t's football season agin. Check out the fail sports preview.

WELCOME FRESHMEN, see page 17. OUTLAND is here, see the all new Time-Out section on

Volume 84, Issue 1

Clemson University, Clemson, South Carolina

The Tiger

Friday, August 31, 1990

New law cracks down on underage drinkers

by Bill Swain news editor

The state of South Carolina has passed a new law to help curb the underage drinking problem, according to Johnson Link, Clemson City Police Chief. The official term for the charge is "minor in possession of beer/liquor," he said.

Last week the University Police Department circulated flyers across campus informing students of the penalties associated with the new law. However, the flyers are not complete.

The flyers state that a person caught with false identification will lose his/her driver's license for 90 days for a first offense. Second offenders face losing their license for 180 days. The new law also carries a fine of up to \$137.

The law does not stop with just fake ID's. "It is my understanding that a minor in possesion charge carries a 90 day suspension of your driver's license," Link said. "If you're 21 and I'm 19 and you buy beer and give it to me you're going to lose your license for 90 days," he said.

Those that are of legal drinking age (21) can be held accountable for purchasing beer or liquor for a minor and face the same



penalties as would a minor.

The new law also mandates a court appearance to physically surrender the license where as, under the old law, bond could be posted without going to court, Link said.

Out-of-state drivers are not exempt from the law. Although the state of South Carolina cannot revoke a drivers' license from an outof-state driver, the state can suspend in-state driving privileges.

In addition, a charge of driving under suspension can be levied against an in-state or out-of-state driver if caught.

Area police issue over 100 tickets over weekend

NON-PROFIT U.S. POSTAGE PAIE CLEMSON, SC PERMIT NO. 10

by Mike Schaper senior writer

Area authorities took a major step last weekend in a effort to prevent driving offenses by setting up a roadblock on Highway 76 to check licenses.

The roadblock was a joint effort by the city of Clemson Police Department, the Pickens County Sheriff's Department, the South Carolina Highway Patrol and the South Carolina Alcoholic Beverage Control (ABC).

The roadblock, was in effect from approximately 7 pm until 2 am on Friday and Saturday night.

Over 100 tickets and arrests were made over the weekend said Tim Morgan, Assistant County Sheriff of Pickens County.

There were a variety of violations including driving under the influence (DUI), open containers, possession of stolen automobiles, possession of controlled substances and minors in possession of alcoholic beverages. Morgan said that a few people who saw the road block, attempted to turn their automobiles around in a effort to avoid the blockade, but the authorities were quick to pursue them. One individual, however, who was in possession of a stolen car, did manage to evade the police.

Although there were many arrests made over the weekend, not many University students were arrested according to Johnson Link, Clemson City Police Chief.

Link said that there were about 15 or 16 University students in jail on Friday night and about five or six Saturday night.

Morgan said that the setting up of roadblocks is not an unusual practice by law enforcement agencies in this area and the Pickens County Sheriff's Department will cooperate with the South Carolina ABC in order to set up future roadblocks in order to check for people driving under the influence of alcohol and controlled substances.

Emergency lighting system installed in Johnstone Hall suggests replacement after eight

assistant news editor

In response to the state fire marshal's request, a new emergency lighting system has been installed in Johnstone Hall.

"Johnstone has fluorescent lights so we were able to retrofit emergency back-up ballasts. When lights go out, the back-up battery illuminates the light fixture for about an hour and a half," said Gary Gaulin, associate director of residential facilities. He added that "...once the electricity goes off, the batteries take over and supply a sufficient amount of electricity for the light to operate at an 80 suggests replacement after eight years. Therefore the Housing Office plans to replace the ballasts every five to eight years, according to Gaulin.

The Housing Department's Maintanence Operation installed the new emergency lighting system and will be installing lights in the fraternity quad next, according to Gaulin.

Each building has its own set of requirements. An inspection of the buildings with the campus fire marshall is being conducted to determine what is best suited for each building, said Gaulin.

In the shoeboxes, flourscent lights are not present so an alternate method for emergency lighting will have to be provided, said Gaulin.



percent level." Also the system will be capable of recharging itself.

"The objective is to get the people out in case of an emergency as quickly and orderly as possible," said Fire Marshall Donnie Brewer.

The emergency backup ballasts are warranted for five years and the company manufacturing them Along with the new emergency lights, new fire extinguishers, fire extinguisher cabinets and exit signs have been installed, a pack-

see LIGHTS, page nine



Chip East/Senior Staff Photograph Students in Johnstone venture into the halls after a Wednseday night blackout.



Paul Brown/staff photographer

It's hammer time, jack hammer that is.

Construction workers apply the jack hammer to break the concrete. Progress was slow but the intersection at College Ave. and 93 is finally finished.

First Friday festivities set for tonight

by Adrienne Aucoin staff writer

The annual First Friday celebration, sponsored by the Pi Kappa Alpha fraternity and Central Spirit, kicks off this evening at 6:00 with the First Friday Parade.

This celebration, established in 1973 by the Pi Kappa Alpha fraternity as a way to usher in the football season, includes the parade featuring the Tiger band, Tiger cheerleaders, floats constructed by various campus organizations and other marching units, a pep rally

and a concert in the outdoor theater.

The parade will begin at 6:00 in Thornhill Village and continue down Highway 93 and will conclude in the outdoor theater. Approximately 40 organizations will participate in the parade. The sororities and other groups have been building floats, which will be judged during the parade, all week long.

"The theme for this year is California-Clemson style and Governor Carroll Campbell is the Grand Marshall," said Matt Dey, First Friday chairman. The floats will be judged by Larry Abernathy, mayor of Clemson, Flora Riley, associate director of the Career Center, and Steve Poteat, owner of M.H. Frank's.

Organizations participating in the parade have sponsored a candidate for Miss First Friday. Each candidate raises money and the one who raises the most is declared as Miss First Friday.

"Our goal is to raise \$5000 for Helping Hands of Clemson," Dey added.

see FIRST, page 10

Page 4

500 parking spaces added for Problems outlined commuter students

by Adrienne Aucoin staff writer

According to Bill Pace, director of parking and vehicle registration, approximately 500 additional parking spaces have been provided for commuter students.

Through various changes and additions to existing parking lots, "we have about 500 more spaces for commuter students than this time last year," Pace said.

The old commuter lot C1, located near Redfern Health Center, has been converted to an employee lot because of the shortage of employee parking on East Campus, Pace added. However, a new temporary commuter lot, located by the new East Campus housing project, is near completion and will compensate for the loss of the C1 lot.

This new 200 space lot is scheduled for completion around Sept. 22 and should be available for use on Sept. 24. When the housing project is completed, the lot will be redesignated for residents.

Another 115 commuter spaces have been added behind Lehotsky Hall and "this area will be paved if not this fall, then this spring," Pace said. This temporary lot will become a permanent commuter lot once paved and also, it will double

As of August 18, 1990 9400 parking decals were issued. Last year approximately 21,000 were issued. The breakdown of this year's decals are as

4078	Employee
2644	Commuter student
1990	Resident student
480	Apartments
206	Clemson House
63	Married student
91	Motorcycle
121	Other decals

as a parking lot which will benefit the Performing Arts Center once it is built.

In addition, the old resident lot R4 and along A Street extension have been converted to commuter lots, providing approximately 200 more spaces.

For next fall, a new 150 space commuter lot behind Earle Hall will be constucted and will compensate for the loss of the temporary East Campus lot.

The increase in the parking fees are being utilized to expand the campus shuttle system. Three new shuttles have been added bringing the total number of shuttles to 10. In addition, the number of routes have been increased to three. The shuttles run continuously from 7:30 a.m. to 5:30 p.m..

As a possible solution to the parking problem, a joint study between the city and the University will be conducted to decide upon the feasibility of expanding the campus shuttle system into the city.

'Similar transportation systems have been successful in other cities and if this system can be implemented here, it will hopefully reduce the amount of traffic both on campus and in the city," Pace added.



Bye Bye!

