

Technician

North Carolina State University's Student Newspaper Since 1920

Volume LXV, Number 28

Wednesday, November 2, 1983 Raleigh, North Carolina

Phone 737-2411/2412

Britain to install U.S. missiles

LONDON (UPI) — Prime Minister Margaret Thatcher easily won Parliament's approval for stationing nuclear-tipped U.S. cruise missiles in Britain by the end of the year.

The 650-member House of Commons voted Monday in favor of placing the first 16 missiles at Greenham Common Air Base as part of the West's response to the Soviet Union's medium-ranged SS-20s in eastern Europe.

The house turned down by a 360-22 vote a demand championed by Labor opposition foreign affairs spokesman Dennis Healey for joint U.S.-British control over launching of the missiles in the event of war — the so-called "dual key" principle.

Healey vehemently opposed the missiles.

"The only argument for having land-based missiles is that the Americans might be able to fire them without involving themselves in a nuclear war," he said, insisting the cruise had no military value and

could easily be wiped out by the Soviet Union.

The dual key demand was an old issue revived following President Ronald Reagan's decision to intervene in Grenada — against the advice of Thatcher.

Reagan's ignoring Thatcher's appeal prompted some critics to say the United States would ultimately make its own decisions and the "consultation" clause preventing the firing of a nuclear missile from British soil without British consent was worthless.

"After Grenada, I think this country can no longer be satisfied with the present arrangements," Healey said.

Britain will ultimately station 160 cruise missiles — 96 at Greenham Common west of London and 64 at Moleworth in Cambridgeshire. West Germany will have 108 Pershing-2 and 96 cruise missiles, Belgium and the Netherlands were earmarked for 48 cruise each and Italy was to take 112.

Peace talks fail; fighting continues

BEIRUT, Lebanon (UPI) — Government troops and Druze Moslems exchanged mortar and artillery fire Tuesday despite national reconciliation talks in Geneva and an agreement allowing the limited evaluation of a besieged Christian village.

State-run Beirut radio said the Druze fired on army positions around the villages of Souk el Gharb and Dawr El Wahsh in the hills east of Beirut, setting off an exchange of artillery, mortar and heavy machine-gun fire.

There were no immediate reports of casualties.

Fighting has persisted despite the opening of Lebanon's national reconciliation talks in Geneva and an agreement between the Christian and Druze militiamen allowing for the evacuation of about 300 elderly Christians from Deir Al Qamar.

Druze leader Walid Jumblatt said in Geneva his fighters would allow the evacuation of the besieged Shouf mountain village as a humanitarian gesture timed to coincide with the opening of the reconciliation talks.

Druze and Christian sources said the evacuation would begin early today under Red Cross supervision.

The Christian town with some 25,000 residents is 13 miles south of Beirut.

Its population, swelled by refugees from nearby areas, has been trapped behind Druze lines since sectarian fighting erupted in the Shouf mountains in early September.

Fighting between the Druze and the Christian-led government's army has resumed intermittently despite a cease-fire that took effect Sept. 26 in the mountains southeast of Beirut.

Druze gunners Monday opened fire with mortars and machine guns on the heavily defended Lebanese army bastion of Souk el Gharb, eight miles southeast of Beirut, which was the focal point of Druze attacks in the Shouf fighting last month.

Jumblatt's conciliatory gesture contrasted with his earlier warning in Geneva that civil war might erupt again unless President Amin Gemayel and his Christian Phalangist supporters concede greater power and equal rights to the Moslem majority in Lebanon.

U.S. Marines, whose positions at Beirut airport are within sight of Souk el Gharb, began moving support personnel to 6th Fleet warships in another security move after suicide bomb attacks Oct. 23 killed about 230 American and 58 French servicemen.

They were members of the 5,600 member multinational peace-keeping force.

*to provide participants with skill and knowledge to help reduce crime.

Martin said the crime prevention seminars stress more than additional locks for doors.

He said entire communities must become involved and work for a common welfare.

Participants in a similar series in October of 1982 were awarded certificates of training. Martin said the seminars are intended to encourage participation in crime prevention.

Registration begins at noon.

Crime seminar begins safety to be discussed

Gina Eatmon
Staff Writer

A three day seminar on "Crime in Public Housing" begins at 1:30 p.m. today at the McKimmon Center.

Richard Martin, with the Department of Crime Control and Safety, said the seminar has three main objectives:

*to stimulate awareness among residents and management of public housing.

*to provide a forum for identifying problems of crime in public housing.

Registration begins at noon.

through next week. Seniors can sign up for appointments. Underclassmen are taken when time permits.

Monday, Nov. 7 — Friday, Nov. 11

Preregistration Schedule Request Forms for Continuing Degree Students are collected in the upper west concourse of Reynolds Coliseum.

Hours: 8:30 a.m. to 4:30 p.m.

Friday, November 11

Last Day to preregister. (All forms and substitutes must be turned in by this date.)

Monday, December 19

Tuition and fees are due to University Cashier.



Eenie, meenie, mienie, moe ...

Technician file photo

Homecoming is a very important tradition for many students on campus and choosing a homecoming queen is a large part of that tradition. Voting for the homecoming queen will start on Thursday. The poll will be at the Free Expression Tunnel.

Fire kills, injures crewmen on aircraft carrier during operations in northern Arabian Sea

PEARL HARBOR, Hawaii (UPI) — Six crewmen died and at least 35 were injured in a fire aboard the aircraft carrier USS Ranger early Tuesday during operations in the northern Arabian Sea, the Navy said.

A spokeswoman for U.S. Pacific Fleet headquarters said the fire broke out at 9:50 a.m. local time in one of the San Diego-based ship's four main machinery spaces and an

adjoining auxiliary equipment space. Lt. Liza Collins said the Ranger's commanding officer, Capt. Arthur H. Fredrickson, reported both fires were extinguished within an hour. A reflash occurred, but the later fire was out by 12:07 p.m.

There was no immediate explanation as to how the six deaths occurred. Collins said Fredrickson reported the injuries were mainly due to smoke inhalation, minor burns

and heat exhaustion, and were not severe enough to warrant medical evaluation.

The Ranger's damage control and firefighting parties concentrated their efforts in the main machinery space, containing two of the ship's eight boilers, one propulsion engine and related equipment.

Collins said the auxiliary machinery space contains an evaporator for making fresh water, turbogenerators,

air-conditioning equipment and miscellaneous water and fuel pumps.

Fredrickson reported some damage was done to the ship's engine spaces, but the Ranger was able to resume operations.

A Navy board of inquiry will be convened to investigate the incident.

The names of the dead and injured are being withheld until relatives have been notified.

Administration calls for bigger line of credit

Senate refuses to raise national debt ceiling

WASHINGTON (UPI) — Ignoring the administration's call for a bigger line of credit to enable it to pay its bills, the Senate refused to raise the national debt ceiling to \$1.45 trillion.

Led by conservatives who argued it would be better to cut spending than increase the country's debt, the Republican dominated Senate voted 56-39 against raising the government's borrowing authority by a quarter of a trillion dollars from the current level of \$1.389 trillion.

"It's a historic time for the Senate

to reject the increase in the debt limit to 20 minutes before it expires at midnight," Senate Republican leader Howard Baker of Tennessee said late Monday night in exasperation.

"I think what we did here tonight was akin to lighting a match near a gas tank."

Baker said he would try again to reconsider the vote or to negotiate a compromise with the bill's opponents, led by Sen. William Armstrong, R-Colo.

"There's a growing feeling in this

chamber, I'm afraid, that it's safe not to pass the debt limit. I'm saying it's not that have a feeling we're playing chicken, and I don't know who will blink," Baker said.

Monday's defeat culminated four days of debate often bogged down in unrelated amendments, including a resolution to pull American troops out of Grenada and a vote to kill the nuclear freeze resolution.

Earlier Tuesday, the Treasury Department canceled its auction of three-year bonds scheduled because of the inaction on the debt limit. The

delay was expected to raise interest rates slightly on Treasury securities and ultimately cost the government an additional \$250 million in higher interest payments paid to investors over the life of the debt.

Treasury Secretary Donald Regan, in a letter to Baker, said it is "imperative that Congress conclude action on the debt limit by the close of business" Monday.

The House approved a \$1.6 trillion ceiling earlier this year.

Aeronautics board proposes smoking ban

WASHINGTON (UPI) — The Civil Aeronautics Board's proposed smoking ban on short commercial flights would virtually prohibit smoking by air travelers in many cities, the Tobacco Institute charged Tuesday.

The CAB's proposal would place a total smoking ban on short flights, but the board has not determined what defines a short flight: one hour or two. It is also considering a proposal that would ban smoking on small airlines with planes seating 60 or fewer passengers.

William Toohy, a spokesman for the Tobacco Institute, an industry trade group, said research has shown such a ban would place a virtual prohibition on airline smoking in many cities.

"For example, no flights leaving Richmond would allow smoking if there is a two-hour ban in effect," said Toohy. "And this is what many people consider the tobacco capital of the world."

Smoking would be banned on 99 percent of the flights leaving Nashville, Tenn., 98 percent of the

flights leaving Austin, Texas, and 97 percent of the flights departing from another smoking capital, Raleigh, N.C.

Toohy's group commissioned a poll of 1,000 travelers to measure their response to the CAB proposal, which would not become final until after a public comment period ends this month.

The poll by Tarrance and Associates found 83 percent of the travelers felt the current government system of smoking and non-

smoking sections adequately deals with airline smoking.

"The major result of the survey was an overwhelming preference by air travelers to keep the present smoking regulation arrangement in tact," said the survey.

The board's action to toughen airline smoking sanctions came after a court battle with an anti-smoking group called Action on Smoking and Health.

Postal service seeks increase

WASHINGTON (UPI) — The Postal Service announced Tuesday it is seeking a three-cent increase in the price of first-class mail that would hike the cost of mailing a letter to 23 cents in late 1984.

Postmaster General William Bolger said increases for all classes of

mail are needed because of a projected \$800 million loss for this fiscal year.

The rate request, which must be approved by the Postal Rate Commission, also would increase the cost of mailing a post card from the current 13 cents to 15 cents.

Campus capsules

OFFENSIVE GRAFFITI will be removed more quickly from the University of Massachusetts-Amherst buildings as part of an effort to combat racism. A group formed by UM Chancellor Joseph Duffey to deal with racial incidents on campus recommended the new graffiti policy, which allows students, staff or faculty to call the physical plant, has racist or sexist graffiti removed quickly.

MALE-ON-MALE RAPES are a growing problem, says Michigan State University Department of Public Safety. Four cases of male rape have been reported in the last year, more than in any previous 12-month period. The increase may reflect a change in Michigan law, making male-on-male rape a more serious crime with heavier penalties. MSU police say male rape victims face the same dilemmas faced by female rape victims.

THREE-HOUR SIT-IN by hundreds of students at Rutgers University Kilmer Area Library prompted university officials to promise to consult students before making major changes in the facility. The sit-in was organized following reports that many upper level and graduate texts would be moved to another section of the university.

MORE THAN 100 STUDENTS signed up to be volunteers for the University of Nebraska-Lincoln's new Campus Watch program. The program, organized by a student, will send teams of students out to patrol the

campus, looking for criminal activity or fire and safety hazards. All such activity will be reported to UNL police. The group has its own insurance policy, and will give members vests and ID cards.

STUDENT COCAINE USE AND DEALING is on the rise, say some law enforcement officials. That means violence associated with cocaine trafficking is also increasing on campus. University of Colorado-Boulder police are probing cocaine traffic there after the drug related murder of a student this summer. U. of Nebraska-Lincoln police busted two students this fall, seizing \$200,000 of cocaine. One big factor: As the price of cocaine falls, and marijuana becomes more expensive, coke is more often the drug of choice.

LECH WALESIA couldn't come to Yale University, but he did send his apologies. Robert Thompson, a living area master, got a letter to Walesia through the Polish underground and invited him to speak at Yale. Walesia sent his response through Connecticut Sen. Christopher Dodd, who visited Poland this summer. Walesia said "present political circumstances" prevented him from leaving the country.

