

Technician

North Carolina State University's Student Newspaper Since 1920

Volume LXV, Number 20

Wednesday, October 12, 1983 Raleigh, North Carolina

Phone 737-2411/2412

Druze Moslems delay peace talks at palace

BEIRUT, Lebanon (UPI) — The Druze Moslems Tuesday turned down an invitation to hold peace talks at the presidential palace in a new setback to President Amin Gemayel's efforts to open a dialogue between Lebanon's warring factions.

With peace talks certain to be delayed, Druze and Christian militias traded artillery fire in the hills overlooking Beirut and snipers fired on army positions in southern Beirut on the 16th day of a cease-fire.

Druze leader Walid Jumblatt rejected Gemayel's proposal that the talks be held Oct. 19 at the Baabda presidential palace. Instead Jumblatt insisted the talks be held aboard a Greek vessel anchored in Lebanese territorial waters.

Jumblatt's rejection, in a statement issued by his Socialist Progressive Party, was certain to delay the talks aimed at resolving the differences between factional groups that last month erupted in all-out civil war.

It was not immediately clear if preliminary talks scheduled for today would be held, in light of Jumblatt's move.

State-run Beirut Radio said shells crashed this morning on the villages of Jiyee and Sibilin in the predominantly Moslem Kharoub region where the Druze and Christian militias have positions.

The radio said snipers in the Moslem southern suburb of Chiah

fired at army positions in Ain Rummaneh. There were no reports of casualties.

The radio said Israeli patrols were seen on the roads leading to the Shouf mountains, which were the scenes of heavy fighting between army troops and the Druze militia last month.

A column of 13 Israeli vehicles advanced in the Kharoub region, which makes up the southern ridges of the Shouf mountains, and took up positions there, the radio said.

The peace talks, which initially were to begin last week, were expected to discuss new formulas for sharing power between Lebanon's warring religious and ethnic groups.

King holiday looks good

WASHINGTON (UPI) — The Senate will almost certainly vote next week to declare a national holiday in honor of Martin Luther King Jr., despite the impassioned opposition of North Carolina's two Republican senators.

Only a handful of senators, led by Sen. Jesse Helms, oppose the measure. The House overwhelmingly approved the legislation last summer and President Ronald Reagan has indicated he will sign it into law.

Helms, joined by Tar Heel colleague John East, opposes a national holiday for the slain civil rights leader for two primary reasons: its cost in terms of lost productivity, both in government and the private sector, and because of allegations King had communist leanings.

"Although there is no record that Dr. King himself ever joined the communist party, he kept around him as his principal advisers and associates certain individuals who were taking their orders and direction from a foreign power (the Soviet Union)," Helms charged on the Senate floor.

Helms also pointed to King's association with the Highlander Folk School, a Monticello, Tenn., organization believed by the FBI to be a communist front.

"I don't think there's any question about that (King's communist

leanings)," Helms told UPI in an interview.

Helms also said research has shown another federal holiday will cost at least \$5.2 billion in lost federal and private productivity.

East said that George Washington and Abraham Lincoln are currently the only Americans honored with a national holiday.

He suggested Thomas Jefferson, James Madison, Douglas MacArthur, Franklin D. Roosevelt or Robert E. Lee were just as deserving, yet have no national day.

"I do not see how, if this day is made a national holiday, you can resist the other groups that come forth," East said.

"I will... ultimately vote against this measure," he said. "But I do not do it out of disdain for black Americans, for whom I have the greatest admiration. I have them on my staff and I expect to have more."

"I have found them very talented and creative people," he said.

"I'm not going to sell my soul to stay in the Senate," said Helms, who faces a tough re-election bid against Gov. James Hunt Jr. "They (blacks) vote Democratic no matter what."

One member of the House, Rep. Robin Britt, D.N.C., was quick to disclaim Helms' charges, saying he "does not speak for North Carolina."

Sen. Strom Thurmond, R-S.C., once a segregationist, will support the legislation. Thurmond's stand invoked the wrath of former Georgia Gov. Lester Maddox, who last week told him he "ought to get out of the Senate and maybe out of the country."

"I have never opposed a day of recognition for Dr. King, provided the cost problem could be adequately addressed," said Thurmond.

"Congressional leaders recently have assured me that legislation will be considered shortly to reduce the overall cost associated with these holidays."

Sen. Ernest Hollings, who sources said got an earlier vote on the measure postponed because he was out of town campaigning for president, also spoke for the holiday on the Senate floor.

"It is time to recognize a man who accomplished a great deal not because of the power of his office, but because of the power of his message," said Hollings.

"The struggles in Birmingham and the struggles in Selma, throughout the South and throughout the nation, were often met by tear gas, clubbings and mass arrests," he said. "King not only furthered the cause of black Americans, he furthered the cause of all Americans."

Opportunities open at Minority Career Fair

Lola Britt
Staff Writer

Over 36 companies and 500 students participated in State's Third Annual Minority Career Fair, according to Jackie Griggs, chairperson of the Black Students' Board.

The career fair was Oct. 6 from 9:15 a.m. to 5 p.m. on the second floor of the Student Center.

"I believe the minority career fair is very beneficial, because not only are you able to seek prospective

employment, but you are also able to learn about new corporations and new job positions," said Wana Anderson, a sophomore in computer science and math.

"I think the fair was very beneficial for students seeking summer internship and future jobs," said Katie Wiggins, a junior in electrical engineering.

"I think the career fair is beneficial, because you are introduced to companies that you may not have been aware of hiring in your particular field," said Jocelyn Petty,

a representative of Duke Power and a former State student.

On Oct. 6 a banquet was held in the Walnut Room with guest speakers Robert Patterson, class of 1982 and Claude Verbal, class of 1963.

"Find out what's expected of you. It's up to you to go about satisfying those needs," Patterson, a representative of First Union National Bank said. "You owe it to yourself to be a role model for other black kids to know it can be done," said Claude Verbal, a representative of Buick Motors Corp. and one of the first

three blacks to graduate from State.

"I think this is an excellent idea for companies to get involved actively recruiting minorities," said Clifford McNeely, a senior in zoology.

"I think it is great. It's given me an opportunity to plan my future," said Veronica Floyd, a junior in accounting.

The theme of the career fair was "Keys to a Changing Future." The fair was sponsored by the Black Students' Board, the Minority Affairs Adhoc and the Society of Black Engineers.

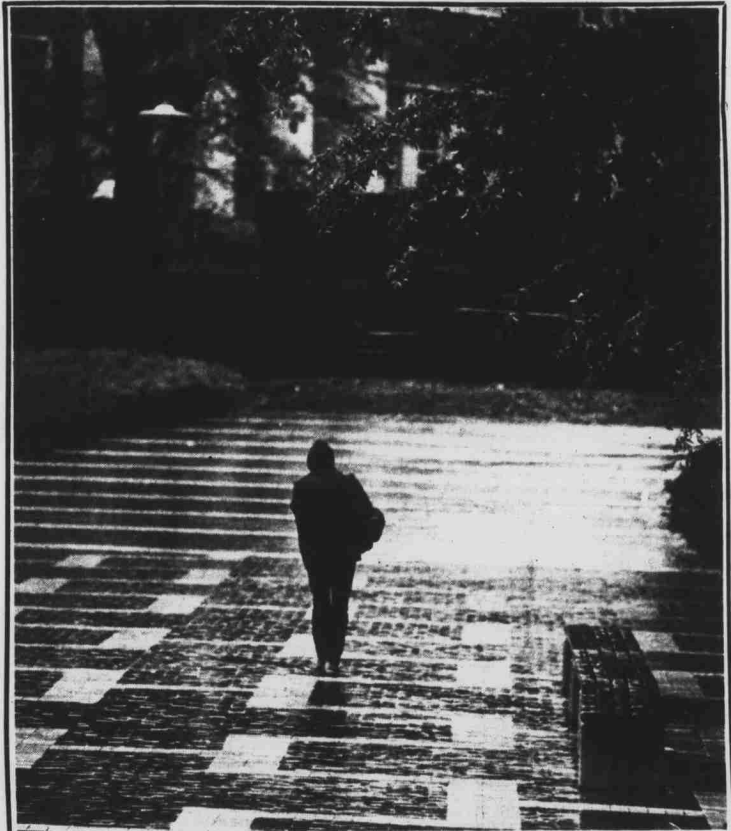
fulfill our responsibility."

NCRA unsuccessfully fought a one-year increase to 19 in the drinking age for beer and wine, but did succeed in modifying the "Dram Shop" section to say that the bartenders and waiters who serve liquor to a minor who then causes an auto accident can be held liable for civil damages from that accident.

ferred at the McKimmon Center as part of its continuing education program.

Fee for the workshop is \$75 which includes the cost of lunch and necessary materials.

To make reservations or to get more information, write or call Frank Emory or Thelma Hunter at the NCSU Division of Continuing Education, P. O. Box 5125, Raleigh, N.C. 27650, (919)737-2261.



Neither rain, nor sleet... Wet and weary weather makes classes harder to face. The brickyard as well as students' shoes become saturated with early morning drizzle, and brave souls slosh through the puddles to 7:50 classes. Technician file photo

Search begins to replace Watt

WASHINGTON (UPI) — President Ronald Reagan's chief spokesman cautioned Tuesday against speculating the president is concentrating on one or two candidates to replace Interior Secretary James Watt.

Reagan arranged a meeting with his top White House advisers to formally begin the search for a replacement for Watt who announced his resignation Sunday.

Deputy press secretary Larry Speakes cautioned against "speculation that centers on one or two persons, saying "that would be wrong."

Speakes said Reagan "has no one in mind" and has no timetable for making a choice.

Speakes said the White House has received many recommendations from members of Congress, environmental groups and the private sector.

He said the president "wants to

proceed with the selection process," and will meet with White House counselor Edwin Meese, chief of staff James Baker, deputy chief Michael Deaver and personnel director John Herrington.

"This is a thorough, well thought-out search," Speakes said. "There is no specific timetable, but we would like to move as quickly as possible."

White House aides said they expect the president to move swiftly in naming a replacement for Watt, whose joking reference to the racial, religious and physical makeup of an advisory commission caused the 2½ week uproar that culminated in his resignation.

Director okays banners

Gina Eatmon
Staff Writer

Many students may wonder what the policy is for displaying banners at football games. Frank Weedon, associate athletic director, said banners are welcome at the games, and students need merely to have their banners and desired locations for display approved.

Students should take banners to the Carter-Finley Field House before a game, where Weedon, Bobby Stocks, the stadium engineer or

security guards will check the banners.

If they meet the set requirements, they can be displayed. These requirements are the signs must not be obscene, overly suggestive or risqué, and that they must not block anyone's view of the football field.

Weedon said that this has been the policy for displaying banners for years, and that there have been no problems with it. He said the only time banners have been taken down was when they were obscene or were blocking someone's view.

Hunt talks to restaurants

Governor asks cooperation from owners

RALEIGH, N.C. (UPI) — Gov. James Hunt urged restaurant owners Tuesday to carry out their promise to work with officials in prosecuting minors who try to buy liquor.

"We need to get the message out, and especially with the young people, that not only will you be turned down but that you'll be prosecuted," Hunt

told about 150 North Carolina Restaurant Association members at a meeting on the state's new drunken driving law.

"We need to develop a new ethic of responsibility when it comes to drinking and driving — especially for young people," Hunt said. "They are destroying their lives, and they need

our help, just like they need our help on that field or on a baseball diamond."

NCRA Executive Vice President T. Jerry Williams told Hunt afterward that restaurateurs "recognize our social, moral and legal responsibilities, and we're going to be working with you to see that we

Teleconference opens for 'inexpensive justice'

Registration is open at State for a teleconference scheduled in November, designed to help people gain "inexpensive justice" through the Small Claims Court.

Sponsored by State's Division of Continuing Education and the Institute of Government at the University of North Carolina at Chapel Hill in cooperation with the Administrative Office of the Courts, the four-hour, non-technical workshop on self-representation in the Small Claims Court will be held Nov. 15

from noon until 4:30 p.m. at the McKimmon Center.

The teleconference is designed to show businessmen, property owners, tenants and consumers how they can sue to claim payment or seek redress through the Small Claims Court. Included in the presentation will be a videotape showing a small claims case from start to finish.

Each participant also will receive a 1983 edition of *Inexpensive Justice: Self Representation in the Small Claims Court* included in the regis-

tration fee, authored by workshop leader Robert Spurrier.

Co-leading the discussion will be Jean Brannon, assistant director of the Institute of Government, and David Guth, past small claims magistrate and author of *Suing in Small Claims Court*.

The teleconference portions of the program will emanate from Oklahoma State University and will be carried by the National University Teleconference Network. It is the second teleconference State has of-

inside	— Watt was victimized. Page 5.
— Intercollegiate Briefs. Page 2.	— Louise Fletcher & Douglas Trumbull. Page 6.
— Rust on plastic makes diskette tech. Page 3.	— Crum expects State to challenge. Page 7.
— Lebanon is ready to bow. Page 4.	— Volleyball team wins. Page 9.
correction	weather
For Oct. 3 paper —	Today: Mostly cloudy, with a chance of showers and light rain. High of 20-22 (68-72F), with a low of 15-17C (59-63F).
3,199 freshman students out of a projected 3,200 students enrolled at State.	Thursday: Variable cloudiness with a slight chance of rain or drizzle. High from 21-23C (70-74F).
More than 9,000 persons applied for freshman admission and 3,000 applied for undergraduate transfer.	