The demolition of Substation II was the first phase of the downtown revitalization. The intersection sat untouched for several weeks before construction

Oct.

House member report

by Dean Lollis managing editor

Perceived problems at Clemson University are the subject of a seven-page report submitted to University President Max Lennon by Herbert Kirsh of the South Carolina House Ways and Means Committee.

Kirsh visited the Clemson campus last April and met with students for nearly five hours to get the opinions of the overall stituation at Clemson. Liz Freeze and Connie Hawkins, IPTAY members, arranged for Kirsh to tour the Clemson facilities.

Kirsh was "impressed with the sudents demeanor, attitudes and recitation of the facts as they understood them to be.

The Kirsh report points to eight major areas of concern at Clemson University - classrooms and faculty concerns, academic and dorm building needs, communi-cations breakdown, parking and lighting problems, fire and building code concerns, security problems, President Lennon and staff and food service.

Under the area of faculty and staff concerns, Kirsh suggests that the University has adopted the "publish or perish" ideology where the University is heading for research instead of teaching.

Kirsh also says "Enrollment has been increased but there have been no facilities or housing to accommadate the increase." He suggests that enrollment in the freshman class be reduced by 250.

According to Robin DeLoach of University News Services, en-rollment in the freshman class is expected to decrease by 400 students despite an overall increase in student enrollment for the 1990-91 academic year. Francis Canavan, director of University Relations, said the decrease in the freshman class had been planned prior to receiving the report from Kirsh.

Other problems, according to Kirsh's report include a "suffer-ing" student to faculty ratio, graduate teaching assistants who are not fluent in English, and students being charged \$15 for labs that do not exist.

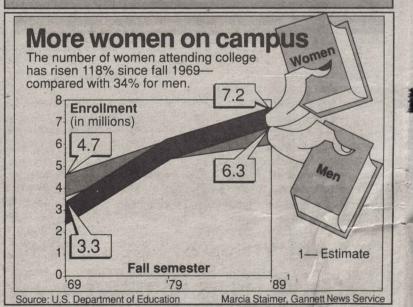
The report also points to a "lack of communication between Lennon, faculty and other groups including students." The report also says "Lennon needs to be more available to the students."

Derrick Pierce, student body president, disagrees with this as-sessment. "I think students need to learn how to access (Lennon),' Pierce said. "He is the type of person that you have to ask to come." Student senate, Pierce says, tried to pass a resolution requiring Lennon to attend a meeting of senate. "The minute we asked him to attend, he was there," he said.

Pierce had mixed feelings about the report. "It has some valid points in it that I think need to be addressed," said Derrick Pierce, student body president .. "I think they went about it the wrong way. It all stemmed from bring back Danny Ford.

"I would hope that if someone ask me if I would be willing to talk to (Kirsh) and if I would be willing to get a group of students together to talk to him in an organized way instead of having Liz Freeze, I would say yes," Pierce said.

"We're still in the process of finalizing the answer to the letter. I would expect in the next week for us to send a letter from the University to Representative Kirsh," Canavan said.



continued.

New 'Tiger 1' ID cards bring change in block seating procedure

by Mike Schaper senior writer

With the introduction of the "Tiger 1" ID's, the procedure to pick up football tickets has changed.

The "activities card" will no longer be punched when a ticket is picked up.

Also, the "block seating" requirements have changed as a result of the new ID's. The new block seating policy reads as follows:

1) Only organizations officially recognized and in good standing with the University will be authorized by student government to participate in the program.

2) NO FRESHMAN will be eligible to sit in the block seating area

3) The minimum number of requested tickets required to be considered a block is 12.

Each organization must also appoint a primary and an alternate

1990 Football Ticket Distribution for Clemson Students

Aug. 27-30 Long Beach State (by class) Away Games Sept. 3 Sept. 17-20 Appalachian State Duke (by class) Sept. 24-27 Georgia (by class) 1-4 USC (by class) Oct. 22-25 UNC (by class) Oct. 29-Nov. 1

(Note the early distribut

ticket representative to handle all ticket transactions such as determining the number of tickets and pick up and distribute the tickets to the proper owners.

Block tickets will be available on Wed. of that week at Littlejohn and the representative must have the proper number of "Tiger 1" ID cards to be processed at the time of receipt.

Each student is allowed to pick up a maximum of six tickets at the distribution site which has been moved from the library to gate 6 of Littlejohn Coliseum.

The price for each date ticket has been raised to \$18.00, up from \$16.00 last year.

Date tickets will be sold, if available, for all home football games except for the Georgia and South Carolina games. The date tickets, if available, will be sold at Littlejohn Coliseum. Each student is allowed to pick up one date ticket.

All away game tickets will be made available starting Sep. 3 and will be on a first-come-first served basis.

Tickets may be purchased between the hours of 7:30 am and 3:30 pm. There will be 11,000 student tickets made available for every home game including the Georgia and South Carolina games.

The tickets are usually made available the week before the game (see chart) with the exception of the South Carolina game and the away games.

The class order method begins with seniors and above having there tickets made available on the Mon. of the week before the game with juniors being made available on tues., sophomores on Wed., and Freshman on Thur.

Students having any cuestions about ticket information can call the Athletic Ticket Office at 656-2118.

National News

TORNADOES HIT ILLINOIS:

Tornadoes roared through northern Illinois Tuesday, killing at least eight people and destroying an apartment complex, school and 75 homes. The tornadoes touched down about 3:30 p.m. CDT and cut a path 300 yards wide through Joliet, Plainfield and Crest Hill, said Mark Finn of the Illinois State Police. Two area hospitals reported 157 people were brought to emergency rooms, with more expected.

DOLPHIN FEEDING BANNED:

Feeding dolphins, seals and whales would be banned under new federal rules proposed Tuesday. The ban, proposed by the National Marine Fisheries Service, would end popular dolphin-feed cruises in states such as Florida, Georgia, South Carolina and Texas. The free meals could make dolphins reluctant to migrate from the feeding region.

IRAQ MAY RELEASE WOMEN:

Iraq's President Saddam Hussein may release foreign women and children from captivity - and wants a TV debate with President Bush and British Prime Minister Margaret Thatcher. In Washington, 47 dependents of U.S. Embassy personnel in Kuwait and Iraq arrived Tuesday night, concluding a threeday journey. As estimated 3,000 U.S. citizens are believed to be in Iraq and Kuwait.

GM'S SATURN GOES INTO ORBIT:

General Motors has set the date for its Saturn small car to go into orbit.

Dealers have been told Saturn

will go on sale Oct. 25 on the West Coast and in Saturn's home state, Tennessee. Saturn goes to dealers in the rest of the USA by Feb. 25, barring production hitches. The launch date for the \$3 billion gamble has been a secret up until now.

MORE STUDENTS SLAIN IN **FLORIDA:**

Fear is sweeping Gainesville, Fla., after the fourth and fifth bodies of slain students were found in a case the University of Florida president calls "some maniac on the loose." More than 600 students demanding information jammed a meeting with police and university officials Tuesday. Many expressed frustration that police would not release more details of the slayings.

S&L FOLKS GAVE HEAVILY **TO BUSH:**

Directors and officers of 20 savings and loans involved in large bailouts contributed \$570,000 to politicians and political committees even as the thrifts were failing, a Gannett News Service study shows. Top recipients: Sen. Lloyd Bentsen, (D-Tex.) Senate Finance Committee chairman, and President Bush. Most donors were Texans.

MORE CENSUS RESULTS OUT:

The Census Bureau Wednesday reports preliminary population counts for the remaining four states: Texas, New York, Illinois and Pennsylvania. The preliminary reports let local officials point out potential miscounts before final figures come out Dec. 31. The counts are important because they are basis of much federal aid.

VETERAN ON TRIAL:

Darrell Brown, 53, of Lamar, Mo., is on trial in Springfield federal court, accused of bilking the government out of \$724,000 in what

Hear Ye!

officials call the largest Veterans Administration fraud ever. Authorities say Brown would wrap his limbs before medical exams, causing swelling. They say he claimed paralysis, but drove, ran a woodcutting business and helped sandbag the Mississippi River.