A STUDENT ASSOCIATION BOYCOTT of the Northern Illinois University Foundation isn't finding much support among donors. SA wants to pressure the foundation into refusing gifts from companies that do business with apartheid South Africa. But before its let-

ters to past donors were even in the mail, several major donors lined up squarely behind the foundation.

A GROUP OF CANDIDATES for Student Assembly office at Dartmouth College are running on an "Abolish SA" platform. The students aren't opposed to government, but favor stronger Class Councils as opposed to a central government.

A CAMPUS SCULPTURE may earn a formal protest from the University of Wyoming student government. Student senators there say the administration violated student trust by putting a sculpture in the middle of a campus green area without consulting students.

BY PROBING HEALTH INSURANCE costs, the University of Kentucky student government was able to save students there a half million dollars in premiums. Faced with a 40 percent rate hike for students' Blue Cross/Blue Shield policy this year, SG checked policies at other schools in the state, finding a company that would provide the same service for less money. Confronted with that data, the UK administration agreed to change insurance carriers, and to consider letting the contract through competitive bidding in the future.

THE PERILS OF HIGH TECH: When the Boston College Undergraduate Government tried to enter the computer age, it didn't plan on an old-fashioned problem-thieves. A demo computer, borrowed from a local company, was stolen from UGBC's office. Liability for the loss is still under debate by insurance companies for Boston College and the computer

company. If the college loses, UGBC could face a \$3,229 bill.

A NEW DRESS CODE for University of Iowa resident advisers and receptionists isn't popular. The code requires males to wear a shirt, tie and slacks and women to wear dresses or dress slacks while on duty. RAs have complained that a more formal appearance will hamper their relationships with students.

TO IMPROVE RELATIONS between the administration and students, Western Michigan University is holding a series of Sunday night forums. The "60 Minutes" series, as it's called, will make a different administrator available for questioning every week. The program, which opened with WMU President John Bernhard, was created by a group of resident advisers.

NEW DORM DAMAGE REGULATIONS enabled the Duke University housing management office to recoup \$21,330 in damages by students in the spring of 1983, compared to \$732 in 1982. The new regulations require students to fill out detailed forms listing existing damages when they move in and provide for vigorous inspections at year's end. Last year, Duke also charged for trash removal for the first time.

THE INTERFRATERNITY COUNCIL at the University of Arizona formally apologized to two black fraternities recently for a rush brochure that included a photograph of students in KKK robes. The picture was taken at a fraternity "plantation" party last year. The black fraternities had objected strenuously to the attitude the photo represented. IFC leaders said use of the picture was an oversight.

A 20-YEAR-OLD JUNIOR became the first white member of an all-black Michigan State University fraternity this fall. Mark Stevens says he just liked the Alpha Phi Alpha fraternity more than others on campus. After a week-long delay in its decision on Stevens, APA brothers voted to accept him and avoid making race an issue.

WOMEN DON'T USE student union recreational facilities as much as men do, says a University of Maryland study of the union there. The study, by the Counseling Center's research office, says that the union should broaden its recreational planning if it wants to draw more women. The study also showed that students' opinion of the union is based more on its physical facilities than its programming or activities.

BLACK STUDENTS expect to experience racial discrimination, especially from other students, says a University of Texas-Austin study. The student affairs office interviewed 3,000 people from 13 cities in examining minority students' expectations and problems. The reports show black students have a more negative perception of the university than white or Mexican-Americans.

HALF OF THE WOMEN at the University of Minnesota are fearful of being alone on campus at night, says a random sample survey by four journalism students. Only 32 percent of the women said they felt safe, while 92 percent of males said they felt secure or very secure. Half of all students surveyed felt it is the university's responsibility to protect students from sexual assault on campus.

THERE ARE FEWER FORMAL COMPLAINTS but more allegations of sexual harassment by Harvard students, officials there say. Assistant Dean of the College Marilyn M. Lewis, who handles such cases, says twice as many students reported harassment cases in 1982-83 as in the previous year. Lewis attributes the rise to an increase in awareness of harassment.

CAMPUS CHILD CARE IS AVAILABLE on 40 percent of all two-year and four-year campuses, says a study by the National Coalition for Campus Child Care. As older women return to school in larger numbers, institutions are increasingly pushed to help provide care for their young children. (CONTACT: The National Coalition for Campus Child Care, Milwaukee Day Care, Milwaukee, WI 53201, Attn: Pam Boulton.)

A UNIQUE PROGRAM for training American Indian social workers is now threatened by budget cuts. The American Indian Human Services Training Program, a four-year-old cooperative effort between the University of Kansas and the American Indian Junior College, is losing its federal funding after this year. Program directors are currently seeking other sources of funding but admit the program may be in danger.

COMPUTER LITERACY EFFORTS on college campuses are "chaotic but healthy," says one expert. Talking at the national EDUCOM conference, Richard Johnston, research director of the Exxon Education Foundation, said concerns over equal access to computers will diminish as they become cheaper. Another expert, Steve Gilbert of EDUCOM, urged colleges to "avoid confusing policy with hardware" and stay away from "ideological clashes over computer literacy." (CONTACT: EDUCOM, P.O. Box 364, Princeton, NJ 08540.)

FEMALE SPORTSWRITERS have their own academic program at Stephens College, a liberal arts school for women in Columbia, Mo. The program combines journalism and broadcast courses with physical

education and coaching courses. Its goal is to produce good women sports reporters who can write for print and broadcast and handle play-by-play commentary.

WIGS, "PAINTED FACES" and "inappropriate costumes" are out at Brigham Young University. Life recently issued new guidelines prohibiting students from wearing such gear into home games. Once in costume, students gain a sense of anonymity and are likely to misbehave. The new guidelines have angered some student fans who feel they are unnecessarily restrictive.

LIVE BANDS WILL ENTERTAIN Louisiana State University students while they scramble for seats to football games. The LSU Athletic Department scheduled pregame concerts in hopes they would calm down the student section and curtail a rash of fights over seats.

A SPEAKER SERIES ON SOVIET AFFAIRS will debut this year at Dartmouth College. A group of students organized the series, to counter what many have called the woeful lack of American scholarship on Soviet life. Among speakers scheduled to appear: former Secretary of State Dean Rusk and Carter advisor Zbigniew Brzezinski.

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- S-541 National Student Exchange Program
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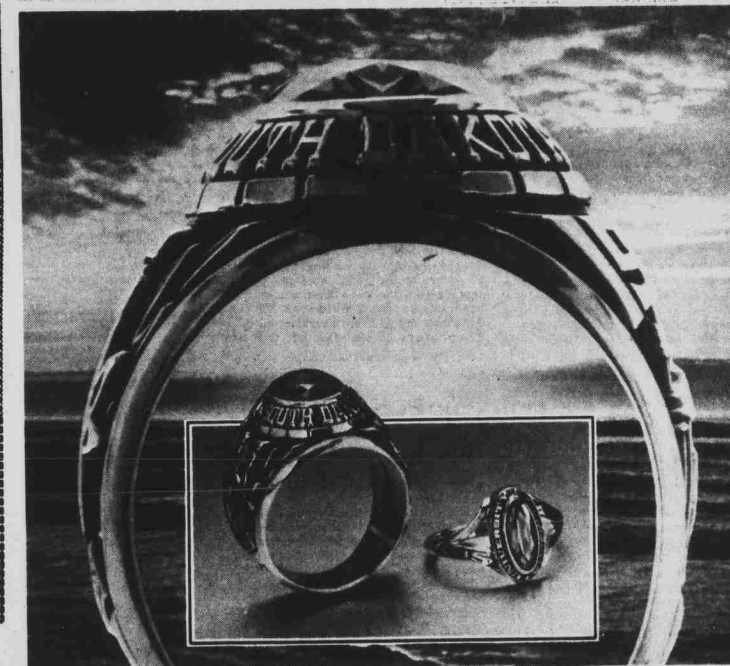
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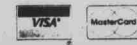
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The Real World Interface

A notebook computer?

Epson HX-20 newest portable to hit market



Staff photo by Marshall Norton

The Epson HX-20 portable computer is a compact notebook computer which has such features as a mini printer, a micro cassette unit and a word processor. The printer is the size of a briefcase and can easily be transported.

Minifloppies come of age; industry standards set

JAMES BRIGMAN

Science & Technology Columnist

James Brigman
Science & Technology
Columnist

Current methods for permanent storage of computer data are centered around floppy diskettes. Floppy diskettes are like a magnetic recording tape in the shape of an extremely thin record album. They are enclosed in a square black envelope of two sizes: eight inches and five-and-a-quarter inches. These sizes have become industry standards that define the size of the disk drive (a device that reads and writes to the diskette) as well as the diskette.

With all the inevitable miniaturization that has made portable computers possible, it has become necessary to develop a more compact way of storing data while retaining the speed and flexibility of the floppy disk concept. Thus, the next step has become the development of the "microfloppy," a more compact storage system that has the same capacity as its predecessors.

The Microfloppy Industry Committee (MIC) was formed in May of 1982 to decide how this new disk and its associated disk drive system would be designed. This fact doesn't seem very newsworthy in itself, but it is because there has been a lot of argument over who has the best design. The MIC

changes all that by quickly designing an efficient solution and setting down standards that the industry can use. The result is that smaller state-of-the-art systems get to the market sooner at a lower price. Companies compete on the basis of price and the ability to produce, not on the basis of design, which often creates problems like those found in the videocassette industry. (Beta and VHS formats are noncompatible. When Sony stops making Beta format recorders, Beta users will lose their investment as the cheaper VHS format becomes the de facto standard.)

The MIC is composed of more than 30 companies that have agreed to make microfloppies and microfloppy drives to certain well defined specs. These companies include makers of magnetic disks like Maxell, BASF, TDK and Verbatim as well as makers of disk drives like Tandon, Seagate and Shugart. This is a first in an industry shaken with wars that consumers often end up paying for dearly. It means that if you decide to buy a product that uses the new drives, you won't run the risk of being left with a piece of junk in the event that your company dies. Lately that has become an all too common occurrence in the computer industry.

What important standards has the MIC adopted? First, the new disks will be three-and-

half inches in diameter. This is the single most important spec since it also defines the size of the drive system and limits the minimum size of the drive mechanism. As is natural for IBM, they will not adhere to these standards. The drives in the IBM home computer are four inch drives. IBM hopes to become the de facto standard on price alone. Quite a risky move, even for a giant.

Second, the new disk drive will "look like" an older five-and-a-quarter inch drive to the computer that uses it. This means that the new drives will hook up the same way as the old drives and existing computers can be easily upgraded to use the newer, more compact drives. Existing computers don't have to go through an expensive redesign process to use the new drives. That's great news for all us poor folks who do not believe in disposable computers.

Third, the new diskette will no longer be "floppy"...it will be encased in a hard plastic envelope with a little spring-loaded door. The door covers the hole where the disk drive head touches the delicate internal magnetic disk. That makes it harder for

dust and fingerprints to ruin last week's accounting data. These mechanical improvements, along with improvements in capacity, add up to a much more reliable way to store computer data.

Along with these major improvements, the new disk drives are faster because the disk spins at a higher speed than the old disks. Also, data leaves the disk faster and enters the computer faster with a data transfer rate of 500 kilobits per second (that's about the equivalent of today's paper in one minute.) Storage capacity will be larger since the new disks will have 80 tracks instead of the usual 40 tracks. This means that an unformatted double-sided microfloppy disk will store one million characters! That's about a 200 page book in a space the size of a shirt pocket.

With the exception of IBM, the companies that will be producing computers using microfloppies have really gotten their act together. The industry has come of age and realized that what's good for the consumer is good for the company. Look for new, cheaper computers using the better, faster, smaller, higher capacity microfloppy disk drives.

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JOHN DAVISON

Science & Technology Editor

John Davison
Science & Technology
Editor

The "Real World Interface" page is in the process of doing evaluations on several mini and portable computers for Technician.

This is the first of the reports on the units tested.

The Epson HX-20 portable computer is one of the more attractive "notebook computers" on the market today. Standard on the HX are a version of Microsoft's Basic, a mini printer, a micro cassette unit, and a word processor called "SkiWriter." The printer is nice because it allows you to see what you've done without having to wait until you get home to hook up your "real" printer. This computer allows the operation of a serial printer through hooking it up to the serial port on the back of the computer, no interface unit needed.