Intercollegiate Briefs

GARDEN CITY, N.Y. (I.P.) — Infusing global perspectives into the university curriculum is one of the goals of Adelphi University's innovative Center for International Studies, according to Mosheh Rosanski, who has assumed the position of new associate dean of international studies.

"The center's expanding programs will also focus on international career opportunities and cross-cultural exchange."

During his six-year tenure at Pacific Lutheran University, Rosanski's efforts to promote global awareness in liberal arts and professional education met with great success.

"He was the founding director of PLU's Foreign Area Studies Program in 1977; two years later, he went on to found and chair the Pacific Northwest International & Intercultural Education Consortium made up of 36 universities in Alaska, British Columbia, Idaho, Oregon and Washington."

In Rosanski's view, international studies programs have been mistakenly perceived as co-curricular ventures beyond the bounds of practical education.

"To combat this idea, he intends to incorporate international studies not only into the liberal arts program, but also into professional disciplines such as education and business because of the growing internationalizing of careers."

Working with faculty, he proposes to develop a new Global Studies major which will complement existing disciplines. Students therefore, will be able to major in Economics and Global Studies or Political Studies and Global Studies.

To provide real world experience for these students, domestic and international internships

have been developed to earn them credit, career advancement being an integral part of the program.

Rosanski's aim is to integrate all of Adelphi's educational resources into a comprehensive whole in order to provide the practical experience essential for life and careers in a shrinking world. He thinks that the action taken by Adelphi to incorporate International Studies into the basic educational format is "progressive and manifests the importance of liberal arts in the practical world. Liberal arts are the core of our being as a university. A liberal education is a preparation for life."

CAMBRIDGE, Mass. (I.P.) — In a letter to the faculty, Dean Henry Rosovsky (faculty of arts and sciences) has cautioned his colleagues about the difficulties that may result from "amorous relationships" with any students for whom they have or could have professional responsibility.

According to Assistant Dean Marilyn McGrath Lewis, the letter reflects the Faculty Council's confidence in existing procedures for responding to complaints and articulates more fully than any other document the Council's overall thinking about sexual harassment.

Rosovsky's letter: "I shall comment first on the environment of the classroom, particularly certain difficulties that can arise between instructors and the students enrolled in their classes, collectively rather than individually. (Excerpted)

"Most members of the Faculty endeavor to treat all students fairly as individuals, and not as members of a category based on sex. Nevertheless we have not yet attained a state in

which women never feel themselves to be disadvantaged on account of their sex."

"Students continue to report behavior by members of the teaching staff that is discouraging or offensive to women. 'Alienating messages may be subtle and even unintentional. It may therefore be useful to offer specific examples illustrating a range of classroom conduct that tends to compromise the learning experience, especially, but not only, of women.'"

"Some teaching practices are overtly hostile to women. For example, to show slides of nude women humorously or whimsically during an otherwise serious lecture is not only in poor taste, but is also demeaning to women."

"Other alienating teaching practices may be simply thoughtless and may even be the result of special efforts to be helpful to women students."

"It is condescending to make a point of calling upon women in class on topics such as marriage and the family, imposing the assumption that only women have a 'natural' interest in this area. There is no specific term for the classroom practices just described. Their common effect is to focus attention on sex characteristics in a context in which sex would otherwise be irrelevant. For that reason, the general term 'sexism' is often used to describe this category of unprofessional behavior."

Relationships: "Officers and other members of the teaching staff should be aware that any romantic involvement with their students makes them liable for formal action against them if a complaint is initiated by a student."

"Even when both parties have consented to the development of such a relationship, it is the officer or instructor who, by virtue of his or her special responsibility, will be held

accountable for unprofessional behavior. Relationships between officers and students are always fundamentally asymmetric in nature."

PALO ALTO, Calif. (I.P.) — "Serious pursuit of the implications of scientific discovery for liberal learning," should become a "crucial educational objective" of institutions like Stanford University, which is strong in science but committed to the full range of cultural exploration, suggests President Donald Kennedy.

"Uprooting the humanities from science robs us of a critical understanding that they are the products of a co-evolutionary process, just as surely as the brain and culture are," he said. "That unity is the brightest and most exciting academic vision we could have."

A biologist, Kennedy said that "nowhere can the case for interpretation between the sciences and humanities be made more compelling than in the area of evolutionary thought. Yet ironically, it was the Darwinian Revolution that probably created the 'two cultures' problem in the first place."

During the past century, biology has "provided much of the substance for the most humanistic enterprise of all, that of deciding what is human," he added. It has irrevocably "changed" how people think about the design of political economies.

A direct outcome of the evolutionary paradigm and its successors has been a profound reorganization of our views about human freedom, human rationality and human equality," he said.

"A tight effective" interplay between biological and cultural evolution "has wrought the most rapid change in biological structure since evolution began — the growth of the human neocortex."

"It has also produced, of course, a rate of change in

the cultural milieu that is bewildering and sometimes frightening. A result of the interplay between these two kinds of evolution, unexpected when it was first seen, is a convergence between cultural and genetic fitness."

"This close coupling between the two kinds of evolution offers the optimistic suggestion that in time there is likely to be a complementary relationship between our biological endowment and our cultural arrangements."

Historically, he noted, "as long as one could be confident about the static character of the universe... a single and coherent system of natural philosophy could embrace the humanities and the sciences."

But the Copernican revolution, plate tectonics, and other scientific discoveries resulted in the triumph of dynamics over statics," he said. "Of all these upheavals, the one Darwin produced surely had the greatest impact on the unity of human knowledge."

"Darwin's laborious demonstration that biological species are not immutable, though often represented as a theological revolution, was much more a philosophical one."

"What Darwin had accomplished, for once and for all, was the demonstration that a single way of knowing was no longer possible. And, as a consequence, the strongest reaction in the end came not from the pulpit but from the Dons of Cambridge and Oxford."

Sigmund Freud was "the real scientific successor to Darwin," Kennedy said. Some of the most basic notions about freedom, rationality, and equality have arisen from "the human sciences" of psychiatry, psychology, and neurobiology.

In just 100 years, the biological sciences have triggered a most extraordinary reordering of our concept of what it means to be human and to be free.

"It is a view so new and so robust that it sometimes threatens to crowd out traditional choice and conventional morality."

"The focus on the individual is so powerful the World shrinks as the Self swells. If there is a defect in our behavior, if we fail in what we suspect may have been an obligation, there is a host of comforting explanations: selfish genes, oppressive early experiences, or defects in catecholamine biochemistry."

"Finding an ethical path within our new vision of self is one of the great tasks of contemporary humanism."

"At the same time, our view of reality has been reshaped in a way that also tends to internalize and individualize it. One's perceptual surroundings... is profoundly affected by patterns of neuronal connections that have been assembled over evolutionary time, and often refined during early development, to extract features of the world that are particularly relevant."

"There is not one single objectively verifiable world; there is, rather, the cat's world, the bird's world. We are now being told that the process of perception may actually extend much further than we thought — that is, beyond sensory qualities like brightness and audibility to things that are more accustomed to call 'values'."

"Psychologist and neurophysiologists have shown that sensory systems exhibit 'range compression' — that is, become less sensitive and able to discriminate as stimuli become more intense."

Years ago, scientists discovered that people could detect a difference of one gram between relatively light weights, but could barely recognize a 10-gram difference when the weights were an order of magnitude heavier. Now "strikingly similar rules" are emerging from test of human choice between rewards or risks of different magnitude and probability.

"It is a sobering thought that our biological endowment may actually fix

and establish many of the parameters we thought belonged to an external world. It is even more sobering that we may be biologically — innately — committed to some qualities we thought we were choosing freely and on the basis of individual experience."

ANN ARBOR, Mich. (I.P.) — "Adult education is in a boom period," says Prof. Lawrence S. Berlin, chairman of the Graduate Program of Adult and Continuing Education at the University of Michigan.

But explosive growth has put the field into a state of disorder that has Berlin and other professional educators deeply worried.

"Historically and until very recently, adult and continuing education has been the province of three distinct agencies: educational institutions, professional associations and employers," Berlin said. Now a fourth provider has come on the scene: the private entrepreneur, whose rapid rise to prominence has been nothing short of spectacular.

"The once quiet, almost sedate marketplace is now one of enormous competition for power and profit."

"Ironically, the universities have become a public resource for private enterprise without even claiming a finder's fee," Berlin says. "We have no meaningful coherent national policy on the provision of services," he said, "and thus the field is highly vulnerable. Opportunity abounds, for hucksters and hustlers as well as the conscientious entrepreneur."

"Continuing education is a multi-billion dollar industry that currently has no central regulatory agency — government or otherwise — to insure its integrity. Do cheap, in a qualitative sense, programs drive out dear programs? Can we protect against this?"

CAMBRIDGE, Mass. (I.P.) — Harvard up-raises students' report card on their undergraduate education and more satisfaction with the residential

Houses, a survey released recently by the House Masters reveal.

The data was collected by the Office of Research and Evaluation. According to Dean K. Whittle, who directs the office and who conducted the survey, "The changes over a decade aren't large but the trends are positive, as positive as we've had."

Three similar questionnaires had been sent to seniors and randomly selected sophomores and juniors over the past nine years at three-year intervals in an effort to determine the role of the Houses in providing effective educational and social environments.

The survey, which in part asked students to rate various aspects of their experience here on a scale of one to five (with one indicating the highest satisfaction), shows that on average, today's students are more pleased with Harvard than their predecessors in the broad categories of their social and academic lives.

Students on the average gave their "Harvard experience" a 2.1 rating — up from 2.3 in 1979, 2.5 in 1976, and 3.3 in 1973.

The students ranked satisfaction with House life in this survey at 2.4 compared to 2.5 in 1979, 2.4 in 1976, and 3.3 in 1973.

On a seven-point scale, students gave the atmosphere in the dining rooms a 3.6, and fewer students found their House locations objectionable than in previous years (2.2).

In response to a question on the relative importance of various aspects of a student's undergraduate years, the survey found that (on a seven-point scale) friends ranked first (1.4); course work, second (2.5); field of concentration, third (2.7); House life, fourth (3.1); athletics, fifth (4.3); drama & music, sixth (4.7); social organizations, seventh (4.8); and Harvard publications, eighth (5.2).

According to Whittle, "these averages show us that the college is fulfilling the expectations of undergraduates in important areas and that things are as they should be with friends & coursework receiving high ratings."

JUNIOR EXECS

ARE YOU IN THE JOB MARKET?

SALARY
Starts \$17,900 - \$24,100 increasing annually to \$28,600 - \$44,800 in four years.

QUALIFICATIONS
College grads, all degrees and degree levels considered. Recent grads looking for first job as well as those contemplating a job change (under age 28) are encouraged to apply. Required to pass mental and physical exams.

BENEFITS
Full medical, dental, unlimited sick leave, 30 days annual paid vacation, post grad education programs and retirement in 30 years!

JOB
Positions are still available in the following areas: Management (technical and non-technical), Engineering, Nuclear, Teaching, Intelligence, Aviation Management, Diving, Pilots, Finance, Personnel Management. Worldwide locations - we pay relocation expenses.

If you are interested in more information send your school transcripts or resume to:

ROY SARVIS
U.S. NAVY OFFICER PROGRAMS
1001 Navaho Dr.
Raleigh, NC 27609
Or call 1-800-669-7931
9am-3pm, MON - THURS

STUDIO 1

Very Special:
"Playboy" Late Show Tonight
11:15 p.m. Adm. \$2.00

On the Tenth Anniversary of "DEEP THROAT"



Consenting Adults

Concepts by ANNIE SPRINCLE and VERONICA VERA
With Appearances by SHARON MITCHELL, JOEY HARRISON, ROBIN SANE, SHERRY MAC, CHAMBERLAIN, JOEY SHERRA, MARC STRECHES
Director of Photography LARRY REYNE • Production Manager PAULA RESEWITZ
Produced and Documented by GERARD DAMIANO
A Platinum Pictures Release • ADULTS ONLY

JADE GARDEN CHINESE RESTAURANT

1207 Hillsborough St.

First in Raleigh!
Dinner Delivered To Your Door!
Weekdays 'til 9:00 pm
Weekends 'til 10:00 pm
Limited To 3 Miles Distance
Minimum order \$10.00

833 - 7798

Lunch:
Mon - Fri 11 - 2 pm
Sunday 12 - 2 pm



Dinner:
Sun - Thur 5 - 9:30
Fri - Sat 5 - 10:30

FROM NEW YORK, LAS VEGAS, BOISE...

Top Professional Comics from Across the Country!