SPRAYING ALMOST OVER IN MASS .:

The controversial spraying of the pesticide malathion over 700,000 acres of southeastern Massachusetts to kill lethal mosquitoes passed the halfway mark with officials warning people they still must take other precautions against the pesky bug. Spraying was prompted by an outbreak of mosquito-carried encephalitis virus, which kills 30 percent of those who get it.

MOSTLY HOT THROUGH THE USA:

Most of the USA will stay hot through the weekend with only a slight cooling for a couple of days in the Midwest and Northeast. Thunderstorms, some strong, will be scattered from the Midwest into the East. Hurricane Gustav is moving northward in the Atlantic, posing no threat to land any time soon

International News

FREED HOSTAGES ARRIVE IN USA:

Forty-seven dependents of U.S. embassy personnel from Kuwait and Iraq arrived Tuesday in Washington, D.C., concluding a threeday journey. But a consular officer's wife said, "our hearts are Jef 🔬 Kuwait and Baghdad with all

of our husbands." About 3,000 U.S. citizens are still there. Meanwhile, President Bush spelled out U.S. policy in the Persian Gulf for members of Congress Tuesday.

IRAQ MAY FREE MORE HOS-TAGES:

Iraqi President Saddam Hussein may release foreign women and children from captivity. Iraqi TV carried a brief announcement Tuesday quoting Saddam as saying women and children "will be free to choose starting tomorrow whether they want to stay in Iraq or leave."

CUBAN EXILES FORM **PARTY:**

Cuban exiles have formed a party aimed at overthrowing Fidel Castro. In Managua, Nicaragua, exiled Ignacio Castro says the Cuban **Democratic Party**

considers it the only route "an internal armed struggle." Ignacio Castro claims their movement represents a growing resistance inside Cuba.

U.N. AGREES ON CAMBODIA PLAN:

The five permanent members of the U.N. Security Council agreed Tuesday on a plan aimed at ending the 11-year-old conflict in Cambodia. The plan focuses on a U.N.organized election and administration of Cambodia until the elections. The members who back the plan are the USA, Soviet Union, China, France and Britain.

STORMS IN THE ATLANTIC:

Hurricane Gustav, in the Atlantic ocean east of the Leeward Islands, continued northward Tuesday on a course that would avoid the USA. Tropical Storm Hortense, farther out in the Atlantic, showed no signs of strengthening or turning toward land.

DE KLERK INVESTIGATES CHARGES:

President F.W. de Klerk told church leaders he would investigate charges that police sided against supporters of the African National Congress. Evidence reportedly was turned in that implicated police of stirring up factional fighting, which left 500 people dead.

EAST GERMANS STAGE **STRIKES:**

Some municipal services were halted over unification fears. Tuesday, West German Chancellor Helmut Kohl tried to soothe East Germans in Halle. About 45,000 East Germans staged warning strikes to demand better wages and job security in a united Germany.

GORBACHEV GETS NEW SPOKESMAN:

Arkady Maslennikov is no longer chief spokesman for Soviet leader Mikhail Gorbachev. He received bad marks from U.S. reporters after the Bush-Gorbachev summit. Vitaly Ignatenko, editor of the liberal news magazine New Times, now holds the post. Ignatenko is scheduled to hold a news conference Wednesday. Maslennikov moves to being spokesman for Anatoly Lukyanov, chairman of Parliament.

OPEC MAY ENDORSE HIGHER OUTPUT:

Ten of OPEC's 13 members prepared to endorse an immediate increase in oil output due to the Middle East crisis, but Iran refused to back the proposal. Instead, Iran issued a demand that any output increase be linked with Western nations' drawing on petroleum stocks to ease shortages. OPEC planned a meeting of its Market Monitoring Committee Wednesday to approve an increase.

Hear Ye!

Help Fill Student Government Positions:

- Research & Development
- Public Relations & Communications
- Activities & Organizations

· - Can you think of an improvement needed on Campus ?

- All Courts (Supreme, Trial, Legal) Junior Staff
- Minority Council

- Or, Do you have a problem with parking, housing, food service, etc.? - Well, then it's time to

support your cause and vote for qualified student senators.

Elections are Thursday September 6th! Bring your CU I.D. ! Give a \$#@! and make YOUR input now!

UNTOUCHED

ANO YO

YOUR LOFT'S

Opinions

Editorial

Housing coming down on lofts

The Housing Office has stated the new law in lofts. Each student must complete an application form and have approval along with the signatures of the consenting parents and roommates.

Our Position The loft policy is ineffective and unenforceable

The height must be less than 36 inches from the ceiling, must be painted with fire retardent paint and must include in the construction nuts and

bolts, four by four

posts, and two by six sides.

The achievement of the Housing Office with this new policy is a discrimatory and ineffective policy that simply annoys those students who have to cope with the situation.

The construction of lofts started from the first day when students desired more room in their humble dwellings. The students of the University added flair to the new creations incorporating bars or even additional study space into the designs.

Now begin the restrictions. The new loft policy increases the expenses of establishing a "home." If the Housing Office is going to place restrictions on lofts then it should consider providing the materials. Although "the Housing Office does not endorse or encourage the use, purchase, or construction of bed lofts," the University Bookstore is allowed to sell pre-made lofts.

The resident assistants (RA's) are imposed on to become building experts able to determine fire retardent paint from non-fire retardent paint and the construction of the loft.

The issue wouldn't be relevant if the University would provide adequate housing. Yes, there is new construction underway, but until it is complete students should be able to make the most of their "home" by designing and building lofts as their needs deem.

Iraq versus the Nation

With the United States military buildup in Saudi Arabia, the immediate danger of a shooting war with Iraq seems to have passed.

As the effects of the United Nations-sponsored blockade set in, Saddam Hussain will find himself pushed into a corner. Iraq imports 75 percent of its food. As the United States and other participating countries intercept these shipments, as well as the oil to pay for them, the present Iraqi public support for the invasion of Kuwait may ebb.

With it may go Hussain's dream of an empire, one that

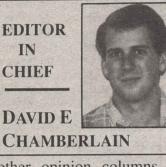
The Tiger, New and improved

A new staff brings new ideas and different styles; as a result, The Tiger undergoes many changes during the summer when the staff first gets to implement those new ideas.

Many students may not recognize a change in the style of the paper and for that reason I have taken this opportunity to introduce the changes and some of the future plans of The Tiger.

A good place to start any project is at the beginning, or in this case page one. After considering changing the size of the paper to a broadsheet format (a size equal to that of The Messenger), The Tiger remained its present size because of its easy readability during a less than spectacular lecture on Friday mornings. Still, a problem remained with the format. The news section complained of not enough space which was a valid consideration. The solution; a smaller masthead (notice the tiger logo has been deleted) with "highlight" boxes surrounding it to point out key stories.

Another change in the news section was the relocation of the controversial news column. Perhaps the most read and definitely the column that received the most "fan" mail, the news column seemed more appropriate with the



I KNOW YWI'RE TAKING THIS HARD, SON.

EFFELTS, YWR GIRLERIEND'S PHOTOS

THESE FREAK FIRES TAKE EVERYONE OFF. GUARO. BUT, HEY ... EVEN THOUGH YOU LOST ALL YOUR CLOTHES, YOUR BOOKS, ALL YOUR PERSONAL

GOLDFISH CHEECH ...

other opinion columns on pages four and five. This suggestion, along with some other suggestions of where to put it, came from our readers and newspaper conventions.

Other additions to the paper include a second editorial on a national event and a syndicated column. The key focus is for you the reader to stay somewhat in touch with the rest of the world, to challenge the mind. We still welcome commentaries written by students and faculty, but supply of such contributory articles were scarce, so the staff acted on its own to fill the space.

A new section, Time-Out, was established when the features and entertainment sections were combined. This section will continue to cover both features and entertainment; however, the division of subject material varies from week to week.