The printer uses a small cartridge ribbon to print the dot matrix characters, instead of one of the thermal printers like some of the other portables available. The tape lets users "save" programs or notes without having to print them immediately. This is a real advantage because the printer puts out 42 lines per minute, at only 24 characters per line.

The SkiWriter word processor seems capable of doing almost any chores a student could come up with. It is so easy to use that a relative with NO computer experience was able to start using it intelligently within five minutes (as being shown how to turn the machine on). This article was written on the HX before being transferred to the Technician's equipment. The level of ease seemed to be one of the most important items when the machine was built; I have had no Basic programming experience, and within just a couple of days, I was writing effective programs (simple, but they often did what I wanted the program



to do, rather than what I told it to.)

There are eight different character sets available through using the built-in capabilities of the Basic language, and if you need to use one of them permanently, just take the machine back to the dealer and ask him to set a small switch inside the unit to allow that character set to be the "standard" one. DO NOT attempt to change this switch yourself, you may fry the computer's brain with a static charge.

SkiWriter has the ability to copy, delete, or move blocks of text around with ease, as well as finding specific words or character strings for you. There is even a page advance key to tell a serial printer to advance to a new page when you want.

The only flaw I could find with SkiWriter is that it doesn't allow the creation of italics or boldface, but that's just being picky. Besides, there is probably provision in the Basic for telling a printer more than I figured out in the few days I had the machine.

The base model HX-20 has 16 K random access memory, or RAM, and 32 K read only memory, or ROM, more than enough for the uses to which I tried to put it. This is expandable to 32 K RAM and 64 K ROM if you feel the need.

AS might be expected in a unit that is less than 9" x 12", the display is only four lines high by twenty characters wide, but it is a "window" into a memory twice those dimensions, and you can move it around with ease. You can also redefine the dimensions of the page you're looking at. It's sort of like looking at a big page through another piece of paper with a hole cut in it. Once you get used to this it's real easy to use (it took me about five minutes.) When being used as a word-processor, the

"page" does not extend beyond the window, but each line scrolls around to the next one automatically. The only time a carriage return is necessary when using the word-processor is when you wish to end a paragraph.

The "TAB" key advances five spaces to begin new paragraphs or to put extra spaces wherever you want them (and a few you don't if you type like I do.)

In addition to letting you buy pre-recorded programs from Epson, the micro cassette drive lets you store programs, data and notes without having to print them immediately after class. The tape drive functioned well over the duration of this test, "saving" and "loading" this article numerous times before I was finished.

The version of Basic which comes with the HX seemed to be what I had heard about the language — easy to get started in, but a little limited for really advanced scientific calculations. Limited for me at least, but then I'm not a computer wizard like some of the people who'd buy a notebook computer.

The screen editor which is used by the HX allows rapid corrections of individual program lines. You simply "LIST" the line to be fixed, space over to the point where the correction starts, and insert or replace the needed characters. When you hit the return key, the correction is made. This method can also be used to copy a line in a program and give it a new number. You just type the new number over the old one and hit "return." This keeps the old line, and finds the new one at the correct spot. What could be simpler?

The tutorial manual with the HX is easy to use, and allows the novice to get started with practical if simple programs almost immediately. In fact, my major complaint about the manual is that the little game and other programs are not cross-referenced so that you can find them without making notes about which one is where. Needless to say, that's not really a valid complaint. The second volume of the manual is a very com-

prehensive reference manual for the version of Basic used in the Epson. It is arranged logically and is a big help in learning if you don't want to go through the entire tutorial. Separate manuals are provided for the tape and the word-processor software, completing the library with the HX.

There is a piezoelectric tone generator in the unit with 56 different tones. This allows the creation of sound effects to go along with the simple animation effects the Epson is capable of.

There are five programmable function keys across the top of the keyboard. These allow the user to utilize definitions already in the machine or to define his own functions. Things like displaying the current time and date, running a program, even operating the cassette unit are all within the push of a button. Each key represents at least two functions, with additional functions being allowed to control the cassette unit.

I have been thoroughly amazed by the user friendliness of this computer, especially after spending several weeks learning how to use WYLBUR as a simple file generator, and a couple more learning to use SCRIPT with WYLBUR. Several friends of mine who are programmers have expressed interest in owning one of these machines, not because they can do all of their work on one, but because it's so versatile and easy to carry around.

There are several developments on the horizon for the HX, among them a disc drive option, a video controller, and a spread sheet program package. These, in conjunction with the newly released bar-code reader option, should make the HX-20 one of the more useful briefcase computers on the market today.

Now, if someone will just give me the money to buy one of them!

We will try to have evaluations on some of the competitive models of notebook computers in the near future. Watch this space for more "Silicon Wars".

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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

Free press violated on isle of Grenada

Eight days have passed since U.S. forces went into the Caribbean island of Grenada. Because of the secrecy of the mission, it was said, the press was not allowed to cover the actual invasion itself. And even though the island now has been essentially secured, the press is still not allowed free access there.

For a nation like the United States, which has always prided itself on its freedom, to set such a precedent with the freedom of the press in the Grenadian affair is at best an affront to the rights of Americans to know what their government is doing. Even after the resistance to American force in Grenada had been isolated to the hills of the island, the only press coverage allowed was in the form of pool reporters under military escort — American military escort.

The first film footage of the action on Grenada was released and censored by the U.S. Army, and even now, eight days later, the press is not allowed free access to what is happening on Grenada. This kind of government censorship, especially the military, is unprecedented in the history of our country and should not be tolerated under any circumstances.

The inevitable questions must be asked. Why is our own government screening the access of news to its own citizens?

Is there something going on in Grenada that the government and military do not want us to know?

And most important, will this precedent be the start of further cooling between the Reagan administration and the press; between the American people and the truth?

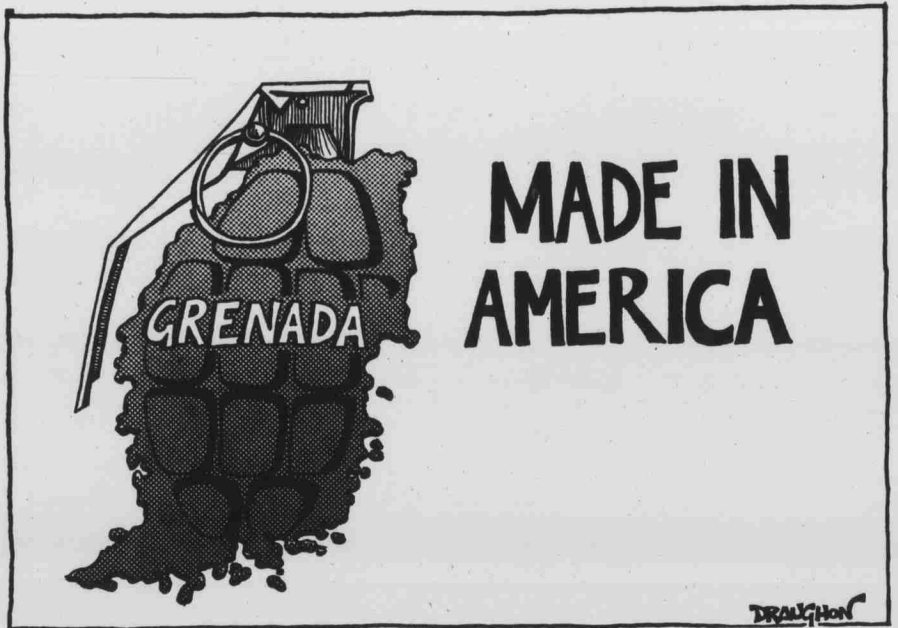
Maybe the press became spoiled by

the weekly press conferences held by then-President John Kennedy in the early 1960s. That tradition of weekly press conferences was carried on by Lyndon Johnson, despite growing criticism of his policies in Vietnam, and even in the face of unrest that would eventually drive him from the White House. Johnson continued to face the American press, and consequently the American people, on a regular basis.

It wasn't until Richard Nixon became president that the relationship between the press and the executive branch of the government began to sour. As his public image worsened, Nixon waged war against the press more and more, regularly until the presidential press conference changed from a weekly to a seasonal function.

The saddest part of this story is that the American people, not the reporters who collectively make up the press, are the ones who stand to suffer the most. The record of the Reagan administration and its relationship with the press was one of cool and infrequent access even before the Grenadian invasion. Now, we cannot even be sure of what the truth is in a situation in which American lives are at stake. What next?

Nowhere in the Bill of Rights, or anywhere else in the Constitution for that matter, is there any mention of exceptions to the first amendment. The government, including the military, does not have the right to suppress the truth from the American people, for the American people make up the government. We are the government. The people have a right to know and should stand up for that right. If we lose that, we will have no way of knowing what we are losing next or when we are going to lose it.



State students deserve Cultural Center instead of dilapidated party spot

Recently, the black students at Duke University opened their cultural center. After years of labor, Duke's Black Student Alliance can proudly display a real cultural center.

Meanwhile, at State, across from the Harris Hall parking lot on the west side of Dan Allen Drive, lies a dilapidated building called the Cultural Center. Surely the student body is familiar with the building. It seems to be the No. 1 party spot for State's black student population on weekends. I would hardly call that a cultural center.

Rumor has it that the State administration gave this dilapidated building to the black students to be used as a cultural center. The truth is that the cultural center is the result of a retreat attended by black and white students. The building was considered the place where State's black students could come together.

Some students probably think that wanting a cultural center is just another case in which black people "scream for integration but strive for segregation." That thinking is wrong. Many people, especially white people, fail to see the relevancy of students at State wanting a cultural center.

The key words are integration and assimilation. Generally, white people view



JAMES E. TURNAGE

—Editorial Columnist

integration as an assimilation process. Whites believe blacks should be content with the main culture or at least learn to accept it. Black people find no problems with such differing tastes as bluegrass music, clogging or Zoo Day, as long as blacks have the same opportunities to enjoy soul music, step shows or Rick James concerts.

That gift standing along Dan Allen Drive is hardly the best a progressive university like State can do for its black students. The building is an eyesore. Soiled carpet, shabby furniture, chipped paint, broken windows, holes in the walls, filthy bathrooms, graffiti and broken lights are commonplace.

Funds were generated to install a new floor, which seemingly was to benefit Learning Opportunities Unlimited classes. Now we have a dilapidated building supposedly belonging to black students with a floor seemingly belonging to LOU. What a farce.

Funds should be generated to remodel this building into an authentic cultural center. The building deserves full-time maintenance similar to that given other buildings on

campus. The administration is dragging its feet. Keep in mind, fellow students, it's been years.

Let's not overlook one significant point. The black students here can hardly claim to be using their "gill" as a cultural center. If one were to pass the cultural center when it is in use, one could expect to see plenty of blacks standing out front enjoying the event inside. This event is certain to be a party.

The cultural center really has the atmosphere of a hot, crowded dance hall. When will black organizations start sponsoring cultural events? Actually, Society of Afro-American Culture, which for all practical purposes is analogous to the Black Student Alliance at Duke University, requires organizations to sponsor at least one cultural event in the center per semester.

I believe the cultural events will come. SBE and Delta Sigma Theta were the first to sponsor an event other than a party. But for quality cultural events, that building across the road would be an embarrassment. For black organizations at a major university such as State to offer the current cultural center as a top facility available to prominent black speakers, forums and such is ridiculous. The thought of accepting the current structure as our cultural center depresses me.

Congratulations are in order to the black students at Duke University. Perhaps the president of SAAC should give the president of the Black Student Alliance a call, because for black students at State, it has been a 12-year struggle — a struggle in which its ending is long overdue.

forum

Random distribution hurts game

When the 1983 National Champion Wolfpack basketball team slam-dunked Houston last April, the love shown by all State students and fans was amazing. It was a graphic illustration of the importance of basketball on this campus.