SHOWTIMES: TUE - THUR. 9:00 • FRI. & SAT. 8:30 & 11:00



TUE. & WED.
COLLEGE NIGHTS
2 for 1 Admission with college ID

861 W. MORGAN ST. • 832-0998

Reservations recommended

Wakefield Apartments Amenities Free Direct Bus Service To And From Campus

Great off campus living only \$326.25 per semester.*

One bedroom only \$135.00 (shared by two students)
Two bedroom only \$72.50* (shared by four students)
Price includes bus service.



Located adjacent to Wake County Medical Center and the Ballikes, just 15 minutes from NCSU. 9 Month lease available. Up to 4 students permitted per apartment house per month per person reasonable. Enjoy Raleigh's most complete planned social program! Year round indoor swimming pool, sauna, exercise room and children. Tennis courts, volleyball court and outdoor pool, too! One and two bedroom plans offer modern kitchens, air conditioning and carpeting. Collection, HBO and rental furniture available. Direct bus service to NCSU on Route 15. For complete information and a complimentary indoor pool pass, visit our model apartment!

Wakefield 3105 Holston Lane. Phone 832-3929 Today!
Summer Session Leases Available!

*Special NCSU student rate. Based on 4 students in a two bedroom apartment. Price is per student and includes transportation. **Per month per student.

10% OFF ANY HAIR CARE SERVICE ALL YOU HAVE TO DO IS BRING US YOUR N.C. STATE I.D. CARD

If you attend, or work at State, bring your I.D. or registration card and we'll give you 10 percent off any haircare service. We want you to discover the service, convenience, quality, and value at Fantastic Sam's where you never need an appointment. Who says it doesn't pay to have an education.



GRAND OPENING
AVENT FERRY
SHOPPING CENTER
OCTOBER 10, 1983

OPEN
9-6 M.W.F.S
9-8 T.H

Fantastic Sam's

The Real World Interface

Rust on plastic still best method of data storage

John Davison
Science & Technology
Editor

Computer programming and data storage have made huge progress in the years since the first Eniac and Univac computers. These old machines used tubes, mechanical switching and "hard-wired" programming to accomplish their number crunching. Hard-wired programs required operators to change the sockets that wires were plugged into to make changes in the computer's program — a far cry from today's fast, interactive programming on machines like the ones at TUCC.

Data storage has also made huge advances in the years since the most efficient method of keeping records was little holes punched into cards. Now, we use the latest in "mass storage" technology — rust on plastic. That's

right, the little 5 1/4 inch diskette you just paid over \$5 for is only a thin piece of polyester coated with a thin layer of ferric oxide. In case you don't remember your Chemistry 101, that's nothing but rust glued onto a thin bit of plastic, total value before your friendly computer outlet sells it: about 50 cents.

The data bits are stored in the form of small differences in the magnetic fields surrounding tiny particles of ferric oxide. The "write" head creates these differences to correspond to the proper signal, and the "read" head does just that, it reads the magnetic fields which have been created in the storage medium. These fields can be in the form of analog signals, in which differences in polarity and strength represent the signal. They may be in the form of digital information, in which the mere presence

or absence of a field represents one digital "bit." The arrangement of these bits can be encoded to mean anything you can imagine, from a sound signal, like the new digital tape masters, to images beamed to earth from weather satellites.

Admittedly, there is a lot more to the technology involved in making a certified diskette or a quality tape than just mixing some powdered rust with a bit of some adhesive and spreading it over both surfaces of a huge roll of plastic. The purity of the magnetic materials (the rust, etc.) must be maintained or the stuff may not keep the information stored on it very long. The thickness of the magnetic layer is critical. If too thick, it will tend to flake off. If too thin, it will not take a strong signal from the write head, nor will it send a strong message to the read head of the drive.

Failures in tapes and discs of this sort are called "dropouts" whether you are concerned with stereos or with computers.

The adhesives used to hold the whole thing together must be flexible enough to take the bending and stretching that a tape must endure. The flexibility requirement is even stronger for the tape base. It must be capable of withstanding the stretching and bending that decks put a tape through without distortion. The polyester base should also resist physical changes due to heat and humidity, especially if used in a tape deck in a car or a portable video recorder. These are probably the severest tests of any tape's physical strength.

The plastic discs that are used in many of our home computers to store data and programs are somewhat less fragile than tapes, primarily because they are not as thin and because they do not come into intimate contact with the drive system except at the center where the drive clamps onto the disc. This does not mean that you can wash them in the dish-

washer with your water pipe bowl. You'll probably gum up the pipe with glue and rust.

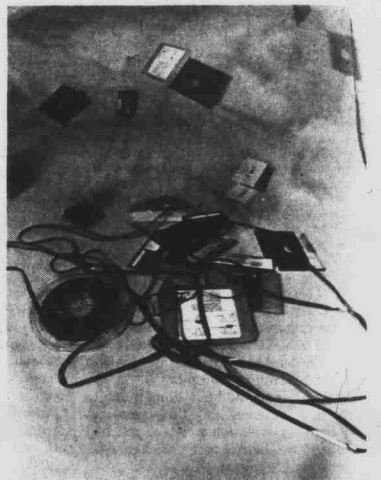
Any magnetic storage system like tapes or discs is remarkably sensitive to even the thinnest of smears on the surface facing the read-write heads. A fingerprint can cause a lost byte from a program or data tape, a dropped note from a music cassette, or a smeared image on playback from a video tape, so don't handle your tapes or whatever you use while you eat at a pig-picking. Even a non-greasy fingerprint from a "clean" finger can cause dropouts and other problems. The dust attracted by an invisible fingerprint can jam the heads of a hard disc system. Their read/write heads are not physically supported, but instead are held just off of the surface of the magnetically coated aluminum by an air cushion created by the spinning disc. The minute dust pile caused by a print can jam a head or a disc. This can be especially embarrassing if the dropout causes an important datum point or statement in a program to be mis-read, especially on

the night before a program is due.

There are many brands and grades of magnetic storage materials on the market today, ranging from cassettes you'd use to record lectures to studio quality video tapes that the networks use only once. The quality of these is fine, but even they have to take a back seat to the latest in certified computer tapes and discs. Some of these can store more data on a single small disc than a lot of home libraries contain.

Hard discs, the rigidly backed units used by big computers and advanced home units, can take enough information on their surfaces to shock even some computer people. These units are so sensitive, with their very narrow gaps between disc and head, that they must be kept in a sealed drive unit with its own filtering system for cooling air.

You'd think that, with all the research being done on computer technology, there'd be some exotic new system for data storage, but the best anyone has come up with is still "rust on plastic."



Staff photo by Greg Hatem

There are many ways to store information these days. Floppy disks, cassette tapes, reel to reel tapes and many other devices have become common in the last few years. There are both advantages and disadvantages to these methods.

GE tests first supercold generator

James Brigrman
Science & Technology
Columnist

When conducting materials are cooled to temperatures near absolute zero, all resistance to electric current flow goes to zero. This is the phenomenon known as superconductivity.

When large amounts of electric power are generated and transmitted, physically large generators and cables are required. Cables as thick as the wrist of a man are usually required to carry the electricity needs of a small part of a town the size of Raleigh. The problem gets worse as the demand increases. Cables and generators have to be made larger and larger to handle the increasing demand for electricity.

Superconductivity promises a solution to the

problem by allowing the use of physically smaller cables and generators. Resistance is related to size, but when resistance is eliminated with superconductivity, much smaller components can be used.

Scientists at General Electric corporation have achieved a milestone in solving the problem of generating larger amounts of power with smaller components. The first successful tests of an advanced superconducting generator were completed at the GE Research and Development Center in Schenectady, NY. The machine produced 20,600 kilo-volt-amps of electricity, which is enough for a community of 20,000 people. This is approximately twice as much electricity as could be produced by a standard generator of comparable size. The superconducting part of

the generator was the 13-foot-long rotor, which spins inside an intense magnetic field and is cooled to 452 degrees below zero Fahrenheit.

In a related development, independent scientists and engineers at Brookhaven National Laboratory successfully tested a 1,000 megawatt superconducting power transmission cable. The single-phase 430-foot cable is capable of carrying 4,100 amps of current per phase. It is only .035 inches square in cross-section. Conventional cables of the same size operating at the same voltage would be limited to one-fifth of the power carrying capacity of the superconducting cable. Economic analysis of the supercold cable transmission methods show that they would be cost effective for power transmission at distances of 10 to 50 miles.

Will computer revolution lower computer prices?

James Brigrman
Science & Technology
Columnist

These days, when people talk about personal computers, people talk IBM. The IBM personal computer is currently the most successful personal computer in the American marketplace. It has earned this status for very good reason—its value per dollar. The IBM PC sells for about the same price as a complete Apple IIe computer system, but it does so much more. The IBM differs from the Apple like a Model T differs from a Mercedes Benz. It's simply a darn good business computer.

That was no misprint... I referred to the IBM Personal Computer as a darn good business computer to prove a point. Calling the IBM PC a "personal computer" is like calling the Love Boat a "personal yacht". It's a totally silly statement that borders on being a lie. It lives up to the old adage that if you repeat a lie enough times, people will begin to take it as truth.

The IBM PC is not a "personal computer" because its price is just too high for your average person. That box of chips will set you back a cool \$2,600, and that's "base sticker price". When you need software to make it go you begin to find out that greed is not limited to computer manufacturers. One piece of software for the PC is a package that

turns it into a word processor. Called Lotus 1-2-3, it sells for \$460. Presto, and you're out \$3,000 for a super-duper electronic typewriter.

Let's be realistic... nobody pays \$3,000 for any typewriter, even if it can balance your checkbook and play video games. People pay that much for something essential like a car, or maybe food for a year. Computers have not yet reached the stage where they justify that much cash outlay by a single person. One could say that computers are slightly more justifiable than a stereo and less than a car. Price, along with quality should be a yardstick with which to measure the value of a personal computer.

So how much should a complete personal computer cost? A usable computer system should cost no more than \$600 including software. That should put it within reach of small families, students and teachers. After all, I paid less than \$400 for a stereo system and got a good receiver, speakers and a turntable. It's not a cheap stereo either. It's a quality system that delivers everything I want in good stereo sound.

But with a "personal computer" it's a different story. Once you get your computer, you also need a "personal disk drive", some "personal software", a "personal modem" and a "personal printer". It is not

enough for the computer manufacturers to rip you off once... they do it over and over and over. I think this lack of necessities is called "expandability", meaning that you can add so much to Brand X computer when you need more computing power.

Personal computer companies nickel and dime you to death for add-ons that are necessary. Again, home stereo is a good reference point. I don't have a cassette deck with my stereo system. That is a nice option to have, but I am pleased with the system without it. It is a more deadly situation with computers. A student could buy the main unit of a computer and then find out that he needs some other expensive component to make it do more than play Pac-Man. Indeed,

he might need several expensive components to get his computer to store data, print out that data, or talk to the mainframe at TUCC. The potential for losing a lot of money is much greater with a computer than it is with similar consumer products such as a home stereo.

That explains my chagrin when elitists call a \$75 computer "a toy". Some computerists joke about cheap computers like the gods have decreed that a real computer should cost a fortune. The joke is really on them. Technology is quickly moving toward cheaper machines with more capability than today's computers. The new Sanyo MBC-555 is proof. It is an exact copy of the \$2,600 IBM machine that has been introduced at a price of \$1,000. Expect that

figure to fall as Sanyo sells more of them.

There are signs everywhere that spell doom for overpriced technology. The \$200 Commodore-64 has the last laugh on the \$1,500 Apple IIe. The \$75 Vic 20 computer dug the grave for the Texas Instruments TI 99-4A. Atari has brought back that old kamikaze spirit by killing its own older, more expensive machines, they simply stopped making them. Their new line of personal computers is essential to the survival of the Atari home computer division.

For now, college students are severely handicapped when it comes to buying a really functional computer. Real computers are still out of reach for normal students. (Or at least those students who want to eat once a day.) But somewhere there is someone who can see the large demand out there for a reasonably priced, fully functional computer. In a year or so when that computer hits the market, the "computer revolution" will become more than a catch phrase used by mindless followers of pop culture. The tables will turn and we'll all joke about how silly it was to pay \$3,000 for a personal computer.

Feature Writers
You are desperately needed
Easy hours
dependable assignments
Get involved with your school
Write Features

Entertainment Writers
Writers meeting Thursday at 5:30
Important policy changes
will be discussed
New writers welcome

THE BEARS DEN

WEDNESDAY OCT 12
College Night
50¢ Bottle Beers and \$2.00 Pitchers ALL NIGHT
Student Member Cover \$1.00

THURSDAY OCT 13
Ladies Night
All ladies get free wine, beer, and champagne till 10:00
Lady members in free till 10:00

THURSDAY-SATURDAY OCT 13 14 15
STROKERS
Like the Stones, Don't Miss the STROKERS
★FRIDAY★ Super Happy Hour 5-9

Not Open To The General Public
CAMERON VILLAGE SUBWAY

for more info call 785-1624

EVERYONE IS PICKING UP ON PILOT PENS

WATCH OUT FOR THE STUDY HALL SNATCHERS

They know that the 89¢ astro fine Pilot Razor Point marker pen writes as smooth as silk. And the custom-fit metal collar helps keep that point astro fine page after page. That's why when it comes to a Razor Point, it's love at first write.