A weekly national cartoon is an immediate new Editor's Warning: The staff

cartoon will hopefully inspire local cartoonists to submit personal work to The Tiger and develop into a full comics page. Another feature to this section is the "feature films." The Tiger does not charge advertising for this feature, but offers it as a service to those students looking for alternative entertainment and for those that are not of legal drinking age.

Sports has remained basically the same. "Tiger Picks" adds to the antics of the office and provides more excitement for the reader to watch the best picks in football. The Football Preview can now be viewed by everyone as it is distributed as a separate section of the paper.

So what else is in store for The Tiger? Well with a new printing company this year, the Anderson-Independent, and a favorable budget, The Tiger staff hopes to reach new horizons. The photography staff will publish its first color pictures in the coming year (on a regular basis); the advertising and business staff hope to keep The Tiger in the black for once and the editorin-chief promises to write better columns!

he is not likely to give up easily, especially with the military muscle he has amassed. Iraq now fields an army of over a million men, with more than 5,000 tanks, including some of the most modern Soviet designs. Iraq has modified Soviet missiles to deliver chemical warheads to cities 550 miles away, and is currently developing a missile with a estimated 1,200 mile range - one that could reach into Western Europe, the Soviet Union, and much of Africa, devastating cities and killing millions.

Hussain seems to be following Hitler's plan for conquest-grab first, negotiate after, and threaten if necessary. However, Hussain has his own aces, with terrorism and "the poor man's atomic bomb" - chemical weaponry. As bad as things seem now, if the world concedes to Hussain, he will be back, more determined and more confident, and with more menacing weapons, possibly atomic.

The U.S. needs to pressure the rest of the U.N. to join the sanctions against Iraq, so that Hussain cannot present the image of Iraq versus the U.S. In order to stop Iraq, the entire world must join forces. If Iraq is allowed to continue unchecked, for any reason, one day we will be back at this same era! New Envised Stress and dilemma. notinidas

evia

catches the reader. Although added with some hesitation from the section editor, the

edition to the paper that does not promote reading The Tiger in class because it can impair one's ability to perform academically.

David E. Chamberlain editor-in-chief

Managing Editor-Dean Lollis Asst. Managing Editor-Kelly Walker News Editor-Bill Swain Asst. News Editor-Susan Biggers Entertainment editor-Terry Manning Sports Editor-David Thomas Asst. Sports Editor-Eric Lyons

Editorial Editor- open Advertising Manager-Lesli Bazen Asst. Advertising Manager- Tom Gressette Office Manager-Susan Eargle Computer Manager-Addison Laurent

Copy Editor-Beth Arthurs

The Tiger

Andy Marino business manager

Head Photographer-Kevin Taylor Senior Staff Photographer-Chip East Art Director- open Circulation Manager- open Faculty Adviser-Louis Henry Joint Media Adviser-Kirk Brague Printer-Independent Printing Company

Junior staff: Adrienne Aucoin, Robin Bedanbaugh, Linda Binkley, Cameron Boland, Jean Burke, Sean Cartier, Craig Cling, Michael Dennis, Tia Egidi, Hunter oyd, Amy C. George Cy League, Lara Levi, Steve McCord, Bert Purvis, Mike Schaper, and Lee Smith.

Assistant Copy Editor-Kristi Komahrens

Opinions expressed on the editorial pages are those of the individual writers, with the exception of the lead editorials, which is the opinion of the majority of the edit board The Tiger is a member of the Associated Collegiate Press, the South Carolina Press Association and is a four star All America award winner. The mailing adress is Box 2097, Clemson, S.C. 29632-2097, The offices of *The Tiger* are located in suite 906 of the Edgar A. Brown University Union. Telephone numbers are: main office, (803) 656-2150; news and editorial office, (803) 656-4006; advertising and business office, (803) 656-2167. ption rates are \$15 per year and \$8 per semester. Local and national advertising rates are available upon request. and state government. The n be laken off dis sizes Standa The Tiger Standa O Muth Co get anto fuel-efficiency standa practice, claims Hickory

August 31, 1990

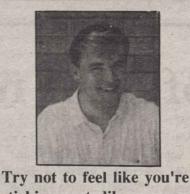
The Tiger

Page 5

Speaking Out

photos by James Murdaugh/staff photographer

Question: What advice would you give to the incoming freshmen?



sticking out like a sore thumb. Don't be embarrassed to ask questions. Chip Dukes junior



Buy an umbrella.

Brandon Mann

sophomore

Don't answer photographer's questions. Don't wear aerobic suits to Harcobe. Eve Bicsanszki senior



Stay on top of your subjects. Don't waste time. Don't lose focus as to why you are here.

> Tim Fuhrer transfer

Dear administrators, faculty, staff and, most of all, students;

So, you want to buy a yearbook? That may be more difficult than it's worth judging from the last two years of production.

Putting the past behind, Taps says they are going to deliver two yearbooks, finally.

This summer I was given the opportunity to help complete the 1989 and start the 1990 editions of Taps. They offered to pay a decent wage, flexible hours and a pretty easy job, so I took it.

Last year I reported the status of the two yearbooks a few times. I was ignorant enough to believe the deadlines they were giving me for final delivery of the books.

Over the summer, however, I realized the true problem; a classic case of mismanagement. The problem wasn't the small staff, it



wasn't the lack of time (two years), it was the way the organization was being run and who was running the show.

We started working on the 1990 edition about the middle of June and an August 12 deadline was set for a completed yearbook. Seven weeks to start and finish a 400 page yearbook. Needless to say, we didn't make it. The 1990 edition is still not complete.

Taylor Publishing, the printer of the 1989 and the 1990 books said they would announce a delivery date when all the pages were turned in. Kirk Brague, director of Student Development Programs, said no date has been given. Brague said the status of the 1990 book "is still in production and we've pretty clearly identified the sections that are remaining and I've got two people that are still being paid to assist with that book and we're hoping to have it (the 1990 book) ready by the first part of December.

The biggest problem I have with the way the Taps **tried** to finish the books was the fact that the regular Taps staff was paid to finish a job they signed up to do for almost free (members of the media organizations receive only a nominal honoraria).

The Taps staff members were paid very good wages. Myself, on the other hand, was paid considerably less. When all the salaries of the five member staff are added up the total comes to almost \$20,000. The way this number is calculated is 40 hours/ week * 14 weeks * wage rate (you'll have to figure out what the hourly rate was).

Taps does, however, have an enormous amount of of money in their account but it was not meant to go to the staff as far as I know. The reason for the surplus cash is they haven't had to pay two years worth of printing costs (approximately \$220,000).

The way these high wages were paid is a story in itself. The University has rules against paying students such high wages so in order to get around these rules a lower wage rate was stated on the paycheck and the number of hours was increased. What this means is if we worked 40 hours one week than we would report on our time sheets that we worked more hours at a lower wage to make up the difference. Sounds illegal to me, how about you?

According to Brenda Shaver, Work Study Coordinator in Financial Aid office, said the highest paid student employee, not just students in the work study program, is \$6.25/hour. This is the highest rate of the pay for a "student assistant 5."

Let's not let this fiasco happen again. The current Taps staff is about to begin production of the 1991 book. Demand they stick to their deadlines; demand they tell you the status of the book; and most of all, demand that you get a book before you graduate.

Thank you.

