organizational meeting, Jan. 14, 5:00 p.m., rm. 211, Carmichael Gymnasium. Representative from each team must attend.

WOMEN'S INDEPENDENT BASKETBALL — Entries will be taken from Nov. 16-Dec. 4. Intramural Office. Organizational meeting, Dec. 5, 9 p.m., rm. 214, Carmichael Gym.

HAPPY THANKSGIVING!

Music City

EAST COASTS LARGEST COUNTRY-WESTERN NIGHT CLUB!

EVERY THURSDAY - WORLDS LARGEST
WET T-SHIRT CONTEST
\$500 PAID TO WINNER ON HORSEBACK
(all entrants paid \$50)

Music by Byron Paul & Sideshow
Fri. & Sat. The John D. Walker Band (Country Rock)

THIS WEEK

WEDNESDAY: Ladies Night with THE STALLIONS
free admission and draft for Ladies till 10,
25 cents draft for men

FRIDAY: GEORGE THORGOOD AND THE DESTROYERS
(only N.C. appearance) Tickets: \$10.00

SUNDAY: The one and only HANK WILLIAMS, JR.
Cover \$12

COMING SOON

Dec. 11 Stephen Stills

To Be Announced: NRBQ, Doctor Hook, Delbert McClinton,
The Nighthawks, plus more!

829-9572

DOORS OPEN NIGHTLY AT 8:00 PM 3210 YONKERS ROAD RALEIGH

Manhunt called off; award offered in killing of officers

CHARLOTTE (UPD) — A manhunt was underway in Charlotte Tuesday for three men wanted in the killing of a police officer, who apparently happened upon a \$120 convenience store robbery while on routine patrol. Police officials said as many as 100 officers, many off-duty, joined in a search of the area off Eastway Drive where Edmond N. Cannon, 26, was shot five times at point-blank range outside a Handy Pantry around 10 p.m. Monday.

The widespread search was called off at midday Tuesday and officers began checking out leads, vowing

to solve the case if "it takes 10 months." "I can assure you the whole department is working on this one," said Maj. Paul Capell at a press conference Tuesday evening. Officers also made an appeal to the public to contact them with any information.

Cannon was the third police officer shot in the line of duty in North Carolina this week and the second to die. The governor's office in Raleigh offered a \$10,000 reward for information leading to an arrest and conviction in the case.

Hendersonville Police Officer Dennie Enevold, 33, died earlier Monday at

Asheville Memorial Mission Hospital of a gunshot wound to the face he received Sunday while chasing a suspect. Edred Leon Hill, 27, of Brevard, has been charged with murder in Enevold's death.

On Saturday, Hamlet Police Officer Earl Diggs Jr. was shot in the arm by a man suspected of drunken driving.

According to Police Chief Mack M. Vines, concerning the murder of Cannon, "We feel that (Cannon) was unaware a robbery was in progress."

"He was met at the door by three armed black males who shoved him back and

shot him point blank in the chest area," Vines said. "The investigators have been involved throughout the entire night and are still trying to regroup and develop some leads."

The suspects fled on foot with Cannon's service revolver, Vines said, and a white station wagon was seen leaving the area about the same time as the shooting. A clerk inside the store was freed from a cooler by officers summoned by neighbors who heard the shots.

Cannon died about 45 minutes later from bullet wounds through the heart, arm and stomach. Doctors

said they cut open Cannon's chest and attempted a heart massage to revive him.

Cannon, who was not married, had been on the force since 1977. He was currently appealing a 10-day suspension for allegedly striking a man with a flashlight.

"Cannon was a fine, plain-cut, dedicated young officer," said Capt. David Glenn, Cannon's former commanding officer. "He was hard working, industrious... he was good at dealing with the public."

Vines said one theory in

the case was that the suspects had been involved in two previous robberies of a Samba's restaurant not far from the shooting. Those holdups occurred Nov. 14 and Nov. 21. In all three robberies, employees had been locked in coolers while the money was taken.

Vines also appealed to the public for information.

"We'll eventually close this case," said Vines. "We're quite confident about that. How much time it takes depends on how fast

(information) comes in," he said.