PILOT

So thin... it's love at first write

National Sponsor of MDA/1979 Lewis Telethon

WEDNESDAY
Classic Album — *Blind Faith*
with *Chrystal* 10 p.m.

THURSDAY
Request Rock
with *Dean* 10-11 p.m.

"THE THESIS MASTERS"

HOURS
Monday-Thursday..... 7am-10pm
Friday..... 7am-7pm
Saturday..... 9am-6pm
Sunday..... 12-5pm

kinko's copies

2808 Hillsborough Street Raleigh
(Across from NCSU and Swensen's)
832-4533

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

Lebanon heads for civil war

The ceasefire in Lebanon now appears to be over. Shelling between Druze and Christians has resumed. This is on the heels of invitations by Amin Geymael for the Druze leaders to discuss the situation with the Lebanese government.

These talks would have done much to ease the tension in the area. A consensus could have been reached between the Druze and the Lebanese government — a consensus which could have brought representation in the government for the Druze.

By turning down the proposals for dialogue, the Druze have shown their unwillingness to support peace and stability in the region. This is a travesty. The Druze have nothing to gain from the civil war which could easily result from this new uprising of area violence.

Unless the factions decide quickly to accept the invitations for dialogue with Geymael, Lebanon could erupt. It is beyond reason that the factions cannot see the problems that their lack of dialogue will cause their country. Communication in this war-torn region can yield far-reaching improvements.

The Druze complain that they are not properly represented in the Lebanese government. They say that Geymael is a puppet of the Phalangist and the United States.

The Druze have torn apart the credibility of this argument. Their refusal to end this lack of representation through dialogue with Geymael has prevented any concessions from being reached.

Lebanon is a powder keg. The Druze have lit the fuse by refusing to accept the

invitations for dialogue between them and Geymael.

The presence of the international peacekeeping force is presently not endangered. This could change if the Druze and Christians continue to escalate the violence in the region.

The U.S.S. New Jersey is prepared to protect the peacekeeping force if they are bombarded. The factions in the area should allow common sense to creep into their plans. If the peacekeeping force is bombarded, then this could well be the first situation which causes increased violence. The powder keg is ready to explode.

The presence of the peacekeeping force has prevented violence from exploding into war. It has also been credited by many experts as being a major factor prompting the cease-fire. Perhaps common sense will prevent the Druze from bombarding Lebanon and the peacekeeping force again. If this happens, then the peacekeeping force will have helped to prevent another threatening situation.

Lebanon looks ripe for civil war. Perhaps the presence of an outside, powerful force can prompt the factions to abandon their violent tendencies. The intelligent decision would be the one aimed toward discussion, consensus and representation for all — factions included.

The invitation is there; the factions have refused to accept.

Let us hope they change their minds. The security of the Middle East hangs in the balance.



Does popcorn mix well with politics?

Political movies raise big rukus

WASHINGTON — It's a peculiarly American syndrome that politically-sensitive movies raise a big rukus. At least once annually, it seems, a controversial film is released amid great publicity, people flock to see it, and before long someone is crying "propaganda!" Sides are quickly drawn: The movie is either an accurate portrayal of current events or a manipulative, revisionist tool.

Examples include last year's Constantine Costa-Gavras film, "Missing," a haunting work about an American businessman's efforts to find his son in civil-war-torn Chile, spawned \$150 million libel suit. And who can forget "The China Syndrome," the 1979 Jane Fonda film which the American nuclear power industry still believes is responsible for its current ills? As one might expect, most of the squabbles have occurred when filmmakers upset the Right by leaning too far to the Left.

Here and Now
Maxwell
GLEN & CODY
SHEARER
Editorial Columnists

In the coming weeks, Hollywood will release a string of new "political" films, some of which may attract the label of propaganda. If their success spawns a new public appetite for such films, it might mean a respite from the onslaught of sexual initiation movies that have held sway since June. We only worry what might happen if Americans start regularly taking their politics with their popcorn.

Indeed, seen together, the upcoming releases may add up to a condensed version of World Affairs 101. Costa-Gavras is back with "Hanna K.," the story of an Israeli lawyer, played by Jill Clayburgh, who is appointed to defend a Palestinian refugee. In two weeks, Orion Pictures will release "Under Fire," the story of two journalists (Nick Nolte and Gene Hackman) who cover the 1979 overthrow of Nicaraguan dictator Anastasio Somoza Debayle and wind up rooting for the Sandinistas.

Meanwhile, Chevy Chase is cashing in on the popularity of the nuclear freeze by playing an international weapons peddler in the upcoming Warner Brothers film, "Deal of the Century." Though a comedy, the movie "presents" a reasonably strong statement on the insanity of the arms race, its producer has said.

Closer to home, Meryl Streep will play the much-immortalized Korean Karen Silkwood in ABC Films' movie about the nuclear power industry employee who died in an automobile accident on her way to a meeting with a newspaper reporter, then investigating plant safety violations.

One salient feature of the new agitprop is a growing bipartisanship. One film, "The Final Option," involves the takeover (during a dinner party) of the American ambassador's residence in London by Soviet-controlled, anti-nuclear terrorists. Reagan administration officials, who've seen the movie, have already praised it.

'But as current affairs grow more complex, the tendency to simplify has its drawbacks.'

On one hand, there's nothing wrong with linking good stories to current events. Like all drama, as movies can help put a human face on a vague and confusing state of affairs (even if the face, as in the case of Streep or Clayburgh, is, not coincidentally, unforgettable).

But as current affairs grow more complex, the tendency to simplify has its drawbacks. With the right names on the marquee, Americans might find it easier to turn to the box office than the front page for the news of the world.

The director of ABC's "The Day After," a highly controversial movie about nuclear holocaust that is scheduled to air Nov. 22, recently explained to the Los Angeles Times that the political debate about nuclear war had grown too "hot and impassioned" for TV audiences to fathom. Nicholas Meyer, the director, says that his movie tries to lower the volume on the debate. (Long sequences of Kansas City, Mo., undergoing a first strike vaporization, are, indeed, simply incidental to the plot.)

Complicating matters are the activists themselves, who increasingly see celluloid as the best medium for delivering their messages. In fact, immediately following "The Day After," the freeze campaign plans to air a commercial to capitalize on the apprehensions of those viewers who fear life imitating art. As Norman Fleishman, a Los Angeles freeze proponent, told *The Wall Street Journal* last summer: "The only thing that will work in time to get the planet together is entertainment — everything else is too boring."

Fleishman's words may be the necessary companion to this season's political film festival. If you can walk out of the theater and still recall the melody of "That's Entertainment," you can be sure that you've caught Hollywood's most enduring message.

1983 Field Newspaper Service, Inc.

Democracy ousted in favor of authoritarian regime

President Ronald Reagan made the right decision when he cancelled his trip to the Philippines. Although the United States has strategic interests in the Philippines it would be unwise to link those interests too closely to an increasingly unpopular government. But it would be equally unwise for the United States to totally back out of the Philippines.

For nearly 85 years there has been some form of American presence in the Philippines. That presence has been chiefly military. Manila Bay offers one of the few deep-water ports large enough for American warships. Clark Air Force base near Manila is ideal for reconnaissance planes keeping an eye on the growing Soviet naval presence in the Pacific.

But the American belief in democracy also has a stake in the Philippines. It was the United States that instilled in Filipinos the belief in democratic government which ultimately led to a republic.

HENRY JARRETT
Editorial Columnist

Benigno Aquino, before he was assassinated, wrote a column in *The New York Times* saying how much Filipinos desired an end to President Ferdinand Marcos' repressive government and a return to democracy. He recalled in the column that every four years before Marcos imposed martial law Filipinos would select a new president.

Marcos changed all that. He was elected in

1965 and re-elected in 1969. Then in 1972 when his final term was about to end he imposed martial law to remain president. He jailed Aquino, who was a leading candidate for president, and thousands of other Filipinos. He lifted martial law two years ago, but there has been no return to democracy.

With the death of Aquino a return to democracy seems like a dim prospect. Aquino, the leader of the moderate opposition, was the only one capable of uniting all factions. But now the moderates are in disarray and shrinking in number.

The New People's Army of the Philippines, the guerrilla arm of the Filipino Communist Party, has yet to gain popular support. But if Marcos continues to be repressive, and if the moderates prove to be ineffective, then their support could grow. And no one can be too sure of their adherence to democratic principles.

The best the United States can do at this point is to encourage dialogue between Marcos and the moderate opposition. In addition, Marcos needs to be encouraged to conduct a politically untainted investigation into Aquino's assassination. How did the security men know Aquino was on that plane? How did the alleged assassin know? These are among the questions that need to be answered.

If the United States learned anything from the overthrow of the Shah in Iran it learned that it cannot link all its interest to one man. Repressive governments often are unstable ones. The United States should encourage a return to democracy in order to maintain stability and also because it is part of our legacy to the Philippines. If there is one positive thing Americans can give to the world it is a belief in freedom and justice for all people.

TECHNICIAN
Serving North Carolina State University since 1920

Editor in Chief
Jeffrey Bender

News Editor.....Shelley Hendrickson
Asst. News Editors...Sofia Hogan, Melanie Vick
News Assignment Editor.....Kim Boyd
Feature Editor.....Tim Ellington
Asst. Features Editor.....Lisa Morgan
Features Assignment Editor.....Kim Davis
Opinion Editor.....Ken Stallings
Sports Editor.....Dewin Steele
Asst. Sports Editors.....Bruce Winkworth
Scott Keepler
Craig Dean

Entertainment Editor.....Craig Dean
Asst. Entertainment Editor.....Santi Norton
Circulation Manager.....Bill Hurst
Photo Editor.....Drew Armstrong
Asst. Photo Editor.....Greg Hatem
Service Engineer.....Jay Ennis
Graphics Editor.....Dennis Draughton
Copy Editor.....Deborah Boyd
Asst. Copy Editor.....Ellen Griffin
Secretary.....Kim Ray

Advertising

Business & Ad. Manager.....Michael Covington
Sales.....Bill Lattin
Dave Sneed, Bates Canon
Tom Alter, Lyn Wilson
Ad. Production Managers.....Michelle Major
Jackie Jeffries

Designers.....Kim Ciemmons
Annette Jones, Blair Slaughter
Joelynn Willoughby, Susan Tobey
Chris Lisk, Helen White
Bessie Thompson, Bryan Taylor
Julie Hedrick, Susan Francois
Mark Adams, Emily Georg

Production

Manager.....Barry Bowden
Asst. Managers.....Tom Vess
Craig Spencer, Becci Mohr
Tony Porter, AnaRita Weber
Lura Jessup
Suzanne Fischer, Lisa Beeman
John Austin, Cindy Ellington
Mara Drake, Debbie Miller
Norman Benesch, Jamie Wells
Bob Reed, Mike Kilian
Dennis Atkinson

Typesetters.....Barbie Posey, Monica Dunnehoop
Caroline Waller, Nydia Doggett
David Duling, Fran Dorsch
Cindy Bathy, Laurie Onofrio

Proofreaders.....Michael Anderson, Yvette Phillips
Andrea Elliot, Marianne Greenfield
Bill Ridershour, Peabbles Brown
Carol Rascoe, Kevin Hardspath, Bill Cox

Unless otherwise indicated, the opinions expressed in the editorials, editorial cartoons, and columns appearing in the Technician do not necessarily reflect the viewpoint of the University's Student Government, administration, faculty or staff. Opinions expressed by columnists and editorial cartoonists represent the views of the individual columnist or cartoonist; such opinions may or may not agree with those of the Technician. The Technician's editorial opinions are the responsibility of and reflect the views of the editor in chief.

The Technician (USPS 455-050) is the official student newspaper of North Carolina State University and is published every Monday, Wednesday and Friday throughout the academic year from August through May except during scheduled holiday and examination periods. Summer publication is every Wednesday from May through August. Offices are located in Suites 3120-3121 of the University Student Center, Cates Avenue, Raleigh, N.C. 27607. Mailing address is P.O. Box 5698 College St. Station, Raleigh, N.C. 27650-5698. Subscriptions cost \$25 per year. Printed by Hinton Press Inc., Mebane, N.C. Second-class postage paid at Raleigh, N.C., 27611. POSTMASTER: Send any address changes to the Technician, P.O. Box 5698, Raleigh, N.C. 27650-5698.



Watt scapegoated; led sound environmental policy

The atmosphere surrounding the departure of Interior Secretary James Watt from President Ronald Reagan's cabinet should give the nation pause about the way it treats those who seek to serve the nation. There were many elements contributing to the fall of Watt — no one of which can be solely blamed.

The orchestration of Watt's ouster was an example of an enraged liberalism at full tilt, an orthodoxy bent on crushing its challengers regardless of the cost to society or the individuals involved. In their zeal to protect everything they consider sacred, the proponents of liberalism never seemed satisfied until their ideological precepts are accepted as "common sense." It is with this in mind that we should note the stifling atmosphere of public discourse — where dissenting views are considered so distasteful that they must be banished from consideration without appropriate examination.