State Experiments Show Way To Break U.S. Oil Dependency

By Neal Pierce

Call it, if you will, our wakeup call from the Hiddle East. Or another warning shot across the bow of an energy-profligate nation. Saddam Hussein's aggression is likely to alter geopolitics for years (R-R.I.) and author of the Center's new report, 'Energywise Options for State and Local Governments.'' The state-energy options Totten cites seemed like oddities in the '80s, as oil prices plummeted and the Reagan administration butchthe utilities to spend serious money on this," says the Conservation Law Foundation's Armond Cohen. ''It's a massive experiment in diverting capital from ratholes like nuclear reactors into something constructive. Hassachusetts, Connecticut, Vermont and Rhode Island are out in front. Even New Hampshire is falling in line." Conventional, polluting oil- and coal-burning plants have huge hidden costs, notes Totten. The Wisconsin Public Service Commission allows higher rates for utilities that provide new energy without such costly effects as respiratory illness, corrosion, emission of greenhouse gases or crop damage. Massachusetts, New York, Oregon and Virginia have similar policies. But conservation can't do it all and California is in a lonely lead in tapping such alternativeenergy sources as high-tech windmills, solar and geothermal energy. California's also spending \$4 million a year on its two-year-old Institute for Energy Efficiency at the UC/Berkeley. In the South, there's North Carolina's Alternative Energy Corporation, funded at over \$7 million yearly, mostly from utilities and state government. The national auto fuel-efficiency standards begun in the 1970's have saved American consumers \$260 billion for an investment of under \$80 billion. Huge future savings with currently available technology are possible if Congress has the courage to up requirements from today's avering in that direction. The energyand pollution-toll of auto commuting can be curbed by localitles pushing aggressively for ridesharing, HOV (high-occupancy vehicle) lanes, and obliging employers to cut back on free employee parking.

to come. We'll have to swallow oil prices of \$25-S30 barrel or more, or shortages, or both. How will we cope? Hore easily than you'd think, says the Washington-based Center for Policy Alternatives. Check out the most advanced energy-conservation experiments already being tried in selected ~tates, argues the Center, and you'll find the blueprint for radically reduced oil use, freedom from oil-import dependence and a more competitive U.S. economy. There's a great leap, of course, from isolated state experiments to nationwide practice-. And getting the ''feds'' to cooperate may be tough when our President is an ex-Texas oilman prone to thinking production, not conservation. But the potential i8 there to halve the country's S400 billion yearly energy bill by investing in efficient conservation technologies ready to be taken off the shelf and put into practice, claims Hichael Totten, an aide to Rep. Claudine Schneider

ered alternative-energy research budgets. But add them together now, and you have to be impressed.

guest columnist

Back in the '70's, California virtually invented the idea that public utilities should weigh investing in conservation measures against building new power plants. As a result, California has avoided building 12 new power plants. Now the Conservation Law Foundation of New England has persuaded a majority of that region's utilities to sign "collaborative agreements." Utilities subsidize energy-efficient construction and retrofitting for residences and businesses alike-\$200 million this year, up from \$40 million in 1987. Consumers eventually pay-the costs are built into the state-approved rate bases. But kilowatt for kilowatt, costs are sharply less than new power plants. "It took a lot of two by fours to get age of 27 to about 45 miles per gallon by 1990.

Auto-efficiency standards look like an all-federal issue. But smog-plagued states such as California want to offer carrots-registration rebates to owners of cleaner, more fuel-efficient cars. Robin Hood-like, they'd fund the rebates with surcharges for gas-guzzler registrations. State and local governments, says Totten, can also register massive energy savings by tightening building codes to require more energy-efficient construction, or instituting area-wide "district heating" that facilitates use of cogeneration and other "clean" energy sources. Common-sense landuse regulations to discourage long commutes and make mass transit more feasible are badly needed, especially to counteract the wild "sprawl" development patterns of the go-go 19808. Florida, New Jersey, Oregon, Georgia and several New England states are start"Telecommuting"-encouraging employees to work one or more days at home each week-has immense potential. Gridlock-imperiled California leads again, with a highly successful telecommuting pilot in Sacramento. The Southern California Association of Governments forecasts 60 percent of workers will participate in some form of ridesharing by 2005. Add together more fuel-efficient cars, expanded mass transit, more alternative fuels and efficiency improvements in industry and homes, and the nation could save 8.76 million barrels of oil a day. That's more than we now import, calculates the Safe Energy Communication Council. Maybe the federal government, in time, will catch on. Energy self-sufficiency may not divert us from the peril of sending soldiers halfway around the globe, possibly to die in the desert. But at least it would give us options we don't have today.

Washington Post Writers Group

The Tiger

Business

Briefly Business.

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CLOTHIER USES IRAQ CRISIS IN AD:

Most every advertiser is staying far away from potentially explosive references to Iraq. But Sacks SFO, a chain of Southern California clothing stores, is undaunted. The company's ad reads: "Nothing to wear with that new, upscale gas mask to the upcoming Holy War? ... reclaim your closet with Arackofclothia!" Bill Weiner of WeinerAD, who combines politics with copy did the ad.

"60 MINUTES, NO. 1 SHOW, AGAIN:

"60 Minutes" was No. 1 for the second straight week, running strong on Middle East coverage, including Dan Rather's interview with Egyptian President Hosni Mubarak. Despite that, CBS finished in third place for the week.

NBC WINS THE WEEK:

NBC won the week by a landslide, dominating the top 10 with eight shows, including two fall previews: "Ferris Bueller" at No. 6 and "Parenthood" at No. 7. NBC's other previews did respectably: "Hull High" tied at No. 29, "Lifestories" was No. 31, "Working It Out" was 32. A "Cheers" rerun, at No. 2, was NBC's top-ranked show.

SHOE COMPANY STOCKS SUFFER:

Investors are worried the glory days are over for sneaker makers L.A. Gear, Nike and Reebok. Athletic-shoe companies have been hit hard in Wall Street's monthlong plunge. L.A. Gear stock is 70 percent off its 52-week high; Nike, 29 percent; and Reebok, 31 percent. (The Standard & Poor's 500 stock index is down13 percent since peaking July 16.) Analysts say the sell-off was overdone.

SURVEY SHOWS GROWTH IN PCS, LANS:

A survey of IBM Business Partners reveals fast growth in

from University News Services versity funds has ma for Clemson to attrac

In College of Commerce and Industry

Following a year-long, nationwide search, Wayne Marr has been chosen as Clemson University's First Union Professor of Banking.

A reception to welcome Marr and to introduce him to faculty, administrators and special guests will be held on campus Thursday at 10 a.m. in the Wallace J. Trevillian administrative suite 165 in Sirrine Hall.

First Union National Bank of South Carolina has committed \$100,000 to help fund the first named professorship in Clemson's finance department, a division of the College of Commerce and Industry.

This money combined with uni-

versity funds has made it possible for Clemson to attract a nationally recognized teacher-researcher to bolster an already growing department of finance.

Wayne Marr is exactly what we were looking for," said finance department head Rod Mabry. "He's a rising star in the field, and with his experience and leadership abilities he'll fit in well on the research side as well as the teaching side."

Marr comes to Clemson from the A.B. Freeman School of Business at Tulane University where he served as an associate professor of finance since 1986. Marr also served as senior economist with the Securities and Exchange Commission in Washington, D.C., in the summer of 1983 and from June 1984-Au-

gust 1985.

First Union Professor named

Sidney B. Tate, president and chief executive officer of First Union of South Carolina said the partnership with Clemson would serve both students and industry.

"This partnership with Clemson University means a great deal to us," said Tate. "It's a creative approach to meeting a mutual need the need to enhance banking education and scholarship."

"There's no end in sight to the dividends," added Clemson University President Max Lennon. "Clemson graduates will be better prepared for careers in the banking industry. That will benefit the students and the industry."

During the 1989-90 school year,



Wayne Marr

the finance department had the largest enrollment among the university's 67 undergraduate degree programs with 860 students.

Clemson to head Soviet MBA program

Soviet Education Minister FeliksI. Peregudov signed an agreement with Clemson University Sunday opening the door to a new Master's of Business Administration degree to be offered in the Soviet Union.

"I think the place of this agreement in our perestroika will be very important," said Peregudov. "The Soviet Union badly needs professionals in management, engineering and marketing.

"Our best professors in business education will be willing to work in this university. We also want the best from America and around the world."

The agreement calls for the Consortium of Universities for International Business Studies, headed by Clemson, to provide faculty and funding for a Master's of Business Administration degree to be taught in either Moscow or Leningrad.