From the first game of the year against Western Carolina through the great 70-63 victory over North Carolina to the emotion-filled season finale against Wake Forest, the student sections gave State one of the largest home-court advantages in the country. Make no mistake about it, the hard-core support in the student sections came from the hundreds of students who camped out to be close enough to the court to make their feelings known.

The students who camp out for each game have a special love for this university and its basketball team. It's easy to support a team that wins the ACC and is advancing in the NCAA Tournament, but it's another matter to support a team every game of the season. When State was 9-7 last year it was this hard-core group of fans that refused to let the team get down, and it was this group of fans that fired up the rest of the student body during games.

Student Government wishes to end campouts and disperse this group of fans all over the coliseum. It is doing this by implementing random distribution. This system is unfair to all students.

Not only does random distribution stop the most enthusiastic fans from being court-side, it has the potential to take these seats entirely away from students for some games.

Any unclaimed student tickets go on sale to the general public before the game. This involved several thousand tickets at some games last year and will again this year. If student pickups stop before the mid-court seats are given out, the general public will have them.

Student Government's claim about helping students academically by ending campouts is completely ridiculous. Under the current campout system, it is easy for students to attend class.

During the day, people from each group are relieved by others so classes won't be missed. The only people in line during the day are already out of class.

With random distribution, those who want the best seats are encouraged to miss class by going

through the line 15-20 times until the best seats are available. This creates long lines all day, making students miss class. Last year's Virginia game proved this.

Student Government also claims many students will not be able to obtain the best seats because of other commitments. This makes no sense either. Under the campout system, one person pulls a few hours until the morning of distribution when everyone must be present. While a student may not even have time for this minor sacrifice for some games, he will be able to campout at some time during the season without it conflicting with his schedule. This is a time-honored and proven system. Student Government is creating total chaos by replacing it with a system that created more trouble than it was worth for the Virginia game last year.

What can Student Government do? It had the right idea when it gave out numbers for the North Carolina football campout this fall. It prevented cutting in line and made everyone feel secure about their place in line.

Student Government helped with the North Carolina basketball campout last season by fixing points across the street to form lines and walking them across the street when the time came. This was a positive step.

It is hard to see the logic in implementing a policy like random distribution. This will reward the casual basketball fan while punishing those who would brave any weather conditions just to show their support for the Wolfpack in every game.

Random distribution should be repealed immediately, and positive steps such as assigning numbers to people in line should be implemented.

What can the students do? First, get involved. Write letters to the Student Government and Technician. Sign a petition or call up one of the senators who represents you. The next Student Senate meeting is scheduled for Nov. 9, and the policy can be changed then if enough student support is shown.

Pete Elmore
SRCE

Denominations criticized for economic and political views

Is God a capitalist? According to Asheboro underwear manufacturer David Stedman he is. And he believes Christians should believe that too. To spread his gospel of God and capitalism, Stedman has established the National Foundation for the Study of Religion and Economics. Among the sponsors of the foundation are Raleigh building contractor Seby B. Jones and Rev. Douglas J. Culver, the founder's president.

Stedman started the foundation because



HENRY JARRETT

—Editorial Columnist

he is upset with the stands many Christian denominations have taken on such issues as

redistribution of wealth, nuclear freeze and Central America. He is especially upset that his own denomination, the United Methodist Church, criticized the great inequalities in Central America.

Stedman believes communists have infiltrated many denominations and thus made them anti-capitalist. But if that is true, Pope John Paul II should be embracing the regime in Poland rather than chastising it.

All this reminds one of the days in the last century when most Christian churches were wedded to sweat-shop capitalism. Ministers told their congregations that suffering for meager wages was good for them and would result in a just reward for them in heaven.

It has been only within the last century that the Christian church has taken a critical look at economics. Rightly, many Christian churches have taken the stand that all economic systems are subject to the judgement of God and that none shall be favored.

An economic system must be judged not only on the basis of how wealth is created but also on how it is distributed. While the capitalist system has proven a great creator of wealth, it has also proven to be an unfair distributor of it. It is on this point that many Christian denominations have been critical of capitalism. They have not asked that capitalism be eliminated, but they have asked that wealth be distributed more fairly.

If the Christian church has become communist-oriented because of special concern for the poor, maybe Stedman would consider Christ to be a communist. Although Christ preached his message to all people, he did hold in his heart a special place for the poor. In his ministry, it was compassion for the poor and not the profit margin that mattered.

Trying to force any church to favor any particular economic system would destroy its role as an objective participant in society. When a church starts favoring one particular economic system, who is to say it cannot pick one particular political system? And when that occurs, the separation between church and state is blurred.

TECHNICIAN
Weekly North Carolina State University since 1920

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 Technician (0297-050-050) is the official student newspaper of North Carolina State University and is published every Thursday, except during academic holidays and during summer vacation. Summer publication is every Wednesday from May through August. Offices are located in Suite 2129-2121 of the University Student Center, Campus Avenue, Raleigh, N.C. 27697. Mailing address is P.O. Box 2608, Raleigh, N.C. 27699. Telephone: (919) 973-2608. Second-class postage paid at Raleigh, N.C. Postmaster: Please send address changes to Technician, P.O. Box 2608, Raleigh, N.C. 27699-0208.

Invasion of Grenada halts expansion of Soviet and Cuban militarism

The invasion of Grenada points out several topics that need to be addressed. These topics deal with the military, media and government.

There are few people who would dispute the evidence uncovered on Grenada. This evidence supports the belief very well that Grenada was fast becoming another Cuba, except this time the second Cuba would have been closer to South America. Also, Grenada is located in a very strategic position.

Fifty percent of all U.S. imported oil is shipped between Grenada and Venezuela. The need for oil is paramount, and a military base with Cuban fighters directly in the path of our supertankers would be a very risky foreign policy development.

The new 9,000 foot runway would have been an excellent military airbase for the Soviet Union or Cuba. Indications are that the base would have been used to support Cuban MiGs.

The claims of the Castro government that the base was built for commercial aviation are totally ridiculous. The hangars being constructed were reinforced with concrete and were entirely too small to allow entrance of a commercial airliner. They were only large enough for fighter-bombers. That they were reinforced against bomb blasts only contributes to the silliness of Cuba's continuing lies over the intended use of the airbase.

The U.S. forces uncovered three warehouses full of weapons, catching the Cubans with their pants down. They were unable to remove the weapons before they were captured. Valuable proof of the export of Marxist revolution has been uncovered in these warehouses. In a few days, the world should hear and see condemning proof of the true nature of the Castro government — it is a base of Marxist revolution in Central America.

The facts surrounding the weapons in the warehouses should not be lost on us. Since the rise of Marxism in the area, the Cubans have said they are not exporting violence to other nations in Central America. Castro said they were exporting economic assistance, only.

Right, and I suppose the crates in those storehouses in Grenada marked "spare parts" and "medical supplies" were really not housing AK-47 assault rifles. Rather, the cameras of the U.S. media were mistaken and our eyes were deceived. The Cubans had obviously done a great job of making piston rods and spark plugs look like assault rifles and ammunition.

Of course, there was no mistake. It was there for all to see. Crates upon crates of weapons marked with deceiving logos were lying in those warehouses.

The Cubans fed, and they are still trying to convince the world of their peaceful

intentions. Of course, to those who maintained from the start that Cuba was exporting revolution, the crates were not surprising. To those who were snowed by the Cuban lies, well...

The real question is whether the United States was justified in invading Grenada.

I believe we were for three very justifiable reasons.

The U.S. students at St. George's Medical School were endangered. They were subject to a curfew placed on all people in Grenada, a totally unreasonable curfew. It was in effect every hour of the day. It simply stated any person on the streets who was not a part of the Cuban or Grenadan military would be shot on sight.

The students were not allowed to leave their rooms. They were not allowed to leave the country. They were in effect, prisoners of the Grenadan government that murdered Maurice Bishop and 13 other former government leaders.

The students were scared, very scared. They were the ones in Grenada, not the university chancellor who assured their safety to reporters. He was away from the country at the time.

The statements of the rescued students should speak for themselves. They were elated at being rescued. They definitely felt their lives were endangered.

The U.S. was asked to invade, not only from the Organization of East Caribbean States, but also by the British head-of-state on the island, Governor-General Sir Paul Scoon.

The people who were closest to the island, those whose interests were tied to stability and safety on the island, requested the invasion.

It is easy for those safe in the U.S. and Europe to question the request for assistance. Their lives and interests were not threatened by the situation. The Grenadan people have shown their support of the invasion by their cheerful hospitality to U.S. troops on the island.

Almost all those directly involved in the invasion have supported it.

The U.S. government has a responsibility to prevent Cuba from exporting violence in our hemisphere when such revolution is outside the will of the people involved.

If the people on Grenada had favored the Austin regime, the drastic shoot-on-sight curfew would have been unnecessary. That it was necessary should prove the Grenadan resistance against the Hudson regime.

Despite the rule of Bishop — a leftist who favored Marxism — private enterprise continues to dominate the economy of Grenada. The people in Grenada prefer free enterprise and democracy, and because of the invasion, the Grenadan people will vote for the government they want.

A democracy will replace a violent

KEN STALLINGS



News Co-Editor

authoritarian regime that ruled outside the will of the people. If this is not democracy in action, what is?

The U.S. invasion was justified. According to a Harris poll on ABC's newsprogram "Nightline," the American people have shown overwhelming support of President Ronald Reagan's bold foreign policy victory.

But the media have also complained about being unable to cover the invasion as it unfolded.

My answer is this: During the course of the Vietnam War, several instances of press leakage were documented. This leakage is proven to have caused needless deaths of soldiers in the war. The leaked information

gave the enemy valuable intelligence information — information used to the fullest military advantage.

The press should not forget this.

If the press had been carried along, it would have alerted the Cubans that the Americans were planning something big. To prevent whatever action planned, the Austin government could have done something drastic — like kidnap the American students as protection from invasion, thus giving us another hostage crisis like Iran.

The military forces in Grenada could have been alerted to possible action and been waiting for the forces when they arrived. Any person should be aware of the critical and decisive role surprise plays in military operations.

Certainly the American people have a right to be kept informed of the actions of their government, but not when such press coverage could have easily resulted in hundreds of deaths.

The proponents of the media being taken to the invasion should air their gripes to the hundreds of American soldiers who would have lost their lives had the accompanying

press prematurely released information.

The Cubans have spies who cover the U.S. media. They are not stupid. They know the media will scramble to cover the events of a U.S. military action. They also know the U.S. military has historically carried reporters on any expedition resulting in action.

In a statement appearing in *The News and Observer* the day after the invasion, Fidel Castro said he did not know the mission of the U.S. forces or their positions. Had the press accompanied the invasion force, it would have released such information, giving Castro the knowledge he wanted.

Castro was in the dark about the next move of the U.S. forces. This is why the invasion was so successful. The element of surprise was not squandered.

Reagan handled the invasion in a smart manner. He adhered to proven military principles and was willing to commit military forces in such a manner as to insure success.

Because of this, the invasion was very successful. And in one move, the U.S. has reversed the foreign policy picture in the Caribbean to our advantage.

We won this one.



forum Student questions fee increase

I am requesting an explanation for the recent laboratory fee charged to students signed up for courses with laboratories. The fee came as a surprise to most students and parents. There was no warning or explanation with the bill and no

information as to where the money is going. After talking to various faculty members, I have found that they do not know much about it either.

In my curriculum, I have to take many classes that have laboratories, and I realize the need for money for equipment and materials. I have also taken classes with labs that use few materials. I do not think everyone should have to pay the same fee when they are obviously not reaping the same benefits. As far as I can tell, there is no way of knowing what schools (if any) will get any benefits from this fee.

State is a public institution, we are all paying for

it, and we deserve to know where our money is going. On these grounds, I would like to know, specifically:

What is the money for? Where is it going? When will it be received?

As mentioned above, I understand the need for this charge, but I think the methods of carrying out the need are very sneaky, and I disagree strongly with them.

Kathy Wylie SR TX

op-ed Technician

forum policy

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Features

Runners find pleasure, exercise in campus fun run



Photos by Bob Thomas

ROT's three mile fun run last Friday brought over 100 participants to join in the fun and exercise. The first runner crossed the line in 16:34.