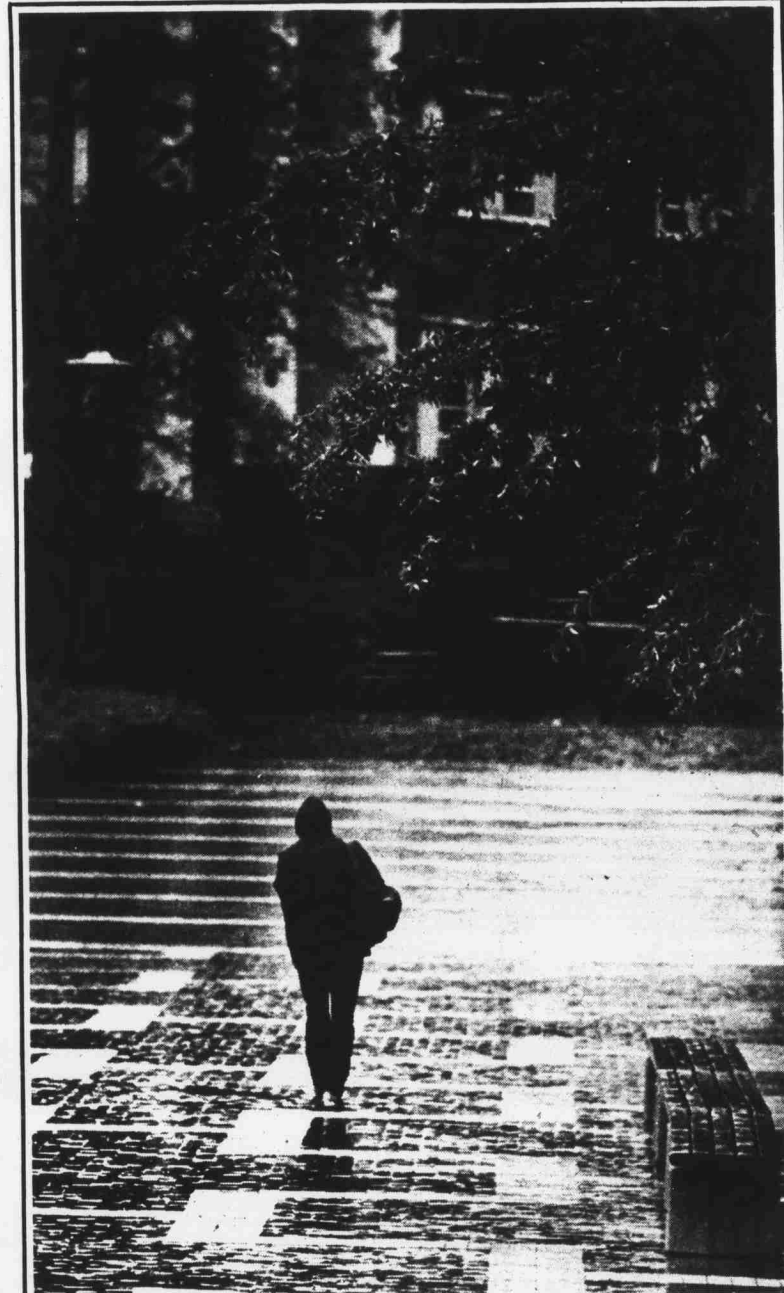
At the scene of the shooting, bystanders reacted with horror to the sight of Cannon's body sprawled in the street.

"The thing that got me was seeing the policeman helpless, face down along the curb. When you see something like that, you feel like chasing the people who did it," said Clay Huks, a bystander.

A telephone call from a neighbor, who heard the

shooting alerted police, and moments later a woman radioed police from Cannon's patrol car. "I need some help," the woman said on a tape recording of the transmission. Seconds later she told dispatchers patrolmen were arriving.

Cannon was the first Charlotte policeman killed on duty since the May 20, 1960, killing of officer Johnny Annas. Two Mecklenburg County officers were killed on duty in 1970.



Slick solitude
A student walks alone with the soft rain that slicks his path to class. It is only one of the many days State students have to walk to class in the rain.

by Patricia McCormack
UPI Education Editor

Switch on the television set anytime there's a shudder at a nuke plant or some crisis linked to high technology, and you'll get your ears pinned back by high-tech jargon flowing off a technocrat's tongue.

But you're not alone out there in duncedom, wallowing in high-tech illiteracy.

The talk is likely to be over the heads of all but other technocrats. It actually sounds like a foreign language. It goes in one ordinary ear and out the other, leaving fog in between.