No state funds will be used for the program, said Ryan Amacher, dean of the College of Commerce and Industry at Clemson. The Consortium of Universities for International Business Studies is divided into a universities division, which will provide the education services, and a international business group, called Investment Services, which will provide funding from revenues derived from specified exports and imports, agribusiness and other economic development protects within the Soviet Union.

Consortium executive director Al

Ringleb, a professor of economics at Clemson, added that the funds would also come from both traditional methods, such as tuition, and from profits from business ventures within the Soviet Union.

"One thing we agree on is to make sure we educate American businessmen on how to do business in the Soviet Union, and Soviet businessmen on how to do business in the United States," said Ringleb.

Clemson University will serve as headquarters for the consortium of universities which currently includes the University of Arkansas, the University of Georgia, Florida State University and Mississippi State University as active participants and which is expected to include 20 other universities in the program.

Under the agreement, Soviet students would spend part of their class time in the United States and U.S. students would do likewise in the Soviet Union. Ringleb said classes would most likely begin by 1992.

The timing of the agreement, which has been in the works for four years, could not have been better, said Amacher.

"With the rapid changes both in the Soviet Union and Europe, they feel they need M.B.A.'s who understand U.S.-style management," said Amacher. "We're excited to be the initial degree-granting institution. In 10 years we'd like to have 500 Clemson M.B.A.'s in the Soviet Union."

War preparation brings business opportunities

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The blazing Saudi desert and U.S. soldiers are half a world away. But in a red brick factory in Providence, R.I., 500 employees of Mine Safety Appliances Co. are working roundthe-clock to aid them, assembling 120,000 gas masks for delivery in Desert duty brings special needs for the well-equipped soldier. One order: 2,263 tubes of Chapstick from A.H. Robins Inc. It also bought 79,812 bottles 5,550 containers of foot powder. Long-distance phone calls have also boomed. AT&T is increasing circuits to Saudi Arabia by 30 percent. On Aug. 2, the day Iraq invaded, there were 650,000 attempted calls to Kuwait, 10 times the usual rate. Calls to Saudi Arabia peaked at 80,000 the sixth day after the invasion.

Page 6

sales of Unix systems, as well as widespread acceptance of PCbased LANs. Two-thirds of those responding plan to be involved in PC or LAN sales this year, and 53 percent said they intend to sell the RS/6000, IBM's new high-end Unix workstation. Respondents were independent firms which develop software for IBM computer.

IBM INTRODUCES EN-HANCED WINDOWS:

IBM is unveiling an enhanced software product that gives users concurrent access to applications residing on large computers and personal computers running in a graphical operating system. IBM Windows Connection Version 2.0 integrates host sessions and workstations applications running in the Microsoft Corp.'s Windows 3 environment. December, months ahead of schedule.

As the U.S. military buildup continues in the Middle East, a different kind of army is mobilizing in businesses at home. Hundreds of firms are helping the military effort — not just defense contractors, but civilian firms from airlines to supermarkets.

Even Moyco Industries Inc. in Clearfield, Pa., is rolling without lunch breaks to produce 500,000 cans of its foot powder, Itch-a-Way, for the military. "They'd like it yesterday," says sales manager Frank Palm.

A few specialty contractors have gotten the biggest surge so far.

— In Newport, Tenn., Camel Manufacturing is speeding production of 81,000 triple-layer suits, at \$61 apiece, to protect troops from chemical weapons.

- In St. Louis, Mo., 220 employees of Survival Technology are

of sunscreen.

producing 85,000 anti-nerve gas kits. A soldier presses a \$10 penlike device against his leg to inject a chemical antidote into his bloodstream. The U.S. government wants \$1.4 million worth of kits. Survival's 1989 nerve gas antidote sales were \$8 million.

— Sixteen commercial airlines, including United, Delta, Pan Am and Continental (the military won't name all 16) are providing 38 jets to fly troops and equipment to the Middle East. In all, 29 carriers belong to the Civil Reserve Air Fleet. United Parcel Service has provided two planes for operation "Desert Shield." Transport companies, trucks and rail lines won't talk about their involvement, but they're ferrying tons of equipment to the nation's ports, to be shipped overseas. The military has its own Defense Freight Rail Interchange fleet of cars. CSX and Conrail have joined the military effort.

The Pentagon has spent \$22 million for 6,000 tons of food for Desert Shield, including 450,000 pounds of canned ham from John Morrell & Co. in Cincinnati and FDL Foods Inc. of Dubuque, Iowa. It also bought eight tons of fresh fruit and vegetables from several states.

Desert duty brings special needs for the well-equipped soldier. One order: 2,263 tubes of Chapstick from A.H. Robins Inc. It also bought 79,812 bottles of sunscreen. A Kentucky Company, HT Marketing Inc. donated 60,000 bottles of Hawaiian Tropic sunblock.

The Pentagon also shops at K-Mart: The Hinesville, Ga., store delivered \$80,000 of goods, including 2,400 cans of bug spray and Federal Express reports a 25 percent increase in parcels and letters shipped daily from the Middle East to the United States.

Some of the companies most affected by the Persian Gulf conflict are the 60 firms that have \$10 billion worth of contracts as part of the Contract Services Association of America. Among them, 12 firms are directly involved in providing services in the Middle East, says Gary Engebretson, association president.

He says the Pentagon will not allow him to reveal which companies are providing services. "These companies will have civilians doing repair right behind the front lines. Our member companies repair everything from M1 tanks to aircraft engines, radar units, high tech equipment."

(Denise Kalette and Rhonda Richards write for USA TODAY)

Write business for The Tiger. Call 656-2150 for details.

August 31, 1990

New director of housing named Loft policy complete

by Bill Swain news editor

The University announced a new Director of Housing Aug. 3.

Verna Howell, a 10 year veteran of the housing office has assumed the role left blank when Dr. Peter Perhac resigned last spring.

Howell came to Clemson in 1980 as an area coordinator for East Campus. Since then she has served as an assistant director, associate director and Director of Residential Life.

In an interview Mon. she said she thought she was better equipped to handle the job than someone from outside the University. "My being director certainly leaves me with a lot of knowledge gaps," she said. She believes the fact that most of the staff is intact will aid in the adjustment period. "I know I can always call on them," she said.

In preparation for the position, Howell spent four weeks in oneon-one meetings with her staff to be brought up to date on on going projects around campus.

The two significant projects requiring attention now are the new East Campus housing and the reconstruction of Johnstone Hall. Howell said the East Campus project is scheduled for completion no later than Jan. of 1992.

Upon completion of that project, phase one of the Johnstone reconstruction will begin. This



Verna Howell

phase will include B and C sections only. Each phase of the project is expected to take approximately 24 months, Howell said.

"I don't see anything much happening in terms of new beds or complete renovations of old beds," Howell said when asked of future plans.

Smaller projects, such as the renovations of the bathrooms of Bowen Hall, are continuing.

The problem of finding oncampus housing seemed to be minimal this year. This year "we came closer to meeting the demand than we have in my 10 years with housing," Howell said. "All continuing students who lived on-campus had first priority and so anyone who signed up and did what they had to do last spring got housing," she said.

All incoming freshman were offered housing. "That's something we have not been able to do for several years." She added that some freshman were put on the waiting list but were offered a room over the summer.

Some transfer students were also given housing. "We even had some walk-ins," she said.

Finally, Howell is over eight months pregnant. Jeff Martin, the former interim director will take over during Howell's six to seven week maternity leave.

Look for *The Tiger* Drop-In Coming Soon! Anyone interested in working on the staff in any capacity is invited. Offices in suite 906 of Union

Lone poincy co

by Cameron Boland staff writer

A new set of guidelines regarding loft construction has been adopted and took effect this semester.

Each student wishing to construct a loft must submit an application to the University and may not begin installation until written authorization has been received from the housing office. All lofts must meet certain fire retardency and durability requirements, according to the University Housing Lofts Task Force Recommendation report.

While there have been no formal checks yet, teams of student and full time maintenance personnel will inspect each loft to insure that it meets all items on a checklist written by the housing office. All students whose lofts fail to pass inspection will be given one week to correct all deficiencies.