Although the run was labeled "fun run," for some it still had its painful moments.



"I actually ran three miles!" The thrill of finishing brings much excitement and a feeling of relief.

Melanie Vick
Feature Editor

"No pain, no gain" must have been a popular motto Friday as 142 people turned out to pound the pavement during a three mile "fun" run sponsored by Army ROTC.

The run began in front of the Student Center, continued along Sullivan Drive to Method Road. The course then shifted back to the left along Jackson Street, to Morrill Drive and finished on the track field.

The lead runner, David Buckner, crossed the finish line with a winning time of 16:34. Army ROTC supplied much needed refreshment to the breathless runners who crossed the finish line. T-shirts and albums were given away in a drawing immediately following the race.

The race was organized well. Traffic was controlled by members of ROTC in heavily traveled areas of the course, and there was someone stationed at each turning point to direct

runners in the right direction. ROTC sponsored the run "to have fun and at the same time promote physical fitness," said Cadet Capt. Joel Long. "Army ROTC promotes physical fitness for anybody, not just those who plan to join the army," he said.

ROTC has a running team, according to Long, that runs local 10K races. The team can also be seen running together around the Avenet Ferry Road area carrying the ROTC flag.

and Long said the team doesn't mind if other runners join in with them in their runs.

For anyone who is interested in a fitness class, ROTC offers a physical training class that is open to anyone. "The class is not just for officer trainees. It's for anyone who wants to develop themselves," said Long. "Anybody can get into the class because it starts out slow. It's hard, but when you finish you feel a lot better."

Placement Center offers help

Future graduate students find aid

For many, if not most, university students the decision of whether to enter directly into the workforce or to continue their studies toward a post graduate degree is very difficult and requires a great deal of thought. The Career Planning and Placement Center on campus has for several years attempted to aid students in their plight by offering an annual Graduate and Professional School Exploration Program. This year's event will be held on Thursday, from 10 a.m. to 4 p.m. in the University Student Center. Registration will be held from 10 a.m. to 10:30 a.m. in the South Gallery lounge on the second floor of the Student

Center, at which time students can acquire specific information about the educational institutions attending the program as well as details about the format of the program itself. Then, from 10:30 a.m. to noon students will participate in pre-scheduled, private interviews with the institutions of their choice. Any student wishing to schedule such an interview must do so before 5 p.m. Wednesday in the Career Planning and Placement Center in room 28 Dabney Hall. Informal sessions will be held between 1:30 and 4:30 p.m. so that students with a general interest in post graduate study can speak with school representatives.

Endia Hall of the Placement Center stresses that the Exploration Program is just that, an opportunity for students to learn more about post graduate study. She hopes that "any student who has even remotely considered attending graduate professional school will come by." Although the program is geared toward MBA and law programs, other areas of study will be represented. Some of the institutions which will be represented are: Georgetown University, Georgia Tech., Duke, UNC-Charlotte, New England School of Law, Wake Forest, William & Mary, State, UNC-Chapel Hill, Campbell, Meredith College, Lucas Travel School

and American Graduate School.

According to Hall, information about the admissions process, scholarships, concentrations of interest and placement opportunities will be available for each institution. Participation in past years has been strong, according to Placement Center officials, and it is hoped that in the future State can attract a larger number of graduate school representatives with an even wider variety of offerings. So, if you have ever considered graduate professional school, please stop by the Student Center on Thursday and learn more about the requirements and benefits.

ASAE displays farm equipment at fair

John B. Jones
Feature Writer

Amid the glamour and spectacle of many of the State Fair's attractions last week, you may have also noticed several stands or displays representing different agricultural departments from State.

One of these, State's student branch of the American Society of Agricultural Engineers, displayed a collection of antique farm machinery, and, in addition, held a raffle to give away various

gardening and shop tools. The display and booth were open each day from 9 a.m. to 9 p.m., and State's ASAE volunteers worked every day in four three-hour shifts per day.

The antique farm machinery building, a permanent display, contains plows, wagons and trailers of years past, equipment donated or loaned to the Fairgrounds by individuals. The display constitutes a complete "spectrum of antique farm equipment," according to State's ASAE Branch President Tim Lease.

"We had a good time," he said. "Mainly, it's fun just to see people. Really, you get more people telling you about the equipment rather than asking questions. The knowledge was passed down through their families through the generations."

State's ASAE branch is registered with the national ASAE organization, whose headquarters is located in Michigan. ASAE is a professional organization with student branches at some eight universities in the southeast, including Auburn, Georgia, Florida, Clemson, VPI, Kentucky and, of course, State.

According to Lease, the organization allows its ag-engineering student members to be "exposed to more through ties to other professionals" in the field who form other branches across the country.

And State's student branch takes an active part in inter-branch activities. The southeastern regional newsletter, a publication which State's branch regularly contributes, contains items of interest in the ag-engineering field and reports on ASAE branch activities and events. One such major ASAE event comes to State's campus in the spring, when the ASAE branches in this part of the country convene for the annual southeastern regional rally, an activity hosted last year by Clemson.

In late March or early April, ag-engineers and students in the field will gather on campus for a weekend of meetings and banquets to promote enthusiasm in the organization. It will last for two days, beginning Friday and ending Saturday.

In order to finance the hosting of this event, State's ASAE held a raffle at the fair in which \$1,600 worth of gardening and shop equipment, donated by area merchants and distributors, were given

away to lucky ticket-holders. State's ASAE holds a fund raiser of some type each year, but a raffle such as this is unprecedented.

The club, however, ran into some difficulty in getting their raffle approved by North Carolina law authorities, because among the new laws that became effective on Oct. 1, one of them outlawed raffles or lotteries except for those held by non-taxable groups.

By the time State's ASAE could go through the process of proving their tax-exemption, it was Oct. 13, the day before the fair opened. Consequently, raffle tickets were only on sale for the extent of the fair itself. Despite the club's late start in selling the tickets, Lease feels that the raffle was very successful.

North Carolina Commissioner of Agriculture Jim Graham was present to draw 12 winning tickets, and the prizes were given out.

Between the funds raised by the raffle and the reimbursement provided by the State Fairgrounds to the club for keeping the farm machinery display on the grounds, State's ASAE should host a fine regional rally in the spring.

State's soil judging team wins Southeastern contest title

J.D. Solomon
Feature Writer

ended a six-year drought when it marched into Blacksburg, Va., Oct. 21 and won the Southeastern

Soil Judging Contest. The last time that a State team won the event was in 1976. "Soil judging is a

practical evaluation of the soil," said adviser-coach Joe Kleiss. "It's the same type of evaluation that is used in irrigation, roads and sanitation."

A soil judging contest consists of teams from colleges and universities which have four-year agronomy programs. Each school has a team of four students which tests the soil for various qualities. Teams are judged on a point basis with the team which collects the most points being the winner.

"The competition is highly competitive," said

Kleiss. "Our regional contest has more teams than any other in the country."

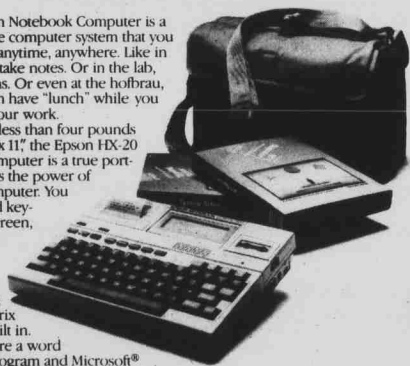
Universities such as Kentucky, Florida, Auburn and Tennessee have strong teams in the soil judging contests. "The weather was cold, wet and dreary," said Dan Clayton, who finished first in the contest. "But it was all worth it when we found out that we had won."

Plans are now being made to try to organize a trip to California in the spring so that the team may compete for the national title.

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Dance tops off festivities

Amy Elkins
Feature Writer

Highlighting the week's events for Homecoming is

the "victory" dance which will be held Saturday at the McKimmon Center from 8 p.m. - 1 a.m.

Traditionally, everyone is "interested in a victory dance," said Mike Wallace of the Student Center. "Dress is semiformal which is really up to individual interpretation."

The entertainment will feature the Embers, a "big beach show band," according to Wallace. Carnations will decorate the tables and refreshments will consist of snacks and drinks.

The dance is being sponsored by the Homecoming Committee which is made up of various groups such as the Union Activities Board, Student Government and State's cheerleaders.

Funding is through ticket sales which are \$6 in advance and \$10 at the door. Tickets are available now at the Student Center Box Office.

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Conference beneficial

Robert C. Compton
Staff Writer

It's a long trip from Raleigh to Knoxville, Tenn., especially on a bus. Sixty-four members of State's resident delegation left Harris lot at 5 a.m. Friday to go to the South Atlantic Association of College and University Residence Halls '83 conference at the University of Tennessee at Knoxville.

After being greeted pleasantly by all of the other delegations, except for the UNC group which greeted State's group with "hello rednecks," and cheering and singing and "getting down," we attended a welcoming ceremony.

At the ceremony there was more of the cheering and singing and "getting down" as each university was anxious to win the spirit award for the conference. The conference committee officially welcomed all of the universities in attendance, and several officials from the University of Tennessee spoke as well.

After the ceremony the first of many programs designed to improve the quality of residence hall life was held. Programs varied in purpose from those designed to improve advising for parties and fund raisers, to one concerning hypnotism as a study aid. Other programs

dealt with how to adjust to college life and how a residence hall could open and operate a television station.

Finally, 6 p.m. came and the groups got into their rooms. A cookout followed the long-awaited showers, and many of the delegates found a home in the hotel bar.

State's overall goal at SAACURH '83 was to win the votes of enough universities to host SAACURH '84. For that reason, "roll call" which was next on the agenda, was extremely important.

Roll call was held in the basketball arena. As each university was announced, their delegates came down to the floor and sang or cheered or put on a skit or, in some cases, just said "hello."

This was a great forum to show off university spirit and show the rest of the conference that we were ready to host a SAACURH conference.

We put on an excellent roll call. Led by Sotello Long, we sang a State-oriented version of "Cadences," and another original number to the tune of the Flintstones theme. We also sang "Over hills, over sticks..." and the "State fight song. Our roll call performance got a standing ovation. Friday night continued with a costume party and a game of "kiss and tackle."

Saturday started late for many people who hadn't had much sleep. For those who crawled from their beds in time, breakfast was served.

From 4 p.m. until 7 p.m., there was free time. This was used for sleeping, meeting new people, trading items from different universities, drinking, and most importantly, for watching Maryland put a blemish on the record of the Tar Heels.

At 7:30 p.m., the banquet which officially closed SAACURH '83 began. It was very interesting to watch people attempt to eat Cornish Rock hen without using their fingers. Entertainment was provided by the UT Singers.

After dinner, awards were presented. State's Ann Wackerhagen was named NCC of the year. State didn't win the spirit award; it went to Georgia Tech, but that didn't affect our bid to host SAACURH '84. State will host next year's conference, which will be held during our fall break. This is a major accomplishment for State.

After a State slide show and a conference slide show, the banquet and conference came to an end. Tennessee hoe-down and another game of "kiss and tackle" were held Saturday night, and the groups left for home at 10 p.m. Sunday.



Original hand-painted animation cel paintings, featuring Wile E. Coyote, will be on exhibit and sale this Wednesday-Friday in the Student Center.

Animation exhibit begins

For many years, original animation cel paintings of famous characters like Bugs Bunny, Daffy Duck, Wile E. Coyote and Mickey Mouse have been avidly collected and lovingly displayed by cartoon fans. Today, those fans are more willing than ever to put their money where their mousesis.

If you are interested to find out what their excitement is all about, you can find out at a new exhibit/sale of animation art to be held at State Wednesday - Friday from 10 a.m. until 7 p.m., in the Student Center first-floor lobby. The public is invited.

Animation cel paintings, called "cels," are the paintings actually filmed in making animated cartoons. Each character is painted by hand on a clear sheet of acetate, usually 11" x 14" or larger. The cel is then placed against a background painting and photographed, one frame at a time, to create the illusion of the cartoon character in motion. Cels are the pro-

ductions of the artistic process - the final image that is photographed by the motion picture camera.