Foremost among Watt's alleged offenses was that he attempted to do the job for which he was chosen by Reagan — the stewardship of the nation's public lands. Reagan came into office believing that the

nation's environmental policies had swung too far toward conservation. The precept of Reagan's policy is that the national interest is best served by the prudent and efficient utilization of public lands. The opposing view seems to be that public lands and wilderness areas are simply off limits to those who cannot afford the money and time to enjoy them. The problems we face are not quite so clear cut as the environmentalists would have us believe.

The rationale behind Reagan's interior policies is sound. Living in an era of economic stress heightened by global instability, we depend heavily on other nations for a great deal of our strategic resources. Many of these nations are unfriendly, unstable or both. We have a national reserve of many resources that are not utilized because of our fervent dedication to environmental quality. How will we react if our access to the vital resources we import is suddenly, violently impeded?

Human nature suggests that our reaction would be expressed in a spreading panic. Faced with the necessity to fuel the machines of crisis, the homes of our citizens and the



THOMAS PAUL DeWITT
Editorial Columnist

facilities of production, it is not altogether unlikely that our preciously guarded public lands would then be truly raped.

In such unguarded moments of panic it would be sophomoric to suppose that the nation's environment could emerge anything less than pillaged. Nations in a state of panic, democratic nations especially, do not long pause for reflection when survival is at stake. If the resources are perceived as necessary to the national security you can bet the rape will occur and the public will gladly assist.

Would it not then be more sensible to engage in the prudent management and development of public resources? Would we not be better off implementing a policy that

can be changed and molded to address the objective conditions necessary for both the national security and the environment? Is it not more sensible to cushion the management of our resources by long-term objective reflection than to pillage our resources in the height of panic? That is the central question.

Because Watt believes in the prudent management and development of our resources, and because he has raised these questions, he is anathema to the narrow-minded purists of the environmental movement. They demand, in a convoluted manner, that we padlock the public lands.

Furthermore, given the scenario outlined above, it seems that perhaps Watt and the Reagan administration have been better for the environment in the '80s than the environmentalists. After all, what is "the environment?" Technically defined, an environment consists of the surroundings in which an organism grows, thrives and dies. But a common sense definition suggests that human beings are as much a resource to be nurtured and protected as any other natural resource.

Indeed, what is the purpose of our environment if we cannot utilize its many functions and elements to our advantage? Do we wish to sanction vast expanses of pristine wilderness simply to have them? Or do we, as biological organisms with needs to be fulfilled, interact with our environment in a progressive and constructive manner? The answer seems to be that we are part of "the environment" and that, prior to sacrificing our lands to a preconceived notion of what our heritage requires, we should measure carefully the cost of limiting our options for survival.

The real "problem" with Jim Watt was simply that he posed such questions to a dozing public. Because the administration did not clearly spell out its intentions, public support was never there for the program. Those who did understand — the radical environmentalists — already had their ideology and saw little merit in discussing alternative management options for public lands. Their ideology came before objectivity, and thus triumphed.

Coupling this with a leftist media, Watt

was caught up in a vortex of ignorance and hypocrisy characteristic of repressive public discussion. The latest chapter of hatred directed at Watt was generated by his reference to members of an advisory panel on coal sales. Watt described them as "every kind of mixture... I have a black. I have a woman, two Jews and a cripple."

The indignation leveled at Watt for making this statement would be humorous were it not so serious. What have we come to in this nation when people cannot take a joke? That people can be so offended by such a petty thing is suggestive of a narrow-mindedness and self-righteousness not normally associated with those expressing their disapproval.

So James Watt is gone. A good Christian gentleman and a fine conservative who stands up for what he believes in, Watt was badgered and slandered out of office. The breaking straw was simply a union of two branches of liberalism — purist environmentalism and moral self-righteousness.

But the central issue has not changed. There are very serious environmental questions that both sides are ignoring in the fury of political wars. Watt's departure neither vindicates his opponents nor bodes well for a sensible evaluation of our dilemma. The whole issue is consumed in an emotionalism not conducive to proper debate, an emotionalism accentuated by the simplifications and idealism of environmentalism gone astray.

The nation is ill served by the seemingly continuous destruction of good men — public servants who have perceived personality quirks. The substance of and deliberation over national policy suffers accordingly, as the formulation of policy becomes dependent upon the acceptance or rejection of personalities.

Such as it is, the fate of James Watt is symptomatic of the superficial way in which we now govern America. We have become a nation less concerned with principles and substance and more concerned with appearances and adherence to the conventional wisdom. As such, we stifle debate and destroy the civility required of public discourse.

Forum

Mikeman should stay say cheerleaders

There seems to be an obvious unrest among the student fans at football games. The letter printed Sept. 30 by Scott Wolf brought this unhappiness into the open.

The problem addressed by Wolf was the mikeman at home football games. While a few of the points were valid, I'm not sure the student population realizes the job of the mikeman.

To begin with, the mikeman is part of the cheerleading squad. He attends all the practices (as much as 10/12 hours a week). He must know all the chants, cheers and sidelines done by the cheerleaders as well as having to quickly recognize situations and choose the appropriate chants. As if all that is not enough, it must be done in front of thousands of screaming fans. That is plenty of

pressure, but also add a microphone that screams uncontrollably at will and try to dodge flying ice cubes and cups.

It is my understanding that the microphone volume was a little too loud at the Virginia game, possibly because it was a brand new mike and had never been tested in the stadium. It will be turned down this week. It has also been suggested that the mikeman not yell on every down. The idea was submitted to the cheerleading coach, and I believe something will be changed.

However, the main reason for this letter is to help the students understand how difficult it is to be the mikeman. The cheerleading squad supports him 100 percent, and I believe it would help tremendously if the students would do the same. Instead of yelling obscenities at the mikeman why not channel the energy into yelling with him and the cheerleaders in trying to help our team and lead them to victory. It would make all situations easier if the students worked with the mikeman and not against him.

Todd Boyd
SR EDP
Co-Captain, Cheerleading Squad

Op-ed

Technician

Typesetters

There will be a short meeting
Thursday Oct. 13 at 4 pm
If you can not attend
please let me know

This Ad is worth \$5.00 off a tune-up.

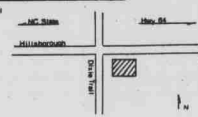


THE **Fuji** CLASS

Lay-away now available for Christmas.
10 speeds from \$149.00 up

Huckleberry's

4000 Hillsborough - Corner of Hillsborough and Dixie Trail



BACON, EGG & CHEESE
BISCUIT
.99¢

Under New Management

1 Dixie Trail
At Hillsborough St.
2 Blocks from NCSU
Save This Coupon

CAR SHOP
FOOD & DAIRY
HELP WANTED
RECEIVING APPLICATIONS FOR POSITIONS.
HOURS FLEXIBLE
APPLY IN PERSON BETWEEN 10 & 5
706 W. PEACE ST. 828-3359

RIALTO 1620 Glenwood Avenue
Raleigh 833-2502

NC PREMIERE RUN
Exclusive Area Engagement

"Robert Duvall makes 'Tender Mercies' The Best American Movie of the Year" - Time Magazine

TENDER MERCIES
starring Robert Duvall
Toni Harper
Dir. by Bruce Beresford

Daily 7:15, 9:05
Sat/Sun Mats. at 1:45, 3:35, 5:25

1st Theatrical Showing in NC - "N.C.A. Special Kind of Splendor," 10 min. Charles Kuralt

The International House of Pancakes Restaurants

SERVES A FULL MENU 24 HOURS A DAY

- ★ DINNERS
- ★ SANDWICHES
- ★ BREAKFAST
- ★ LATE NIGHT SNACKS

\$1.00 OFF ANY MEAL
WITH THIS COUPON
1313 HILLSBOROUGH ST.
(3 BLOCKS EAST OF THE BELL TOWER)

COPYTRON

XEROX COPIES
BINDINGS
PASSPORT PHOTOS
SELF-SERVICE COPIERS
7 DAYS A WEEK

Monday-Thursday 8-9
Friday 8-6
Saturday 9-5
Sunday 12-5

3008 HILLSBOROUGH
Next to College Beverage
832-1196

Fall Clearance Sale
20-40% OFF
sale ends Oct. 15, 1983

Selected Athletic Shoes for men and women

Adidas
Nike
Brooks
Others

\$3 OFF All Running Shorts
30% OFF All Sub 4 Warmup Suits

2520 Hillsborough St.
Across from D. H. Hill Library
821-5085

SECOND SOLE



ADVERTISED ITEM POLICY Each of these advertised items is required to be readily available for sale at or below the advertised price in each A&P Store, except as specifically noted in this ad.

PRICES EFFECTIVE THRU SAT., OCT. 15, AT A&P IN RALEIGH ITEMS OFFERED FOR SALE NOT AVAILABLE TO OTHER RETAIL DEALERS OR WHOLESALERS

DOUBLE COUPONS

FOR EVERY \$10.00 YOU SPEND, WE WILL DOUBLE 5 MANUFACTURER'S COUPONS. EXAMPLE: \$10 PURCHASE = 5 COUPONS, \$20 PURCHASE = 10 COUPONS, \$100 PURCHASE = 50 COUPONS. ADDITIONAL COUPONS REDEEMED AT FACE VALUE!

Between now and Oct. 15, we will redeem national manufacturer's cents-off coupons up to 50¢ for double their value. Offer good on national manufacturer's cents-off coupons only. (Printed retailer coupons not accepted.) Customer must purchase coupon product in specified size. Excluded coupons will not be honored. One coupon per customer per item. No coupons accepted for fresh merchandise. Offer does not apply to A&P or other store coupons whether manufacturer is mentioned or not. When the value of the coupon exceeds 50¢ or the retail value of the item, this offer is limited to the retail price.

MFC'S COUPON	MFC CENTS OFF	A&P ADDED CENTS OFF	TOTAL COUPON \$ OFF
COUPON A	25¢	25¢	50¢
COUPON B	15¢	15¢	30¢
COUPON C	50¢	50¢	\$1.00
COUPON D	75¢	25¢	\$1.00

SAVE 81¢ LB. **The Butcher Shop** Park Special

FRESH LEAN COUNTRY FARM **Pork Loin** Whole **98¢** lb.

SAVE 71¢ LB. **Chuck Roast** WESTERN GRAIN FED BEEF Bone In **118** lb.

SAVE \$1.01 LB. **New York Strip** WESTERN GRAIN FED BEEF Whole Or Half (16-20 lb. avg.) Bone In **198** lb.

N.C. RED OR GOLDEN **Delicious Apples** Fresh With Quality **379¢** lb. bag

SAVE 30¢ **Ripe Tomatoes** JUICY RED **99¢** 26 oz. family pack

SAVE 10¢ LB. **Fresh Cabbage** CRISP GREEN **100** 5 lbs. only

SAVE 20¢ **White Bread** JANE PARKER 16 oz. loaf **19¢** Limit one with additional 7.50 order

SAVE 31¢ **Double O Tuna** IN OIL - IN WATER 6 1/2 oz. can **48¢** Limit one with additional 7.50 order

SAVE 61¢ **Corn Flakes** POST TOASTIES 18 oz. pkg. **48¢** Limit one with additional 7.50 order

SAVE 30¢ **Orange Juice** A&P FROZEN 16 oz. can **79¢** Limit one with additional 7.50 order

SAVE 41¢ **Tomato Ketchup** HUNT'S 32 oz. bli. **78¢** Limit one with additional 7.50 order

SAVE 30¢ **Hi Dri Towels** ASSORTED 2 big rolls **88¢** Limit two with additional 7.50 order

Now... Save A&P Gold Register Tapes for great savings on quality

Stainless Steel Cookware

5/8 Qt. warmer/server **\$2.99** With \$200 Worth A&P Gold register tapes. 18/8 Stainless Steel with 3 layer tri-ply bottom for better cooking

HERE'S HOW IT WORKS...

- Save your valuable A&P gold register tapes.
- When you have the amount of A&P gold register tapes needed, redeem them at the A&P Check Stand.
- Naturally, you can start saving more A&P gold register tapes for the next cookware item you plan to select.
- And remember, all items are on sale for the duration of this program. This offer is scheduled to end Saturday, December 17, 1983.

1905 P. J. LE HD. 201 E. HARGETT ST. 2712 HILLSBOROUGH ST.

4031 OLU WAKE FOREST RD. 2420 WYCLIFF RD. 527 PLAZA CIRCLE 5426 SIX FORKS RD.

Features

Director laments deterioration of quality in films

Editor's Note: This is the second of two parts concerning the principal figures of the movie *Brainstorm*. The interview resumes with Louise Fletcher, a UNC - Chapel Hill graduate, who also starred in the film. Also, an in depth discussion with director Douglass Trumbull is continued.

Ronnie Karanjia
Feature Writer

Louise Fletcher found the informal and friendly atmosphere on the sets conducive to her brilliant performance in the film. "Several films have required me to give a good performance even without a rehearsal. Film-makers expect you to be worth the 'price' they pay for and that they're not going to have to waste any time in getting you to deliver whatever they expect. In most films nowadays, there's no dialogue with the people you work with, and very often, you lose continuity as the film's ending is usually shot first and the remaining parts later. In this film, we discussed the script endlessly and Doug listened to our suggestions attentively, so I did not face these sort of common problems here," she said.