The search for a formal policy began because of the strong concerns that have been expressed by various campus agencies over the last 1-2 years about loft safety, the report stated.

The staff at the Redfern Health Center was concerned about the rising number of loft and bunk bed (Emergency Medical Service (EMS) records don't differentiate between the two) injuries resulting from falls. In 1987 there were 13 documented injuries, in 1988 there were 22, and by Oct. of 1989 there were 25. EMS personnel stated that the most serious head injuries from loft/bunk bed falls are generally never seen at Redfern and therefore are not included in health center statistics. Head injuries are usually taken directly to Greenville Memorial Hospital.

The small size of standard dorm rooms may actually promote the likeliness of serious injury due to the fact that an individual who is falling is likely to hit a desk or chair before landing on the floor. The Clemson Fire Department raised concerns about smoke inhalation, due to the fact that smoke rises, the flammability of loft structures and the student's proximity to asbestoscontaining materials used in the ceilings.

The housing office also raised concerns about damage to the rooms caused by improper lofting.

Lofts often failed to meet the guidelines that did exist due to the lack of formal inspections.

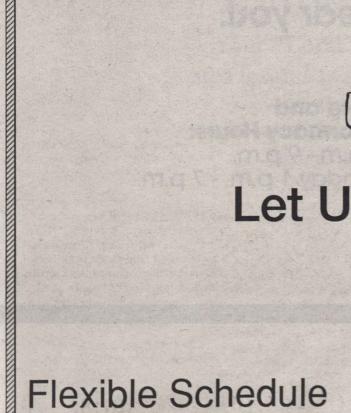
Lofts sometimes obstructed access to windows and the air conditioning units in each room.

Some lofts required support from shelves or the AC units because they were not free standing and subsequently they damaged university property.

This pressure prompted the formation of a task force, headed by Verna Howell, director of housing, to look into the matter. The 12 member committee, which included six students, conducted an extensive study of the problem. The committee contacted many other universities, legal council (to discuss possible liability problems), Redfern and the fire department. After reviewing all the pertinent information, the consensus of the task force members was to continue to allow lofting but that a more restrictive policy needed to be implemented.



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August 31, 1990

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Victoria Square Clemson, South Carolina

The Tiger Ground broke on new East **Campus housing project**

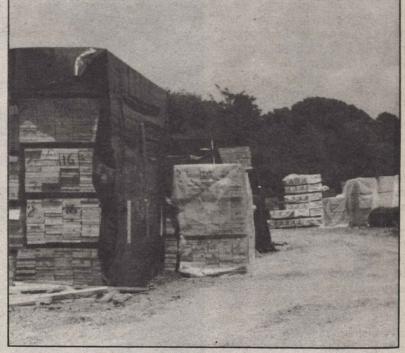
by Cameron Boland staff writer

Ground has been broken for the new East Campus housing facility.

The new complex, which will be located on Perimeter Road, will provide space for 600 students in 150 apartment style units. Each apartment will be similar to Calhoun Courts in layout, but will look totally different from the exterior of the building. Each unit will have two bedrooms, a full bath, and a kitchen equipped with a microwave oven.

The construction contract for the project was awarded to W.H. Weaver Construction, a Greensboro, N.C. firm. The construction budget is set at \$6,316,000.

The completion of the East Campus development in Jan. of 1992 will signal the start of the first phase of the Johnstone renovation plan. Sections B and C of Johnstone, accounting for approximately 600 beds, will be completely renovated and remodeled. Verna Howell, director of housing, stated that "there will be no comparison between the old Johnstone and the new Johnstone."



Bill Swain/news edito

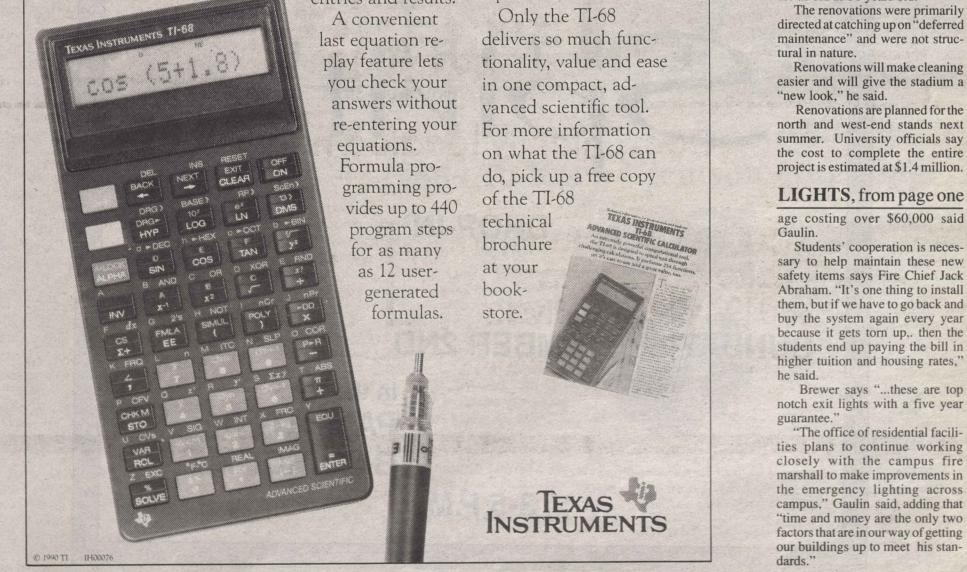
Lumber and building materials have been dropped at the site of the new housing project.

Though no exact figures were given, the cost of living in the new East Campus housing will be comparable to, or slightly more than

that of Calhoun Courts. There will be a "significant" rate hike for the new Johnstone housing upon it's completion.

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entries and results.

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\$501,000 stadium repairs finished

by Susan Biggers assistant news editor

Renovation of the stadium's south lower stands passed its final inspection earlier this week, said Randy O'Kelley project manager.

The "clean and seal project" was completed over the summer by Western Waterproofing Co. Inc. of Charlotte, at a cost of approximately \$501,000.

The project included water blasting, removing and replacing old, cracked concrete and adding a "traffic-topping" to protect against future water damage, O'Kelley said. Some sections of the lower stands

are as old as 50 years old.

The renovations were primarily directed at catching up on "deferred maintenance" and were not struc-

Renovations will make cleaning easier and will give the stadium a "new look," he said.

Renovations are planned for the north and west-end stands next

August 31, 1990

Yandle takes over as director of the Strom Thurmond Institute

from news services

The University has named Bruce Yandle, an Alumni Professor of Economics at Clemson who has top-level administrative experience in federal government and business, as director of the Strom Thurmond Institute of Government and Public Affairs at Clemson University.

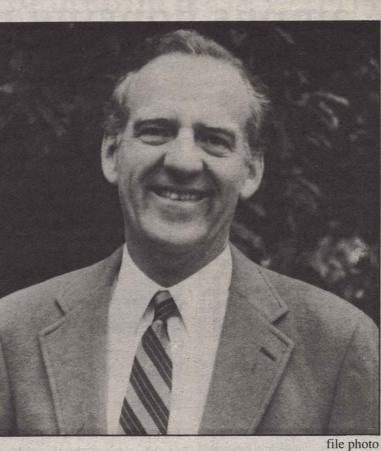
The appointment, went into effect August 15, when the current director, Horace Fleming, left to accept a position in California.

Yandle has been a senior fellow of the Institute since 1984. Since joining the Clemson faculty in 1969, he has served two stints in Washington, D.C., as a senior economist on the President's Council on Wage and Price Stability during the Ford administration and as executive director of the Federal Trade Commission under President Reagan.

In announcing the appointment, Clemson President Max Lennon said Yandle will serve as director of the Institute for the next academic year while the university conducts a national search to fill the position. However, he stressed that Yandle is not an "acting" director.