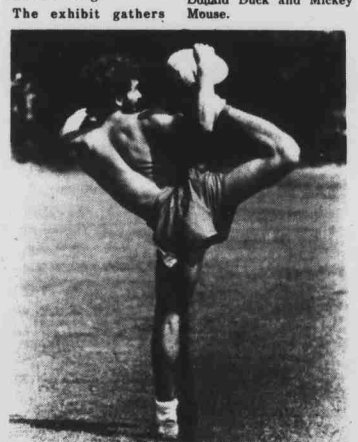
The current exhibit was authenticated by Gallery Lainzberg of Cedar Rapids, Iowa, specialists in original animation art work. A representative of Gallery Lainzberg will be on hand to answer questions.

The exhibit/sale will feature an exceptionally broad spectrum of animation art. Included will be such popular characters as Bugs Bunny, Daffy Duck, Wile E. Coyote and the Roadrunner, Yosemite Sam, Tweety and Sylvester, to name a few. Some of these paintings have been signed by Academy Award-winning animators, Chuck Jones and Friz Freleng.

together art work from many Disney animated films including *The Fox and the Hound*, *Jungle Book* and the recently-released *Winnie the Pooh* film featuring Winnie, Tigger, Piglet and Rabbit.

There will also be a fine selection of art work from *The Secret of NIMH*, *Waterhip Down*, *Heavy Metal*, *Gnomes*, plus art work from Bill Keane's "Family Circus" animated TV Specials featuring Dolly, Billy, Jeffy and P.J.

Of special interest to collectors will be original pencil animation drawings from Max Fleischer Studios films of the 1930s and 1940s. In addition, there are a number of vintage Disney animation drawings from that era, including Donald Duck and Mickey Mouse.



The exhibit gathers together art work from many Disney animated films including *The Fox and the Hound*, *Jungle Book* and the recently-released *Winnie the Pooh* film featuring Winnie, Tigger, Piglet and Rabbit.

Photo by Todd Anderson

Frisbee gains popularity

Amy Elkins
Feature Writer

Walking past the intramural field you may have noticed a large group of

people playing a familiar game - or is it? It looks like football. But no, no one is getting tackled. Tag maybe? No, something is being passed between the players. It looks like... a Frisbee!

Ultimate Frisbee, as the game is called, is often played on a football field with seven members to a team. A Frisbee is passed between players, down the field to the end zone. The object is to get the Frisbee across the end zone without dropping it, traveling or making any bodily contact with the other players.

This weekend, teams from North Carolina, South Carolina and Georgia competed in the Southeastern Sectional Ultimate Championship, sponsored by the N.C. State Frisbee Disc Club.

Eight teams participated in the event (four were from Georgia) according to Todd Groshong, president of the Frisbee Club and captain of State's team.

"Atlanta is the hot spot for Ultimate," he said.

An Atlanta based team, Jell-o, was predicted to win the tournament. However, a North Carolina team called Mr. Pouce won, beating Jell-o 15 to 12.

"Mr. Pouce is a Triangle conglomerate made up of students and alumni from Duke and State, and even a couple from UNC," Groshong said. "There are 16 or 17 players all together. Mr. Pouce has been together since the first of August."

The team got its name from a Duke team. "Duke's team last year was the Air Police. It looked like Mr. Pouce from a distance, so that's what they called themselves," said Groshong.

Now, Mr. Pouce will advance to the Regional Tournament which will be held in Austin, Texas on Sunday and Monday. If the team does well, it will be invited to New Orleans,

strong women's teams in Duke at Atlanta."

The game of Ultimate Frisbee originated at Columbia High School in New Jersey in 1969. The first collegiate game was played at Rutgers, 103 years after the first football game, Groshong said.

Ultimate Frisbee is gaining popularity. Maybe the game will even become a physical education credit course at State.



Normal, healthy people are treated as emergency patients as rescue workers are evaluated on speed and efficiency. This group is part of the Volunteer Victims of Disaster program which aids rescue workers.

Volunteers pose as victims, aid rescue workers

The shrill cry of the siren dies. You feel hands tighten on your arms as the doors behind you are flung open, and the crisp night air meets you as the stretcher you're on is pulled out. The wheeled legs automatically snapping into position to support you. You are pushed into a room, and your eyes strain to adjust to the

lights. Immediately you are surrounded by people in medical gowns, and fears begin to manifest themselves within you: Who are these people? Can they help me? Are they qualified to help me?

In the areas surrounding Raleigh, N.C. these questions and others were answered Wednesday night. Forty students from USAF

ROTC Detachment 595 at State sacrificed an evening of study time and meals to volunteer to be victims of a disaster. They were realistically "made up" to appear having various injuries and then carted off to hospitals in the surrounding areas. Officials from the Office of Emergency Management in Raleigh evaluated the

proceedings and gave a passing grade to the participants.

So, rest easy tonight. If you should need emergency treatment, there are people who know how to take care of you. Now, if they can just figure out how to get all the catsup, tape and placticene out of the students' hair...

Spirit to rise with rally

Picture a large group of students and fans gathered in one place to cheer on State's football team and to have a good time.

This event is the annual Homecoming pep rally which will be held Friday at Harris Lot.

The music will begin at 4:30 p.m. complete with a local DJ, and the rally will begin at 5:30 p.m. Chancellor Bruce Poulton and his wife will make an appearance, as will coach Tom Reed and some of the football players. State's

band and cheerleaders will encourage students' school spirit. Half an hour before the pep rally, some members of the band and cheerleading squad will walk through both ends of the campus yelling for participants. "Last year it was great. They filled the whole lot," said Kathy Bucky, cheerleader coach.

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Sports

Pack, Tar Heel spikers vie for ACC lead

Todd McGee
Sports Writer

State's volleyball team hosts North Carolina to night at 7 in Carmichael Gym in a match that could decide this year's ACC Champion.

The Tar Heels will bring a perfect 6-0 conference mark into the contest, its last remaining conference match of the season. State will counter with a 4-0 league record of its own.

State coach Judy Martino feels her team is ready for the challenge.

"Our players are anxious to play," said Martino, whose team has matches with Duke and Maryland remaining. "We're really looking forward to it."

The arch-rivals met earlier this season in Chapel Hill in a match that did not count towards the conference standings. State swept the Tar Heels in three games then, but Martino is not expecting a repeat sweep.

"I honestly didn't expect it (a sweep) then," she said. "I thought we had the ability to win, but I figured it would go four or five games. We expect them to

be a lot tougher this time. They're playing some good ball right now."

Martino realizes the stakes are high in this match, especially for the Tar Heels.

"(North Carolina) knows what they're up against. If they win the match, then they'll be number one in the conference, and we'll have to concentrate on being number two," she said. "But I certainly hope that doesn't happen."

State primed for this match by winning two of three games this past weekend, including a key conference match at Clemson. The Pack swept the Tigers 15-6, 16-14 and 15-12 for its fourth sweep of a conference opponent this year.

"That was a match that I thought we did well in. We got behind a few times, but never to a point where we thought we would lose," she said. "Clemson played well. They played very good defense like we expected, but we stopped their attack."

After defeating Clemson, the Pack traveled to Athens, Ga. to play a

doubleheader against Georgia and Temple. State split a pair of five-game thrillers, losing to the Owls Saturday afternoon before nipping the Bulldogs later that evening.

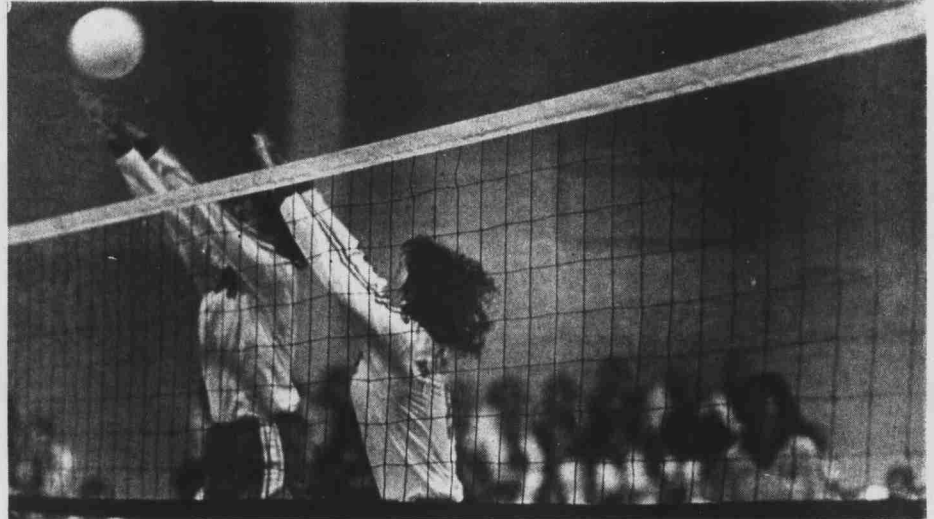
The two matches were a vast contrast to each other, according to Martino.

"Against Temple, we had one of those matches where everything was off," she said. "Our attack, our hitting and our defense was off. I was really surprised we went five games."

"Against Georgia, we had a very, very good match. They have a good team and some very strong hitters, but we had some great volleys."

Martino was pleased that her team could bounce back after not playing well against Temple.

"To come off the Temple match and beat Georgia said a lot about our team. We're trying to maintain an even emotional level," she said. "We don't want to get too up or be too down for any match."



Debbie George and Laurie Hagen will be trying to block first-place in the ACC from North Carolina's grasp when the two teams clash tonight at 7 p.m. in Carmichael Gym. The Heels bring a 6-0 league record into the contest, while the Pack is also unbeaten at 4-0.

Pack nine should feature much-improved defense

Editor's note: This is the first of a three-part series on State baseball. Next week's column will feature three ex-State players, Chris Baird, Dan Plesac and Dave Peterson, who spent the fall in the major league's instructional leagues.

Head coach Sam Esposito has concluded fall drills for the 1984 State baseball team, and while much was accomplished, Esposito said some big questions remain unanswered. In particular, Esposito is concerned with how well his club will hit

BRUCE WINKWORTH
Assistant Sports Editor

the ball and how deep his pitching staff will be.

"We got a lot accomplished," Esposito said. "We had a lot of young people to look at and played a lot of exhibition games. It's important that we got to look at them against other teams."

With power-hitting outfielder Chris Baird and left-handed pitcher Dan Plesac gone to professional careers, the Wolfpack finds itself minus two proven veteran performers. On the plus side, the 1984 Wolfpack should be stronger defensively than at any

time in the past four years with freshman Alex Wallace combining with sophomore Doug Strange around the second-base bag.

"Our defense should be improved," Esposito said. "We should catch the ball better and make the routine plays. Strange and Wallace should turn some double-plays for us. We've experimented with them quite a bit."

Strange started at shortstop last spring but played second base for the Harrisonburg Turks of the Shenandoah Valley League this summer. Strange's experience at that position has Esposito leaning toward moving Strange to second this spring, allowing the highly-recruited Wallace to move in at shortstop. That alignment was particularly impressive turning the double play during fall drills.

"When we had Strang at second, he really got rid of the ball quickly on the double-play," Esposito said. "Right now I'm leaning to that alignment, but whatever we do, we should be better catching the ball than we've been in a while."

Just as the defense will have a different look than in the past, so will the offense. The Wolfpack no longer boasts a lineup full of long-ball threats. Of the possible starters for the Wolfpack, only Tracy Woodson is a consistent home run hitter. Woodson is second on the State career home run list with 21. Three behind Chuckie Canady, and Woodson's importance to the State lineup became glaring when he suffered a slight break of his ankle and had to sit out the end of the fall exhibition schedule.

"Take him out and we have very little power,"

Esposito said. "That's a big question mark for us. Tracy Black is still hobbling, and I'm not counting on him being back." Black, a fifth-year senior if he returns, injured his knee early in the 1983 season and did not return to the lineup.

On the mound, junior Hugh Brinson and senior Mike Pesavento return to the rotation and will probably be joined by newcomers Bud Loving and Mike Schopp. Brinson, voted team MVP last spring, and Pesavento combined for a 12-4 record last season and anchored the Wolfpack rotation along with Plesac.