Asked whether she would like to turn to production, Fletcher appeared uninterested in spite of her belief that she could probably do a better job than most other people. "As I was married to a producer for 17 years, I know that it is a thankless, awful and relentless job. Besides, unless you're someone like Dino DeLaurentis, pushing your creativity and ideas into your film turns out to be a frustrating experience and usually nobody in the business appreciates your contributions," she added.

On her role as Lillian Reynolds, Fletcher jokingly remarked, "When I first saw my death scene, I actually laughed. I am very objective and love to be entertained, but when I am up on screen, I am not very objective and a very poor audience for myself. I loved doing the death scene and my role in this movie. I wanted to make her a believable character. Behind Lillian's hard gravelly shell, I wanted her 'mushy' core to stand out and I wanted her to come across as a likeable person."

Preparing for her role in this film, she spent most of her time studying doctors and patients with heart conditions at a hospital. "Most of my research time was used to prepare me for the challenging role looming ahead of me towards the end of my role, (the death scene) and I wanted



Louise Fletcher, left, one of the stars of *Brainstorm*, and Douglass Trumbull, director of the film, both say that the movie was difficult, but rewarding to complete.

to know as much as I could. Otherwise, I approached Reynolds purely from the human aspect and tried to imagine her response to various circumstances. At Burroughs Welcome, I studied and questioned many scientists and this input was quite helpful."

Douglass Trumbull, director of *Brainstorm*, has been one of the leading producers of special effects in the movie industry, for some time. The special effects for *Brainstorm* are supposedly some of his best. Trumbull explained his decisions to do special effects for only films which he directed after Steven Spielberg's *Close Encounters* (1977). "I've always wanted to direct a film, and I got tired of working for other film-makers. After *Silent Running*, directed by Trumbull I was considered a talented young director in Hollywood and received several offers. Arthur Jacobs was producing a multi-million dollar epic called *Journey Of The Oceanians* and I had shots taken, tests made and even a script ready when Jacobs died, sending the picture down the drain. That's why the death of a principal character in a movie is not totally new to me.

Trumbull explained any loss in visual effects arising from converting the 70mm stock to 35mm prints. "Even in 35mm, the screen width will still change and so will the sound from mono to stereo. But the effectiveness of the entire process is largely dependent on the dynamics of the theatres involved. Still, the sad but inevitable

truth remains that 35mm is never as good as 70mm.

"Going around to promote this film, I have been disappointed to find that several larger cinema houses having Cinemas facilities have closed, leaving very few big screen theatres. The conditions in which to release a 70mm film now are more deplorable than when 2001 was released. Only a few 70mm films have been shot and released over the last 12 years or so - the last of these probably being *Paton* (1970) and *Ryan's Daughter* (1970).

"Tron's special effects were shot in 70mm and most of the optics were done in 35mm - as with other films I have done special effects for. The special effects get reduced to 35mm when cutting is done for the film and is then blown back to a 70mm print that the audience sees."

Lamenting on the gradual deterioration in the quality of films released nowadays, Trumbull explained that the movie industry has gone downhill over the last 20 years. "Not as many films are being made now as were made before and even these don't have the same audio-visual appeal. Producers no longer own most of the theatres, and distribution problems have intensified. Most of the large cinema houses have closed down and the industry is facing a big slump."

The release of *Brainstorm* will provide an answer as to whether the splendor of big-screen visual entertainment is real-

ly appreciated or if it is just another innovation that has outlasted its usefulness. Time and ticket receipts will tell.

"MGM also asked me to work on another science fiction film called *Pyramid*. After two years work on the film, MGM suddenly went out of the movie business, leaving us stranded. My career as a director was cooling off fast."

Trumbull commented further on the ups-and-downs in his chequered career, adding, "Calamities involving sets and temperamental actors and actresses happen constantly. The movie business is filled with egomaniacs - creative people who are volatile, have changes of heart, who lose their temper and who don't want to 'get wet'. So if you want to survive in this business, you've got to be tenacious as hell. So with the limited effect of Natalie's death on the filming, I decided that I had no choice but to tough this one out. I drove absolutely to the wall and got this picture made. It was for Bruce, it was for Louise, it was for everyone."

"Making a movie is like waging war. It's like a campaign to penetrate some alien territory - you just have to last it out and try to win. Because if you flag slightly or get chicken, you will lose. The trouble was that Natalie was a highly visible actress. Otherwise it wouldn't have made that much news. Were it not for Natalie's demise, the film would have probably opened a

year ago. There were both positive and negative effects on this film."

Trumbull considers himself, primarily, to be a film-maker and considers making movies as a highly technical art form distinct from other arts and media. "This is a very technical media involving cameras, lenses, light, recorders, grips, sets, props, and so on. I never see myself just as a director but as a man who has to collaborate all these diverse factors involved in movie-making into one cohesive mass - the film. I enjoy the drama, entertainment and musical aspects of film."

"I love to blend the magic of theatrical lighting and staging with the magic of good histrionics. In fact, Louise and I collaborated closely on the layout of the set, on her movements, on what she would do and how she would feel. What the audience, at a glance, disregards in those scenes is the fact that there are 9 channels of live video coming out into that set. Several technicians off-camera are making sure that the tape runs smoothly and breaks off at the right moment. They make sure that all the lights are blinking in the right sequence and that the little head pops up when she pushes that button on the recording machine. That's what I love in making a film. Making sure that all these things come together simultaneously."

"People have loved to label me with stereotypical special effects, but what entertains is not just the special effects, but the human drama and emotions displayed visually."

This year's homecoming will feature variety of activities

The Embers, one of the top show and dance bands in the South will be featured at State's Homecoming Dance Nov. 5, the University's Homecoming Committee has announced.

The dance, set to begin at 8 p.m. in the McKimmon Center, caps a week of Homecoming 1983 activities which include the Homecoming Queen Pageant, the selection of the Homecoming Queen, a pep

rally, a parade and the Wolfpack's football game with Appalachian State. Tickets for the dance are \$6 per person in advance and \$10 each at the door and are on sale at the State University Student Center Box Office. (Ticket sales are set to begin today.) Tickets can be purchased via mail order by sending a check or money order for

the correct amount (made payable to the University Student Center) to Homecoming Tickets, University Student Center, N.C. State University, P.O. Box 5217, Raleigh, NC 27650.

The Homecoming Queen Pageant will kickoff Homecoming 1983 week Nov. 2 at 8 p.m. in Stewart Theatre. At the pageant, the 12 finalists in the annual contest will model gowns, and entertainment will be provided by State's music department. The student body will elect the Homecoming Queen in

ABORTION UP TO 12TH WEEK OF PREGNANCY

\$195

Abortions from 13 to 16 weeks at additional charge. pregnancy test, birth control and problem pregnancy counseling. For further information call 832-0535 (toll-free number 800-221-2568) between 9am-5pm weekdays.

"Gyn Clinic"

RALEIGH WOMEN'S HEALTH ORGANIZATION
917 West Morgan St. Raleigh, NC 27603

WOMEN'S HEALTH CARE YOU CAN DEPEND ON.

ABORTION: a difficult decision that's made easier by the women of the Fleming Center. Counselors are available day and night to support and understand you. Your safety, comfort and privacy are assured by the caring staff of the Fleming Center. SERVICES: Tuesday - Saturday Abortion Appointments 1st & 2nd Trimester Abortions up to 18 Weeks Free Pregnancy Tests Very Early Pregnancy Tests All Inclusive Fees Insurance Accepted CALL 781-5550 DAY OR NIGHT Health care, counseling and education for women of all ages.

1-800-672-5919

THE FLEMING CENTER

Stanley H. Kaplan **The MOVE!**

GRE BIO

CLASSES FORMING NOW AT Stanley H. Kaplan EDUCATIONAL CENTER Test Preparation Specialists Since 1938 For Information, Please Call:

1-800-672-5919

NOW OPEN TOTALLY NEW!

Skillet

NEW MENU PLUS Beer & Wine 55oz. Pitcher \$2.95

6:00 AM TO 1:30 AM

Across From NCSU at 2106 Avent Ferry Rd.

Sports

Harriers host 35th N.C. Championships

Geiger looking for grouping from top men

Women hope to withstand Tar Heel challenge



Sophomore Lynne Strauss and freshman Gavin Gaynor should be among the top finishers Saturday when the Wolfpack men's and women's teams host the 35th annual State Cross Country Championships.

Tom DeSchraver
Sports Writer

The Wolfpack women's cross country team will be trying to keep a tradition going Thursday in the 4th annual North Carolina State Championships — winning.

In the previous three years the meet has been held, the Wolfpack has won both the individual and team titles.

The race will start at 3:40 p.m. and will be held over State's home course at Carter-Finley Stadium. Following the women's race, the men's race starts at 4:30 p.m.

Ranked fourth nationally by *The Harrier*, State is the favorite in the meet. But arch-rival North Carolina has stirred the waves in women's cross country this fall with its upset of defending national champion Virginia at the Cavalier Invitational and must now be considered a threat to the Pack's dominance of the State Meet.

The race at the front should be all red and blue

(see 'Connie' page 9)

Tom DeSchraver
Sports Writer

In the sport of cross country, the fifth man on a team can be just as important as the No. 1 man.

Thursday afternoon in the 35th annual North Carolina State Championships held at the Wolfpack's home course at Carter-Finley Stadium, State's men's cross country team will try to group its first five runners ahead of meet favorites Wake Forest and Appalachian State.

The men's race begins at 4:30 p.m. and will follow the women's race, which goes off at 3:40 p.m.

Along with Appalachian State and Wake Forest, defending champion Brevard Junior College and North Carolina should join the Wolfpack in the title hunt.

In all, 15 teams from across the State will be competing.

The top returning place-winner from last year's meet is Wake Forest's Ron Rick, who

was third over the 8,000-meter course.

In the Wolfpack's two meets this year, there has been a different front runner each time — Andy Herr against Appalachian State and Jim Hickey against Penn State.

Head coach Rollie Geiger readily admits he doesn't know who will run No. 1 Thursday, but he's more concerned with how much time lapses between the first Wolfpacker across the line and the seventh one.

"We only have 33 seconds separating one through seven, but we've got to cut that down," Geiger said.

While Geiger looks for the gap to close between Wolfpack runners, he also wants the group running closer to the front.

"For us to be successful, we have to have our group much better at the front," he said.

And pointing to the front will be the group of Hickey, Herr, Pat Piper, Gavin

(see 'Men' page 9)

Crum praises Pack, expects challenge

Bruce Winkworth
Assistant Sports Editor

North Carolina head football coach Dick Crum said Tuesday at his weekly press luncheon that he expects State to come after the nationally fourth-ranked Tar Heels when the two teams meet Saturday at Carter-Finley Stadium. Crum cited emotion as a key motivating factor for the Wolfpack and praised the Wolfpack squad.

"Going over there, it's going to be a tough ballgame," Crum said. "We're going to catch their

best shot. We know that. State has played well, although they've had some ballgames I know they're disappointed in.

"Offensively, with Espesito, McIntosh and Evans, they have three good guys in the I-formation. They're the kind of guys where you say, 'Hey, we'll take those guys on our ballclub.' Defensively, I think they run well, and Vaughan Johnson is certainly deserving of all-America consideration. He's an excellent player, and Andy Hendel has played very well also."

The Tar Heels are coming off back-to-back conference wins over Georgia Tech and Wake Forest, but in both of those games they struggled early.

The Tar Heels have had one of the nation's most productive passing games this season, but against Wake Forest, the Deacons made Crum go to his running game. They responded by overwhelming with three of them — Tyrone Anthony, Ethan Horton and Eddie Colson each gaining over 100 yards.

"Wake didn't do any-

thing that we anticipated," Crum said. "It took us a little bit of time to make some adjustments and get settled down. Everybody talks about our running-game offense in that one of the nation's most productive passing games this season, but against Wake Forest, the Deacons made Crum go to his running game. They responded by overwhelming with three of them — Tyrone Anthony, Ethan Horton and Eddie Colson each gaining over 100 yards.

"Wake didn't do any-

Looking ahead to the Wolfpack, Crum said the Tar Heels would not vary their plans and would not name a starting tailback until later in the week, making the situation different from the days when Amos Lawrence or Kelvin Bryant were obvious starters at that position.

"I'm very comfortable with either guy," Crum said of Horton and Anthony. "I don't see either one as the starter; it's just who happens to be in the game on the opening series."

Women linksters claim first-ever championship

Robert C. Compton
Sports Writer

The Wolfpack women's golf team's victory in last weekend's Duke Invitational may not have been as exciting as the basketball team's victory over Houston last year, but don't tell Fran Allen.

Allen is State's women's golf coach, and she bubbled

with excitement as she talked about the victory.

"I'm very proud, and very, very excited," she said. "This is the first major championship for our girls, and they're very excited as well."

State entered the tournament hoping to play well but with no expectations of a championship performance. They got

great performances from Beth Schumacher and Jill Spamer, who had three sub-par rounds between them.