The problem — technocrats talking over the head of Plain Jane and Plain Joe — is cited in a new report from the Carnegie Foundation for the Advancement of Teaching, in Washington, D.C., and the solution, said the report, is better education.

The report is titled: "Higher Learning in the Nation's Service."

Education in colleges, said the report, may even do well to consider adding a new major in contemporary civics or studies that give people information enabling them to have survival knowledge in many fields.

The authors, Ernest L. Boyer, foundation president and former U.S. commissioner of education, and Fred M. Hechinger, journalist, call on colleges to involve young — and adult —

students in courses that explore and clarify current public policy issues.

They cited public bafflement at the technical jargon used in the recent MX missile debate and Three Mile Island nuclear crisis as examples of what they dub "civic illiteracy."

They said it extends to local matters too, such as debates on zoning, public transportation and licensing of cable television.

Specialists, they claimed, increasingly are taking over the debates and using language most citizens don't understand. As a result, the report contended, people are barred from making informed decisions.

"In 1979," said the report, "millions of Americans sat uneasily in front of their television sets as the Three Mile Island crisis unfolded, listening to strange talk about 'rems' and 'cold shutdowns,' in what sounded like a foreign language."

"The truth is, it was foreign language. 'Most viewers had no reference points to give meaning to terms that were suddenly of grave concern.'"

"More recently, citizens have tried with similar bafflement to follow the debate over the MX missile, with its highly technical jargon of deterrence and counter-deterrence."

"Even what once seemed to be reasonable local matters — zoning regulations, school desegregation, drainage problems, public transportation issues, licens-



ing requests from competing cable TV companies — call for specialists who debate technicalities and who confuse rather than clarify issues."

The report also warned: "As a nation, we are becoming civically illiterate. Unless we find better ways to educate ourselves as citizens, we run the risk of drifting unwittingly into a new kind of Dark Age — a time when small cadres of specialists will control knowledge and thus control the decision-making process."

"These high priests of technology will understand, or claim to understand, the complicated issues, telling us what we should believe and how we should act. In this new age of growing confusion, citizens would make critical decisions, not on the basis of what they know, but on the basis of blind faith in one or another set of professed 'experts.'"

The report said the decline in public understanding cannot go unchallenged among those who care about government by the people.

"In a world where human survival is at stake, ignorance is not an acceptable alternative," the authors said.

"The replacement of democratic government by a technocracy or the control of policy by special-interest groups is not tolerable."

"We are convinced that both formal and informal education must rise to meet the challenge."

"Specifically, we believe that tired old academic workhorse civics must be updated and restored in the curriculum to what was once an honored place."

The authors said schools must gear up, educating people to understand the process by which public policy is shaped.

Otherwise, they contend people will not be able to make informed judgments on questions that will affect the nation's future.

The alternative to a new civics will leave such decisions to experts who fence others out by high-tech talk or jargon only other expert understand.

Arab peace plan given to officials

(Continued from page 1)

The plan's most controversial point is its implied recognition of Israel. Libya's Col. Moammar Khadafi is boycotting the summit because of its consideration of the Fahd plan.

The decision to debate the plan was considered a victory for moderate Arab countries, led by Saudi Arabia.

Despite the statement, conference sources said the Saudis remained firm about not allowing any major changes. More radical Arabs called for the plan to cite the PLO as the "sole representative" of the Palestinians.

Besides implicit recognition of the Jewish state, the plan calls for total Israeli withdrawal from land captured in 1967, the dismantling of all Jewish settlements and the creation of a Palestinian state.

President Ronald Reagan has called the plan a "hopeful sign" because of the move toward Israeli recognition but Israeli Prime Minister Menachem Begin rejected it as a plan to "liquidate" his country.

Libyan Foreign Minister Abdel Obeidi told reporters after the meeting, "There was unanimous agreement not to readmit Egypt to the Arab fold until it is finished with Camp David."

State football players charged with break-ins

(UPI) — Two State football players were arrested Monday night on charges of breaking into a car.

Dann Rockne Lute, 22, a junior defensive end from Wayne, Pa., and Phil Norvel Piurkoski, 22, a sophomore tackle from Rochester, N.Y.,

were arrested around midnight.

Police said they saw two men break into a car parked near a tavern. A pocketbook taken from the car was recovered.

Bond for each was set at \$1,000.

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