Loving, along with teammate Wallace, helped lead Richmond County High School to the state 4-A championship last spring and followed that by leading the Hamlet American Legion team to the

American Legion World Series in the summer. Schopp is a transfer from San Mateo Junior College in San Mateo, Cal., and both he and Loving were impressive in the fall.

The bullpen gave the Wolfpack problems last season, and fall drills gave Esposito little reassurance about his relief corps for 1984. David Hall, a freshman walk-on last spring, came out of the bullpen 11 times last season with mixed results. Esposito will be counting on Hall to improve this year, with Mark Sigmon and Richard Heavener behind him to anchor the bullpen. Robert Toth and John Sullivan will be back up the starting rotation.

As for the everyday lineup, Esposito has shifted Woodson from third to first base, where he played for the Hyannis entry of the Cape Cod League this

summer. Esposito said Woodson is very comfortable at first, but the move leaves third base unmanned. Joe Maciejewski started at second base last year but is being given a look at third along with catcher Doug Davis and outfielder Andrew Fava. If he doesn't start at third, Davis will team at catcher with Jim Toman to again make that position a strong point for the Wolfpack.

New faces will dot the outfield with Bill Marezak in left and juco transfer Darren Daulton in center. Holdovers Mark Celedonia and Fava will probably vie for right field if Black doesn't return.

"Overall, I'm worried about how well he hit and about our pitching depth," Esposito said. "With no power offensively, I just hope the guys can put the ball in play. We still have a lot of questions to answer."

Martinussen finds range against 'Cocks



State punter Marty Martinussen averaged 42 yards per kick Saturday night against South Carolina.

Will Grimes
Sports Writer

COLUMBIA, S.C. — Not many people realize how much concentration it takes to make a good punt.

Every time, if opponents want to block one's kick. It can be scary at times, and no one knows this more than State punter Marty Martinussen.

Martinussen, just like the entire Wolfpack team, has had an up-and-down season. But Saturday night in the Pack's 31-17 loss to South Carolina, the sophomore had one of the finest efforts of his career. He averaged 42 yards on seven kicks, including a 56 yarder.

"I'm satisfied with my performance," said Martinussen. "But I wish it had happened earlier."

Martinussen started off well against East Carolina and The Citadel but has been ineffective since then, which has led to much criticism from outsiders. But his efforts against the Gamecocks were worthy of merit.

"I just needed to concentrate more," said Martinussen. "It (the criticism) was starting to get to me a little."

Not only had the criti-

cism been heavy, but since the Virginia game, where he was tackled before getting a punt off, the chorus of boos had been heavy too.

"We kickers get the boos too often," said Martinussen. "Everyone is on the field trying, and no one wants to make a mistake."

"People need to think before they decide to boo."

One statistic that will only be remembered by those viewing the game was when Martinussen had to punt three straight times at the beginning of the fourth quarter.

Punting into the wind, Martinussen launched two kicks that went almost 70 yards each but were both nullified by offsetting penalties. His final punt went only 36 yards.

"Things like that happen," said Martinussen. "I would like to eliminate that last punt and have one of those other two back."

Even though State is 2-6 on the season and losers of the last four, the Wolfpack has shown improvement.

"This team is much better than 2-6," said Martinussen. "We worked

(see "Martinussen," page 10)

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Staff photo by Attila Horvath

Angel Abramovich and teammates face Wake Forest today in a key conference match-up in Winston-Salem.

Pack booters face Deacs as last-gasp effort set to begin

Scott Keepler
Assistant Sports Editor

Having snapped an 0-2 ACC slump with a satisfying 2-1 win over arch-rival North Carolina Saturday afternoon, coach Larry Gross' booters will now be trying to continue a conference winning streak Wednesday when they travel to Winston-Salem to meet Wake Forest in a 3 p.m. showdown.

The Deacons boast a 10-4-2 overall record, but are winless in four conference games. Gross, however, is still wary about Wednesday's contest.

"I'm definitely very concerned about this game," Gross said. "We cannot look past them to the upcoming Duke game. A win against us would make their season."

The Deacons almost made their season last week in Clemson when they extended the second-ranked and unbeaten Tigers into overtime before falling 1-0. And Gross is well-aware that it is performances such as this which can really boost a team's morale and confidence.

"They are playing very well right now," Gross said. "They haven't played as tough a schedule as we have, but they've pulled off a few upsets and have

gained a lot of confidence." For the Wolfpack, which is 10-4-1 overall, the game's importance is obvious. With key matches against unbeaten Duke and Clemson scheduled for the next two Sundays, it is still conceivable that State could challenge for the conference title and an NCAA Tournament bid.

But before a grudge-match with the Blue Devils can be discussed, the Pack must contend with the surprising Deacs and their designated scoring machine: striker Mark Erwin. Erwin is dominating the conference scoring statistics with 59 points, 26 more than his closest challenger.

"We'll definitely be trying to stop him," Gross said. "We've assigned 'Inch' (David Intrabartolo) to guard him. And then we'll just see what the rest of their team can do."

If "Inch", who held South Florida's all-America Roy Wegerle to one shot two weeks ago, is successful in his bid, the Wake offense should be greatly curtailed. Erwin has scored an incredible 27 of the Deacs 50 goals this season, which is 11 more than second-place Jeff Gaffney of Virginia. Needless to say, the containment of Erwin is a top priority if the Pack is to pick up its second conference win.

classifieds

Typing

TYPING-FAST, ACCURATE, REASONABLE Freshmen papers, Doctoral dissertations, and everything in between Call 829-6512 Mrs. Tucker

Typing Services: IBM Selectric, Choice of Pica, Elite, Operator or Script. Call 834-3747.

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Business student needed for new luxury apartment rentals. Must have pleasant appearance and be able to work two weekdays and every other weekend (10 hrs. per wk) Call 878-0896 Mon. Fr., 10-6, Midbrook Run Apartments.

College Student needed part time in grocery/hardware store. Call 947-5275 after 2 pm.

Jobs available cleaning buildings at night. Must have transportation 832-5581.

Kennel worker wanted parttime weekends and holidays a must Apply Williams Town & Country Kennels, 832-6515.

Lunchtime Waitresses needed. Apply at Mitch's 755-9233.

For Sale

Fuji Bikes. We buy and sell used bikes. Cycle Logic. Call 833-4588.

Homecoming Corsages. The NCSU Horticulture club will be preparing and selling Homecoming corsages and Boutonniers Fr., Nov. 4, beginning at

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Sirloin \$2.48 Lb.

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USDA Choice Beef Loin
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Chuck Roast

4 Lbs. / \$1

Golden
Ripe Bananas



\$2.19

1 Liter Bottles - Carton of 6

Coca Cola

\$3.59

Pkg. of 12 - 12 Oz. Cans/Reg. & Lt.

Old Milwaukee

\$3.99

1.5 Liter - Mt. Necker Rose, Rhine, Red Burgundy, White Chablis

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22 Ounce
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Why Pay \$1.19



99¢

10 Ounce
Jeno's Pizza

Why Pay \$1.29



39¢

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Shedd's Spread

Why Pay 49¢



49¢

119 Sheets - 2 Ply
So-Dri Towels

Why Pay 59¢



99¢

32 Ounce
Del Monte Catsup



99¢

12 Oz. - Libby's
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4/89¢

6.5 Oz. Cat Food - Liver/Kidney/Rib. Stew
Purina 100

\$1.29



59¢

4 Pack - 1 Ply
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4/\$1

7.25 Oz. - Food Town
Macaroni & Cheese



\$1.49

12 Oz. - American Slices
Borden's Cheese

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Half Gallon - White House
Apple Juice



69¢

6.5 Oz. - Lt. Cheek Toss. In Oil/Water
Starkist/Chicken Of The Sea

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49 Ounce
Cold Power

Why Pay \$2.39



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Half Gallon
Tropicana Donald Duck
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25 Lb. - 1.00 Off
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COUPON A	COUPON B	COUPON C	COUPON D
25¢	15¢	50¢	75¢
50¢	30¢	1.00	1.50
1.00	60¢	2.00	3.00

WESTERN GRAIN FED BEEF

Whole Rib Eye

9-12 lb. avg. Cut Free!

2.98 lb.

SAVE 71¢ LB.

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WESTERN GRAIN FED BEEF

Bone In **1.28** lb.

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FRESH LEAN COUNTRY FARM Assorted Family pack **1.48** lb.



GOLDEN YELLOW

Ripe Bananas



SAVE 29¢ LB.

5.100 lbs. only

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FLORIDA RIPE

10 for **1.00** only

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RED OR WHITE

3 large size **1.00**

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REGULAR BEAN COFFEE

1 lb. bag **1.48** Limit One With Additional 7.50 Order

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201 E. Hargett St. 5426 Six Forks Rd.

Pigskin Picks

Two weeks ago, Will Grimes' 16-4 record wouldn't have done him much good as far as making up ground on the leaders in the Pigskin Picks, but when the co-leaders stink up the entire city, 16-4 stacks up pretty well.

And that's exactly what Grimes 16-4 mark did last week. It sent him from a tie for fourth place into sole possession of the lead at 124-52-4 for the season. All this from a man who said he was finished just a week ago.

"I was just setting everyone up," Grimes said between belly-laughs. Steele, who went 12-8 to fall two games off the lead at 122-54 expressed great concern that the wrong medium was controlling what is the proper domain of newspapers.

"It bothers me that these radio guys are leading our poll," Steele said after his Halloween rendezvous with the late Buckwheat. The entire panel went through a shakeup with last week's results. Bruce Winkworth and Scott Keeper tied for last for the week at 11-9, dropping them to 120-56-4 and 118-58-4, respectively. Golf coach Richard

Sykes went 13-7 to raise the guests record to 115-61-4, while Tom DeSchraver was 12-8 for an overall record of 117-59-4.

Tony Haynes (13-7, 123-53-4) and Todd McGee (14-6, 122-54-4) round out the panel.

While no one knows why the case of the flopping pictures went dormant, speculation ran rampant throughout the office. In particular, Bruce Winkworth's 17-3 facade of the last two weeks was exploded by his 11-9 showing, and it was even rumored that he had traveled to take all visiting teams in the rest of the polls.

Other than that, the controversy seems to be dying in the wake of a red-hot race for first place. And if Steele was upset at the prowess of the radio boys in the panel, he had better not check out who this week's guest is. Tom Sulter not only comes from the electronic media, he comes from the visual end of it, hoping to make up some of the nine games that separate the guests from the lead.

Pigskin Picks is being run today instead of Friday so it can include Thursday night's game between Virginia and Georgia Tech.