Schumacher finished third in the individual race, firing a three-round, two-over-par 224. Spamer had a poor round on the second day due to a sore back but rebounded on day three to shoot a three-un-

der-par 71 and lead the team's last-day charge to the victory.

Allen said she was especially proud of freshman Sharon Minnich, who had a three-day total of 238. Other players on the winning team were Leslie Brown, who shot a 235, and Jamie Bronson with a 234.

In the team finishes, State finished first with a team total of 909. Wake Forest was second with 914, host Duke was third with 916 and North Carolina was fourth with 922.

State's men golfers travel to Duke this weekend to play in the J. Ryan Memorial.

Students, here's your chance to participate in Technician's weekly Pigskin Picks poll. Just circle the prospective winner of this week's 26 games and submit to the Technician office by 5 p.m. Friday. The office is located on the third floor of the Student Center in room 3121.

The 25 students who make the most correct picks will be listed in Monday's Technician. The student who has the most correct picks will be Technician's guest picker on the last week of the college gridiron season.

There will be a three-tier tie-breaker:

1. Name the winner of the State-Carolina game.
2. Give the point spread of the State-Carolina game.
3. Give the total number of points scored by both teams in the State-Carolina game. Do not predict a score or the point total of the winning team. We want the combined point total for both teams.

If the first tier fails to break any ties, the second will be used. If it also fails to break any remaining ties, the third tier will be used.

Name _____

Phone Number _____

State-Carolina point spread _____

Total number of points in State-Carolina game _____

Game	Prospective Winner
North Carolina at State	_____
Georgia at Duke	_____
Virginia Military at Virginia	_____
Maryland at Wake Forest	_____
Arkansas at Georgia Tech	_____
West Coast at Connecticut	_____
East Carolina at Temple	_____
Virginia Tech at West Virginia	_____
Kentucky at Louisiana State	_____
Georgia at Vanderbilt	_____
Ohio State at Illinois	_____
Oklahoma at Oklahoma State	_____
Texas vs. Arkansas (at Little Rock)	_____
New Mexico at Brigham Young	_____
Wyoming at Utah	_____
Arizona State at Southern Cal	_____
Stanford at Memphis, Tenn.	_____
Florida State at Boston University	_____
Michigan State at Rutgers	_____
Michigan State at Indiana	_____

GROUCHO'S

Raleigh's Hottest Nightspot

WEDNESDAY
Ladies get in FREE from 8-10PM
Everybody gets FREE Draft from 8-10PM

THURSDAY
Beak the Clock Night
45¢ Bottle Beer till 10:00, 75¢ till 11:00
PLUS FLASHDANCE CONTEST
ALL STUDENTS WELCOME TO ENTER

FRIDAY
Happy Hour 7-9PM
\$1.00 Buckets

SATURDAY
Party Night

SUNDAY
FREE DRAFT
8-11PM

Memberships Available at the Door
Members can bring in all their guests...
3911 Western Blvd. for info call 851-6243

PORTABLE TYPEWRITER SALE

Smith-Corona, Royal
Silver Reed, Brother
UP TO 50% OFF

5 blocks from campus
B.C.E. Corp.
832-7723 615 W. Morgan St.

Convenient Food Mart

Open 24 Hours

Get Ready for the Carolina Game with ONE of Our

COLD KEGS

Don't forget our wide selection of foods and party supplies

Saturday State Special

Budwieser \$2.69 Reg. \$3.35

Mission Valley Shopping Center 834

Film Series 1983-1984

GEORGE CUKOR'S LEADING LADIES

1983-84 FILM SERIES
GEORGE CUKOR'S LEADING LADIES
LITTLE WOMEN.

LITTLE WOMEN. 1933, 116 minutes. Cast: Katharine Hepburn, John Bennett, Edna May Oliver. The original version of Louisa May Alcott's novel about a family of four girls and their widowed mother struggling through the Civil War era. Katharine Hepburn, in her favorite film role, is ideally cast as the brisk and spirited Jo March. A timeless film delightful for all ages.

NCSU UNION
UAB
ACTIVITIES BOARD

Films

Season NCSU Students \$8.00
October 13
Thursday
8:00pm
\$1.00

SNOOPY'S

3 delicious Snoopy's Hotdogs... \$1.29

Hillsborough St. location Only

Good through Oct. 24, 1983

INTRAMURALS

Residence Football

Division I
North 20 Bragaw North (1) 18
Gold 20 Tucker 12

Standings	
Bragaw North (1)	3-1
Tucker	2-2
North	2-2
Gold	2-2
Sullivan (2)	1-3

Division II
Owen (2) 44 Bragaw North (2) 0
Bagwell 32 Bragaw South (2) 14

Standings	
Bagwell	5-0
Owen (2)	4-1
Bragaw South (2)	1-4
Bragaw North (2)	0-5

Division III

Owen (1) 38 Alexander 6
South 12 Becton 12 (South won in OT)

Standings	
Becton	3-1
Owen (1)	3-1
South	2-2
Lee	2-2
Alexander	0-4

Division IV

Bragaw South (1) 32 Metcalf
Syme 32 Turlington 8

Standings	
Syme	4-0
Bragaw South (1)	3-1
Turlington	2-2
Metcalf	1-3
Sullivan (1)	0-4

Fraternity Tennis

Winner's Bracket
DU over Delta Sigma
KA over DU
PKA over SAE

Loser's Bracket
Sigma Chi over Theta Chi
SPE over Sigma Chi
SAM over Theta Tau
PKP over Farmhouse
SPE over Alpha Sigma Phi
Sigma Chi over Sigma Nu
SAM over PKT
PKP over TKE

Residence Tennis

Winner's Bracket
Sullivan (1) over Lee
Bragaw North (1) 3 Sullivan (1) 0
Bragaw South (1) 3 Owen (1) 0

Loser's Bracket
Alexander over Tucker
Bragaw South (2) 3 North 0
Becton 3 Owen (2) 0
Sullivan (2) over Bragaw North (2)
Alexander 2 Metcalf 1

Fraternity Football

Division I
KA 38 Theta Tau 6
PKP 12 Sigma Pi 6

Standings	
PKT	3-0
Kappa Alpha	3-0
Theta Tau	1-2
PKP	1-3
Sigma Pi	0-3

Division II

SAM 35 Sigma Nu 34
DU forfeit over Theta Chi

Standings	
DU	3-1
Sigma Chi	2-1
SAM	2-1
Sigma Nu	1-2
Theta Chi	0-3

Division III

PKA 14 SAE 12
LCA 54 AGR 12

Standings	
PKA	3-0
SAE	2-1
LCA	2-1
Kappa Sigma	1-2
AGR	0-4

Division IV

SPE 32 TKE 6
Alpha Sigma Phi 23 Delta Sigma 14

Standings	
Farmhouse	3-0
SPE	3-0
TKE	1-2
Alpha Sigma Phi	1-3
Delta Sigma	0-3

Fraternity Volleyball

Division I

Kappa Alpha over Sigma Chi 1-15, 15-11, 15-17
Delta Sigma over TKE 17-15, 14-16, 15-12

Standings

SPE	1-0
Kappa Alpha	1-1
Delta Sigma	1-1
Sigma Chi	1-1
TKE	0-1

Division II

PKT over Kappa Sigma 15-4, 15-8
SAM over SAE 15-7, 7-15, 15-9
Sigma Nu over Theta Tau 16-14, 15-3

Standings

PKT	2-0
Sigma Nu	2-0
SAM	1-0
Theta Tau	0-1
SAE	0-2
Kappa Sigma	0-2

Division III

LCA over Sigma Pi 16-14, 15-4
Farmhouse over DU 15-9, 17-15
PKP over PKA 15-9, 15-5



State's rugby football club players face off in a scrum in Sunday's loss to North Carolina. Staff photo by Marshall Norton

Club Sports Reminders

Club rosters, Release and Assumption of Risk Cards, and Insurance Cards must be submitted to the Intramural-Recreational Sports Department by 5:00 p.m., Friday, October 14.

There will be a meeting of all club presidents and faculty advisors Thursday, October 20 at 5:30 p.m. in Room 213, Carmichael Gymnasium. All clubs

must be represented. Publicity Chairmen-Information to be included in the Club Sports Bulletin should be turned into the Intramural-Recreational Sports office by 5:00 p.m. each Friday. Items for publication must be submitted to the Intramural-Recreational Sports Office by 2:00 p.m. each Monday.

Women excel at flag football

At first glance, it must be odd to see and think of women participating in a traditionally male dominated sport as football. However, that is exactly what happens each Monday afternoon on State's lower intramural field.

Many students may view this activity with a puzzled look or an upturned eyebrow, but very few dismiss it without some degree of amazement.

In the past, most civilized individuals categorize women in contact sports as those rugged competitors who beat each other to a pulp on Mid-Atlantic Championship Wrestling or at high speeds during the Roller Derby.

No, the girls who participate in intramural flag football do not hit each other, nor do they look like anything seen on channel 5 on Saturday night. What they do is play an aggressive, competitive style of football which deserves more than just laughter or criticism.

Residence Volleyball

Division I

Turlington over Tucker
Syme over Lee

Standings

Turlington	2-0
Syme	1-0
Tucker	1-1
Bragaw North (2)	0-1
Lee	0-2

Division II

King Village over Becton
Bragaw South (1) over Sullivan (2)

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

It does not take long for the average spectator at intramural football games to notice that the Rednecks or the Carroll dormitory team do not come close to resembling the Dallas Cowboys or Nebraska Cornhuskers. This is not the intention of the Intramural-Recreational Sports Department. The nature of flag football is to provide and employ the same fundamental rules and strategies of regular football but reduce physical contact to a minimum.

However, it is still football, and it is played by approximately 100 women on this campus making up ten teams and two leagues. If you don't think they are exciting or competitive, then you haven't watched yet.

Shiela Johnson, a junior and captain of her APO team, says that the women enjoy the "competitiveness and excitement of playing against other teams." She also said that she was surprised in the level of competition and ambition in the women's leagues. "When I was recruiting players for the team, I was surprised to see that most

of the girls didn't take it seriously."

Normally, the women do not do anything differently than the men. They use the same type of offense which usually consists of a shotgun formation and a strong willingness to pass the football. However, the girls are sometimes more creative than the guys. I've seen two double reverses turned into large gains by the ladies, but I haven't seen any attempted by the men.

The women also tend to understand the rules a little better than the men. While as an official in one men's game, I was approached by one player who asked if the offensive team must notify the defensive team of its intention to punt on fourth down. Because of the length of the field (60 yards), the kicking game is eliminated and no punting is allowed.

Susan Adams, a senior and captain of her Alpha Delta Pi team, said that her team "does not practice any during the week but we have been able to play well in games." Alpha Delta Pi is unbeaten as of October 7 and de-

feated APO in overtime in their last game.

Adams further said that she had no trouble recruiting players from her sorority. "We take all the girls and write down the sport that each girl is interested in. We choose our teams by taking those girls who show interest in that particular sport."

Because of their lack of experience in the sport, some of the teams run into strategy problems in some situations. Johnson said that in APO's overtime loss to Alpha Delta Pi she made the mistake of choosing the ball first as opposed to the field position. "We should have defended first, that way we would have had the ball on the last possession."

Under intramural rules, overtime is conducted in the following manner. A coin toss is used to determine possession of the ball just as at the start of each game. The ball is then placed on the 30 yard line (mid field). Each team alternates possession of the ball for one play until four downs are played by each team. Touchdowns and extra points are scored the same as in regulation.

After four downs if there is still a tied score, whichever side of the 30 yard line the ball ends up on determines the winner. Example: If team A has the ball on the fourth and final possession and moves the ball across midfield into team B's territory, team A is declared the winner.

Most of the girls enjoy playing football, but it does get rough at times. According to Johnson, some of the players "scratch you and pull your clothes some, but the officials usually call a close game."

That is if they are not watching too closely. Some officials after all have been guilty of watching bodies rather than watching to see if those bodies are following the rules. "Sometimes I think the officials aren't paying attention to the game," said Johnson, "but we try to cope."

All things considered, the pluses far outnumber the minuses for the girls involved. Maybe as a result of their success, the leagues will expand. Whatever happens, it will surely be intense.

Women's Football

Division I

Alpha Delta Pi 12 APO 12 (ADP won in OT)
IVCF by forfeit over Alexander

Standings

Alpha Delta Pi	3-0
APO	2-1
Carroll	2-1
IVCF	1-2
Alexander	0-4

Division II

Lee 6 South 0
Bowen by forfeit over Bagwell & Berry

Standings

The A-Team	3-0
Lee	2-1
Bowen	2-1
South	1-2
Bagwell & Berry	0-4

Lacrosse Club

The State lacrosse club played in the Fourth Annual Peachtree Invitational in Atlanta on October 8 and 9. In the eight team tourney, State defeated Savannah, Charlotte and had a double overtime win over Georgia Tech to advance to the finals. In the finals, the State team lost in overtime to Atlanta. Other teams in the tourney were New Orleans, Florida State and Tennessee.