Games	Devin Steads	Bruce Winkworth	Tom DeSchraver	Todd McGee	Scott Keeper	Tony Haynes	Will Grimes	Tom Sulter
Appalachian State at State	State	State	State	State	State	State	State	State
Maryland at Auburn	Auburn	Maryland	Auburn	Maryland	Auburn	Auburn	Auburn	Auburn
Clemson at North Carolina	North Carolina	North Carolina	North Carolina	North Carolina	North Carolina	North Carolina	North Carolina	North Carolina
Duke at Wake Forest	Wake Forest	Wake Forest	Wake Forest	Wake Forest	Wake Forest	Wake Forest	Wake Forest	Wake Forest
Virginia at Georgia Tech	Virginia	Georgia Tech	Georgia Tech	Georgia Tech	Georgia Tech	Georgia Tech	Georgia Tech	Georgia Tech
East Carolina at Miami (Fla.)	Miami	Miami	Miami	Miami	Miami	Miami	Miami	Miami
Syracuse at Navy	Navy	Syracuse	Navy	Navy	Navy	Navy	Navy	Navy
Western Carolina at The Citadel	Western Carolina	Western Carolina	Western Carolina	Western Carolina	Western Carolina	Western Carolina	Western Carolina	Western Carolina
Pittsburgh at Notre Dame	Pittsburgh	Notre Dame	Notre Dame	Notre Dame	Notre Dame	Notre Dame	Notre Dame	Notre Dame
Rutgers at Cincinnati	Cincinnati	Rutgers	Cincinnati	Cincinnati	Cincinnati	Cincinnati	Cincinnati	Cincinnati
Alabama at Louisiana State	Alabama	Alabama	Alabama	Alabama	Alabama	Alabama	Alabama	Alabama
Georgia vs. Florida (at Jacksonville)	Florida	Florida	Florida	Florida	Florida	Florida	Florida	Florida
Virginia Tech at Tulane	Virginia Tech	Tulane	Virginia Tech	Virginia Tech	Virginia Tech	Virginia Tech	Virginia Tech	Virginia Tech
Oklahoma at Missouri	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma
Michigan State at Northwestern	Michigan St.	Michigan St.	Northwestern	Michigan St.	Northwestern	Michigan St.	Michigan St.	Michigan St.
Washington at Arizona	Washington	Washington	Washington	Washington	Washington	Washington	Washington	Washington
Stanford at Southern Cal	Southern Cal	Stanford	Southern Cal	Southern Cal	Southern Cal	Southern Cal	Southern Cal	Southern Cal
Arizona State at California	California	Arizona St.	Arizona St.	Arizona St.	Arizona St.	Arizona St.	Arizona St.	Arizona St.
Prairie View A&M at Arkansas Pine Bluff	Prairie View	Prairie View	Prairie View	Arkansas Pine Bluff	Prairie View	Arkansas Pine Bluff	Arkansas Pine Bluff	Arkansas Pine Bluff
South Carolina at Florida State	Florida St.	Florida St.	Florida St.	Florida St.	Florida St.	Florida St.	Florida St.	Florida St.
Record: 122-54-4	Record: 120-56-4	Record: 117-59-4	Record: 122-54-4	Record: 118-58-4	Record: 123-53-4	Record: 124-52-4	Guest Record: 115-61-4	

Linksters in Cardinal tourney

Robert C. Compton Sports Writer

State's men's golf team plays its last full match Thursday through Saturday this weekend at the Cardinal Invitational in

Greensboro, N.C.

The Wolfpack linksters have been up and down this fall, but coach Richard Sykes expects the team to play well this weekend. "The talent is there," said Sykes. "We are playing

better and better as the season goes on."

State is the two-time defending champion in the Cardinal, but Sykes would not project a successful title defense. "We will be playing on

one of the toughest courses in the country, scores will be high," he said.

This event is rare in the fact that each team will use six golfers on the par-70 course. The Pack's starting

Linkford, whose play seems to be improving after a dismal start.

Francis Ciucevich, Art Roberson, Todd Phillips, George Welch and Mike Petelin.

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Martinussen hoping for brighter future

however, to have a coach like Tom Reed.

"Coach Reed never gives up on an individual," said Martinussen. "He says you have to be a highly motivated player."

For Martinussen, even though the first eight games are history, he has one good performance behind him. With this in mind, he should be able to make a major contribution to the team for the rest of the season.

"Television has no effect on us," said Martinussen. "Games are won in the pits and not on TV."
Martinussen, a Fredericksburg, Va. native, had a noteworthy freshman campaign while handling starting chores but has been inconsistent this season. He is happy,

With his potential, by the end of his career, he could be one of the best punters to play in the ACC.

North Carolina State University presents
The Fourth Annual **Madrigal Dinner**

December 2, 3, 5, 6, and 7 at 7 p.m.
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\$14.00 per person NCSU students \$9.00
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INTRAMURALS

Gold looks for 3rd straight title

Gold and Syme advanced to the finals of Residence Football as Gold defeated Bragaw South (1) 21-16 and Syme defeated Owen (1) 24-19. Although Gold will be looking for their 3rd straight championship, Syme is the favorite as they have a 6-0 record this season. They will play at 5:30 today on the lower intramural field.

Sam Moody led Gold to victory as he threw for two touchdowns and ran for another. After Moody ran for a 15 yard touchdown, Bragaw took their only lead of the game as Reese Combs threw a touchdown pass to Todd Leger and the two-point conversion to Chris Young. Moody then threw a pass to Donald Wilson to boost their lead to 13-8 and then Gold scored on a controversial touchdown pass to Bob Kuppel on the last play of the first half to lead 19-8.

Bragaw could manage only one touchdown in the second half as Combs threw to Leger to close the

score to 19-16. Gold scored on a safety late in the game and then ran out the clock to hold on for the victory. Gold's defense was led by Doug Lawing as he intercepted two passes while Jeff Butler and Combs intercepted one each for Bragaw South.

Syme jumped out to a 6-0 lead as Chuck Bates threw a touchdown pass to Barrington Taylor on their first offensive play. After Chip Harris ran for a touchdown to boost Syme's lead to 12-0, Tom Kelly threw a touchdown pass to Deece Hannigan to cut Syme's lead to 12-7 at the half.

Syme scored first in the second half as Taylor made a leaping grab of a Bates pass. Owen (1) then cut the lead to five as they ran a flea flicker that ended up with Hannigan throwing to Kelly. Syme clinched the game with a late touchdown pass to Jim Shinkoff. Shawn Canady led Syme's defense as he intercepted one pass.

Fraternity Volleyball

Division I

Kappa Alpha over Delta Sigma 16-14, 12-15, 15-11
TKE over SPE 15-10, 13-15, 15-3

Standings	
Kappa Alpha	3-1
Sigma Chi	2-1
TKE	1-2
SPE	1-2
Delta Sigma	1-2

Division II

Sigma Nu over SAE 15-7, 15-12
PKT over SAM 15-9, 15-1
Kappa Sigma over Theta Tau

Standings	
PKT	5-0
SAM	3-1
Sigma Nu	3-2
SAE	2-3
Kappa Sigma	1-4
Theta Tau	0-4

Division III

Farmhouse over Sigma Pi
LCA over PKA 15-12, 15-13
DU over PKP 15-10, 15-3

Standings	
Farmhouse	5-0
DU	4-1
PKP	3-2
LCA	2-3
PKA	1-4
Sigma Pi	0-5

Residence Volleyball

Division I

Syme over Bragaw North (2)
Tucker over Lee

Standings	
Turlington	3-0
Syme	3-0
Tucker	2-2
Lee	0-3
Bragaw North (2)	0-3

Division II

Bragaw South (1) over Bragaw South (2) 15-12, 15-9
Sullivan (2) over Kings Village

Standings	
Kings Village	3-1
Bragaw South (1)	2-1
Becton	2-1
Sullivan (2)	1-2
Bragaw South (2)	0-3

Division III

South over Gold
Metcalf over Alexander 10-15, 15-10, 15-8

Standings	
North	4-0
Metcalf	3-1
South	2-2
Alexander	1-3
Gold	0-4

Division IV

Bragaw North (1) over Sullivan (1) 15-0, 15-2

Soccer a big kick

Perhaps no other sport has gained as much popularity in the United States over the past several years as soccer. It is also alive and well and growing in State's Intramural-Recreational Sports Department.

The playoffs are winding down and champions will be determined shortly. In this week's soccer action, Kappa Alpha defeated the Hackey Sackers, 2-1, Monday night. Kappa Alpha had to rely on a goal late in the game to break a 1-1 tie.

Kappa Alpha scored early in the contest when a shot bounced off one of the opposing players and into the goal. The Hackey Sackers scored midway through the second half to even the score. The intramural version of soccer is very similar to the regular version. The only differences are that the field is much smaller and only seven players per team are on the field at once instead of eleven.

Soccer has been big at State, both in intramurals

and physical education classes, for years. However, problems developed when one goal and net were damaged earlier this year. They have since been replaced.

In other action Monday, the Wings defeated the Dirty Dozen, 5-3. The Wings scored early and led the entire game.

Made up primarily of foreign students, the Wings bring an international flavor to the intramural leagues. "I don't see how they can understand each other," said one spectator referring to the language difference.

One change which has been mentioned is to eliminate the offside rule in intramural games. A player is offside if he receives the ball when no opposing player (other than the goalie) is between himself and the goal.

The elimination of the rule would promote more scoring and reduce the responsibility of officials to make the call.

ADP, A-Team in finals

The A-Team and Alpha Delta Pi each won their fifth straight game to advance to the finals of Women's Football. The A-Team defeated APO 44-0 while ADP defeated Bowen 12-6. Lisa Owens intercepted two passes for ADP, running one back for a touchdown, and Amy Gatlin ran for another touchdown to lead ADP to victory. Individual scoring on the A-Team's game was unavailable.

Residence Tennis

Turlington 2 Syme 1
Bragaw South (2) 2
Turlington 1
Bragaw South (2) over Bragaw North (1)

Women's Racquetball

Winner's Bracket
Alpha Delta Pi 3 South 0

Loser's Bracket
Carroll over Bowen

Women's Table Tennis

Alpha Delta Pi 3 South 0
Alexander/North 2 Carroll 0

PKA, LCA battle title at 5:30 p.m.

PKA and LCA advanced to the finals of Fraternity Football as PKA defeated SPE 38-31 and LCA defeated PKT 20-12. PKA and LCA met in regular season play with PKA winning 20-12 but LCA was missing several key players.

PKA fell behind 25-6 early in the second half but quarterback Raymond Curl threw four touchdowns passes to Bobby Chandler to tie the score at 31-31 at the end of regulation play. PKA then scored in

overtime on another pass from Curl to Chandler to advance to the finals. PKA was led on defense by John Charles Kernodle's tv interceptions and one interception each by Rick Bechtold and Jerry Bowen.

LCA's Mark Ashness threw two touchdowns passes to Jimmy Byrd and one to Fred Boss to lead LCA to a 20-6 lead at halftime. They then held on for a 20-12 win as Jimmy Lippard, Kirk Stem, Byrd, and David Wilbourne had interceptions.

Reminders

Basketball officials are needed. If you are interested please come by the Intramural office. A clinic will be held on Wednesday, November 9 at 6:00 in Room 213, Carmichael Gym.

Deadline for entry in the Dixie Classic Basketball tournament is Monday, November 7. There will be an organizational meeting at 5:00 on Thursday, November 10. A representative from each team needs to be there.

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Club sports

Archery
Thursday, Nov. 3, 5:30
Archery Range

Rowing
Thursday, Nov. 3, 11:15
Friday, Nov. 4, 2:30 p.m.
Western Lanes

Ice Hockey
Thursday, Nov. 3, 5:00 p.m.
Outdoor basketball court, Carmichael Gym

Rugby
Thursday, Nov. 3, 5:00 p.m.

Tae Kwon Do
Wednesday, Nov. 2, 7:00
Thursday, Nov. 3, 6:00 p.m.

Outing
Wednesday, Nov. 2, 7:30

Blue Room, Student Center. All members please attend.

Badminton
Tuesday, Nov. 8, 5:00 p.m.
Room 211, Carmichael Gym

Volleyball
Tuesday, Nov. 8, 6:00 p.m.
Room 211, Carmichael Gym

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The Capital City Series takes place downtown in Raleigh's Memorial Auditorium. After much success on the New York stage, this delightful musical revue celebrates the values of friendship and life's simple pleasures with a unique blend of bluegrass, rock-a-billy, ballads and blues.

Tickets are currently on sale at the NCSU Center Stage Box Office on the first floor of the Student Center Monday through Friday, 10 a.m. to 6 p.m. and will be available at the door. Call 737-3900 for information.

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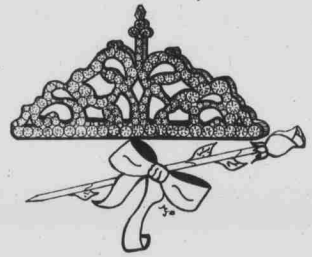
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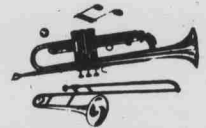


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Cates Ave. to Dan Allen Dr., Right
to Hillsborough St., Right to Pullen
Rd. and back to the Parking Deck.



FOOTBALL

Sat., November 5, 1:00 p.m.
N.C. STATE BEATS APPALACHIAN



DANCE

with **THE EMBERS**

8:00 p.m. to 1:00 a.m.
McKimmon Center
\$6.00 in advance - tickets available
at the Student Center Box Office
\$10.00 at the door



Semi-formal Age ID Required