Fraternity Bowling Tournament

DU over KA
PKP over SPE
Farmhouse over PKA
Sigma Chi over PKT

2nd Round

DU over Sigma Nu
PKP over Theta Tau
Farmhouse over TKE
Sigma Chi over Theta Chi



Adjustable
Colorful
Desk Lamp

\$30 Value **14.99**

Our spring-balanced, study lamp extends 32" with 360° swivel. Assorted colors with 100-watt capacity and 4-way clamp.

galleria

Cameron Village/Friday 11 9/755-0300
North Ridge Monday-Friday 10-9/Saturday 10-6/Sunday 1-5 • 872-0500

HYLAND PLASMA CENTER

ANNOUNCES TO STUDENTS!!
MAKE YOURSELF ELIGIBLE

FOR UP TO
★ **\$500.00** ★

PAID TOWARD YOUR TUITION.
HOW?!

Drop by the Hyland Plasma Center
on Maiden Lane
(ACROSS FROM THE BELLTOWER),
For Details

ALSO MAKE UP TO \$20.00 A WEEK
DONATING WHILE YOU STUDY

Talk to TUCC

ADM-3A Compatible
Terminal
with Built in Modem

\$195.00 plus

Tax & Freight
Large Quantity

Call Syntel Corp.

781-3048



The job market is getting tougher. Just because you will be graduating from college with above average grades doesn't mean you are marketable.

The unique internship program sponsored by Northwestern Mutual gives you the opportunity to get some practical business experience while still in school. Add to your resume and your bank account at the same time.

To find out how to qualify, attend the information seminar
Thursday, October 13 at 5 pm.
the GREEN ROOM,
4106 Student Center.



Staff photo by Paul Ruocchio
State's volleyball team defeated Wake Forest 15-1, 15-8, 15-5 Wednesday night in Carmichael Gym.

Men well-balanced

(continued from page 7)

Gaynor, Steve Thompson, Brad Albee and Todd Smoot.

An example of the Pack's balance is that after Herr's successful collegiate debut against Appalachian State, the freshman dropped all the way back to seventh on the squad against Penn State. But he was slowed slightly by a cold.

Also competing for the Pack will be Paul Brimm and freshman Ron Tucker.

In the 35 years this meet has been held, the Wolfpack has run continually near the top but can claim only one individual champion and one team championship.

State's first team championship came in 1980, and Jeff Wentworth claimed the Pack's only individual winner a year later.

The Pack may not have anyone capable of claiming the individual crown, but seven guys could prove Thursday that you don't need a superstar to win.

Connie Jo returns

(continued from page 7)

Prior to its upset of Virginia, The Harrier had the Tar Heels ranked 20th in the country.

Tomorrow marks the return of last year's No. 1 runner for the Wolfpack, Connie Jo Robinson. Geiger says Robinson is about 80 percent of where she should be in her conditioning.

In last year's meet, Robinson joined Strauss, Cullinane and then-senior Kim Sharpe in a tie for the individual title.

The second group for the Wolfpack is led by freshman Kathy Ormsby. Ormsby has run consistently this fall at the No. 4 spot but is coming off a

slight cold going into Thursday's meet.

The battle for the sixth and seventh places on the team is between senior Sue Overby, sophomore Sharon Chiong and freshman Patti Metzler.

Also running for the Pack will be freshman walk-on Betty Chermak.

Even though schools from all over the State will be running in the State meet, the race promises to be virtually a dual meet between State and North Carolina.

And anybody who calls the buildings between Hillsborough Street and Western Boulevard home should cherish the thought of the Tar Heels looking at the backs of Wolfpack runners.

classifieds

Typing

Professional Typing. Will do rush jobs. Call 828-1632. Ask for Marianne.

Typing-FAST, ACCURATE, REASONABLE-Freshmen papers, Doctoral dissertations, and everything in between. Call 828-8512, Mrs. Tucker.

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

Typist specializes in Engineering Typing. Including charts. Fast return. Call 847-7452.

Help Wanted

BLACK MALES AND FEMALES 945 will be paid to healthy non-smokers, age 18-35, who complete an EPA breathing study on the UNC campus. Travel is reimbursed. For more information, please call collect, 919-966-1253, Monday, 8-5.

HELP WANTED: Part-time, M-F 1pm-5pm. Apply in person at PIP Postal Instant Press 216 S. Wilmington St., Downtown Raleigh, 828-0536.

Need extra income? National Aloe Vera company, member of Direct Sales Assn., needs you. Will train. No investment necessary. Call 878-8458, 5 to 8 pm.

Part time work for occasional rights and weekends. 832-5586.

For Sale

Comic Books: 1940's-1980's Records: jazz, classical, oldies, swing, rock. Books: literature, history, science

fiction, mystery, 10-7 every day. Books/Records/Comics, 215 North Gregson Street, Durham. 833-3244.

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

1978 HONDA GL-1000 GOLD WING. Excellent condition. Call Burch. 737-5315.

Miscellaneous

ABORTION to 18 weeks. Private and Confidential GYN facility with Sat. and evening appointments available. Pain Medication given. Free Pregnancy Test. 942-0824.

LEASED PARKING 1/2 block to your building or dorm. Guaranteed space. 832-6282 or 834-5180.

LOST: wire rim glasses in hard case. Wed-10:05. Call guy, 737-3121.


Worried about pregnancy? For help with your problem, call BIRTHCHOICE 832-3030 anytime.

Roommates Wanted

Wanted: Responsible NCSU Student to live in and manage House 1 Block from Campus. Responsibilities include subletting rooms to other students and simple maintenance. Call 828-1570 or 1-778-5347.

Female Roommate needed: NCSU 1 mile, 2 B Room apt. 2 baths, 125/month plus 1/3 utilities. 834-3037.

Housemate needed: West Raleigh duplex, \$120/mo plus 1/3 utilities. 851-1762.



Holly Farms - Grade A

Whole 48¢ Fryers 1 Lb.

Nothing but the best for you.

We Reserve The Right To Limit Quantities.

These prices good thru Saturday, October 15, 1983

<h2>98¢ Lb.</h2> <p>Fresh Daily - 5 Lb. Pack Or More</p> <h1>Ground Beef</h1>	<h2>68¢ Lb.</h2> <p>4-8 Lbs. Average</p> <h1>Smoked Picnics</h1>	<h2>99¢ Each</h2> <p>Sweet Western</p> <h1>Large Honeydews</h1>
---	--	---

<h2>\$3.99</h2> <p>Pkg. of 12 - 12 Oz. Cans/Reg. & Lt.</p> <h1>Schlitz Beer</h1>	<h2>\$2.19</h2> <p>1 Liter Bottles - Carton of 6</p> <h1>Pepsi Cola</h1>	<h2>\$3.49</h2> <p>1.5 Liter - Red, Pink, Gold, White, Chablis</p> <h1>Taylor Lake Country</h1>	<h2>\$2.29</h2> <p>Pkg. of 6 - 12 Oz. Cans</p> <h1>Miller Beer</h1>
--	--	---	---

<h2>99¢</h2> <p>22 Ounce</p> <h1>Lux Liquid</h1> <p>Why Pay \$1.19</p>	<h2>3/\$1.09</h2> <p>1 Lb. - Food Lion</p> <h1>Margarine Quarters</h1> <p>Why Pay 47¢ Each</p>	<h2>99¢</h2> <p>10 Ounce</p> <h1>Jeno's Pizza</h1> <p>Why Pay \$1.29</p>	<h2>49¢</h2> <p>119 Sheets - 2 Ply</p> <h1>So-Dri Towels</h1> <p>Why Pay 59¢</p>
--	--	--	--

<h2>4/\$1</h2> <p>7.25 Oz. - Food Town</p> <h1>Macaroni & Cheese</h1>	<h2>69¢</h2> <p>14 Oz. - Assorted</p> <h1>Pet Ritz Cream Pies</h1>	<h2>69¢</h2> <p>6.5 Oz. - Lt. Chunk Tuna, In Oil</p> <h1>Chicken Of The Sea</h1>	<h2>59¢</h2> <p>18.5 Oz. - Betty Crocker</p> <h1>Cake Mixes</h1>
<h2>59¢</h2> <p>4 Pack - 1 Ply</p> <h1>Page Toilet Tissue</h1>	<h2>\$1.69</h2> <p>49 Ounce</p> <h1>Cold Power</h1>	<h2>3/89¢</h2> <p>14 Oz. - Dog Food Chopped Beef/Liver & Beef</p> <h1>Kal Kan</h1>	<h2>4/\$1</h2> <p>15 Oz. - Cat Food - Liver/Meat/Fish & Chicken</p> <h1>Puss N' Boots</h1>

<h2>99¢</h2> <p>Half Gallon</p> <h1>Donald Duck Orange Juice</h1> <p>Why Pay \$1.19</p>	<h2>\$2.99</h2> <p>96 Oz. - 50% Off</p> <h1>Downy Fabric Softener</h1> <p>Why Pay \$3.53</p>	<h2>99¢</h2> <p>32 Ounce</p> <h1>Del Monte Catsup</h1> <p>Why Pay \$1.19</p>
---	--	--

Then get in on the ground floor in our undergraduate officer commissioning program. You could start planning on a career like the men in this ad have. And also have some great advantages like:

- Earning \$100 a month during the school year
- As a freshman or sophomore, you could complete your basic training during two six-week summer sessions and earn more than \$1100 during each session
- Juniors earn more than \$1900 during one ten-week summer session

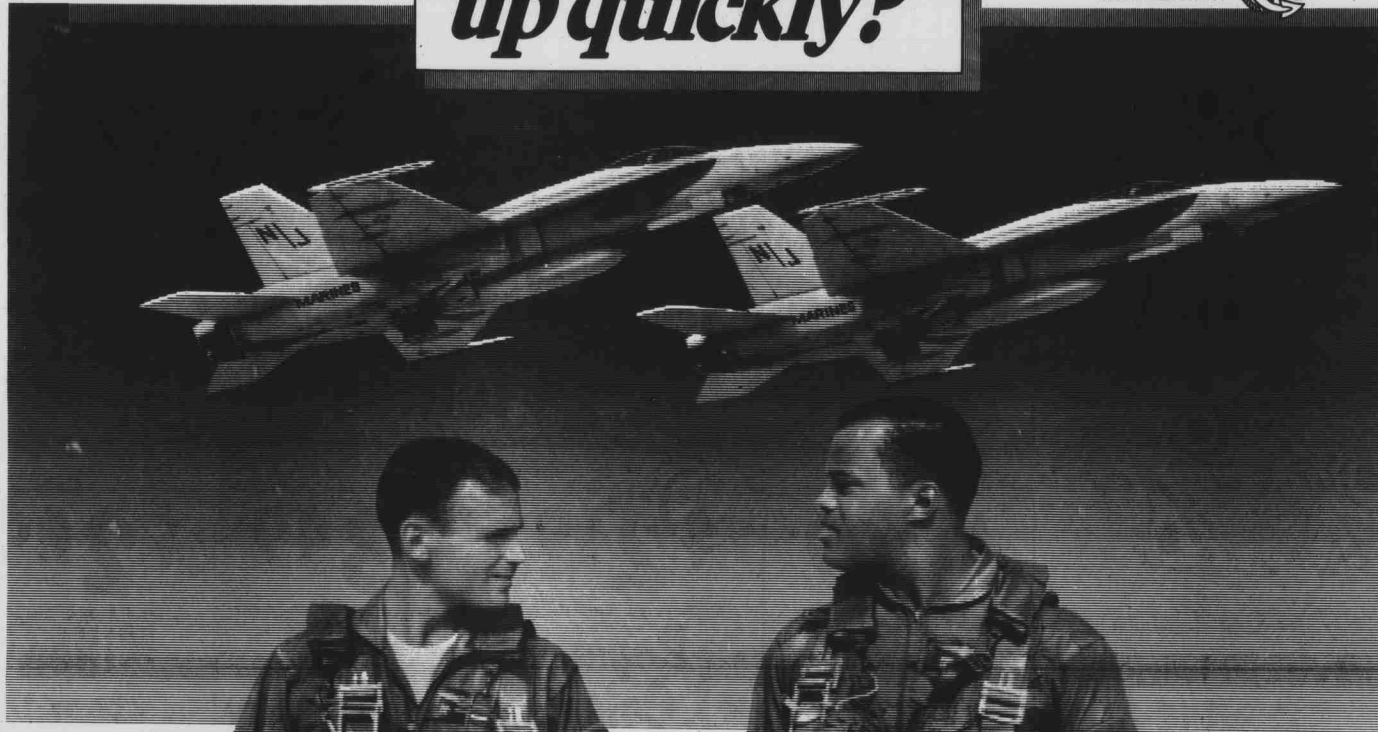
- You can take free civilian flying lessons
- You're commissioned upon graduation

If you're looking to move up quickly, look into the Marine Corps undergraduate officer commissioning program. You could start off making more than \$17,000 a year

Want to move up quickly?

Maybe you can be one of us.

*The Few
The Proud.
The Marines.*



Marines

See your Officer Selection Officer, Captain John Robinson at the Student Center on October 11-14, 1983 or call 919-755-4174 local.