"Professor Yandle will have full authority and responsibility for the Institute," Lennon said, "and we expect that he will make great strides in advancing the programs and policies of this vital part of the university. Neither Senator Thurmond nor the university administration wants to limit his ability to work effectively."

letan



Bruce Yandle

Lennon noted that under Fleming's direction the Institute has developed major policy studies on water resources management in South Carolina and national energy emergency preparedness. "The Institute's research on energy emergency preparedness in Hurricane Hugo and the ongoing national programs it sponsors in energy emergency planning is bringing national recognition to Clemson," he said.

Yandle said he is excited about

the prospect of being asked to direct what is already an excellent program.

"There are a number of programs and projects under way, begun under HoraceFleming~s leadership, that I look forward to continuing. We will also be looking for new opportunities to expand our range of activities," he said. Yandle's research and teaching interests focus on environmental economics

and regulatory policy. He is the author of nine books. The latest,

"The Political Limits of Environmental Regulation," traces the history of U.S. environmental regulation and examines the reasons for the lack of progress in this crucial area.

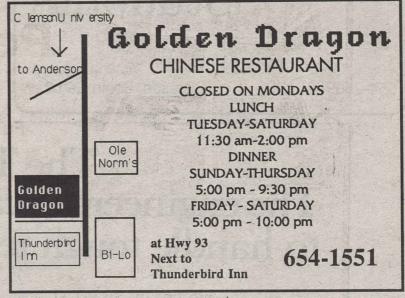
He has served as a consultant to federal agencies and businesses, including the Environmental Protection Agency, the Office of Management and Budget, General Motors, DuPont, and First Federal of South Carolina.

Yandle holds a bachelor's degree from Mercer University in Macon, Ga., and a master's in business administration and a doctorate in economics from Georgia State University. He also spent 15 years in the industrial machinery business prior to beginning his academic career. He is married to Dot Yandle. They are the parents of three married children and have two grandchildren. The pep rally, lead by the Tiger cheerleadrers, will begin in the outdoor theater immediately following the parade. During the pep rally, the judges will announce the winners of the float contest and will name

FIRST, from page one

the 1990 Miss First Friday. The concert will begin the following the pep rally and will feature the bands, The Jody Grind and The Cosmonecks, who will be the opening act. The concert is free to the public.

Elections for Student Government Senators will be next Thrusday. "Tiger 1" ID's are required to vote.





on SUNDAY SEPTEMBER 2ND in the PALMETTO BALLROOM

from news services

Clemson University and the Clemson University Foundation received in fiscal 1989-90 a record \$14.6 million in private gifts for academic programs, beating the previous year's all-time high by \$2 million.

Individuals — 18,244 of them, including alumni, parents of Clemson students, Clemson faculty and staff members and other friends of the University — chipped in \$6.3 million, for an average of \$343 each. The other \$8.3 million came from 870 businesses, foundations and other organizations. The average gift from all sources increased from \$587 in 1988-89 to \$762 in '89-90.

Donors gave \$6.6 million directly to the University and \$8 million to the Clemson University Foundation, which raises, receives and invests private gifts for academic programs. "Being in the middle of a capital campaign is one big reason for our success," said Associate Vice President for Development Jeff McNeill. "We have a lot of momentum going now, and people and organizations are joining in to help keep that going.

"Plus, some of our major donors paid off their campaign pledges during the year, which gave our numbers a boost. In fact, more than half of all the contributions received from individuals came from just 23

ital donors."

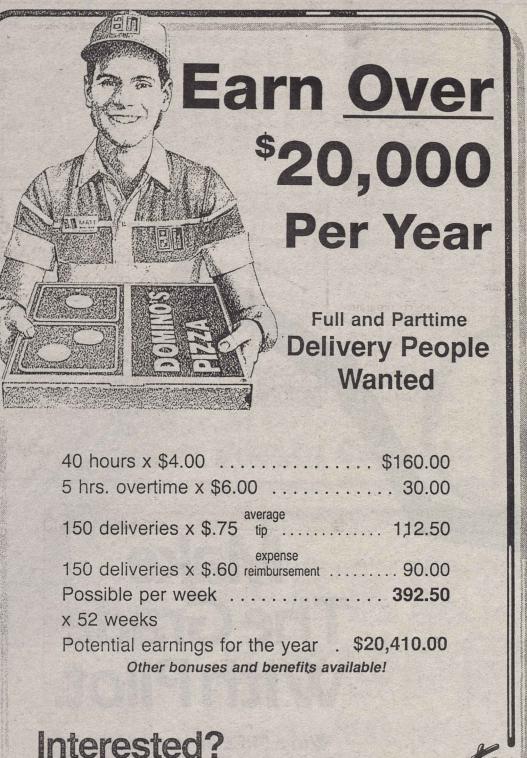
In July 1987, Clemson launched a campaign to raise \$62 million by July 1992. The Campaign for Clemson has generated more than \$50 million in gifts and pledges thus far, McNeill said.

To raise the \$14.6 million in '89-90, Clemson spent \$1.8 million — or about 12.6 cents per dollar received. That's up about a penny from the previous year.

McNeill attributed the increased

cost to the hiring of college-level development officers. He said his office is working with the university's nine colleges to decentralize fund-raising by assigning development staff members to specific colleges.

Of the 12.6 cents spent for each dollar raised in '89-90, about 9.4 cents was public money, used primarily for salaries, and about 3.2 cents came from private sources, used primarily for operating expenses.



Apply at the nearest Domino's Pizza location. 384-2 College Ave. 645-3082

DEADLINE TO APPLY FOR DECEMBER 1990 GRADUATION IS SEPTEMBER 12, 1990

The Tiger still has several senior

available.

Positions include:

Editorial editor, art

director, circulation manager,

advertising staff and production

staff. Call 656-2150 for details.

staff positions

Undergraduates who plan to graduate on December 20, 1990 should:

- 1) Obtain a diploma application from the Student Records Office, 104 Sikes Hall.
- Make payment for any fees in Bursar's Office. (There is no charge for the diploma itself.)
- Return completed application to the Student Records Office, 104 Sikes.
- Note: Providing the information requested on the application, paying any fees, and returning the completed application to the Office of Student Records properly notifies the University that you desire to be a candidate for graduation.

INTERNATIONAL NIGHT

Dinner • Games • Free Flea Markets Inspirational Music and Message

Date: Saturday, September 15
Time: 5:00 p.m. (Games Begin) 6:15 p.m. (Dinner)
Place: University Baptist Church

(On Pendleton Rd. Across from Mac's Drive In)

If you need transportation please call: 654-1722

The knowledge you learn in business classes can be put to good use by *The Tiger*. Join our business management staff and help keep us in the black. Call Andy at 656-2167 for details.

Page 12

University investments pay off

from news services

Investments by the Clemson University Foundation posted a combined 14.43-percent return in fiscal 1989-90, boosting the University's total endowment to \$50.5 million, according to a report presented today (Aug. 25) to the foundation's board of directors.

Clemson's academic endowment ended the year with \$37.8 million in assets held by the university foundation, \$8.4 million held by the South Carolina state treasurer, and \$4.3 million held by the University, said Frank Bishop, a member of the foundation's investment committee.

That's an increase of \$5.5 million over 1988-89.

Except for about \$1.7 million in non-income producing resources, primarily real estate, the foundation's assets are invested by independent money managers supervised by Bishop's committee.

"Overall, we're pleased with the year," Bishop said. "For the third year in a row we ranked in the top 25 percent of funds with the same investment mix as ours. That shows both steady, consistent growth and good stewardship." The Clemson University Foun-

The Clemson University Foundation is an independent, non-profit, tax-exempt, public charity that raises, receives and manages private gifts for Clemson University's benefit.

The foundation keeps about 65 percent of its funds in stocks and the other 35 percent in lower-risk, fixed-income bonds. The stocks earned 21.7 percent during 1989-

90, while the bonds gained 6.6 percent.

Currently 6 percent of the foundation's annual income is used for scholarships, fellowships, professorships and other programs for Clemson students and faculty. The remaining income is added to the foundation's investment pool.

The foundation is in the third year of a \$62-million capital fund drive called The Campaign for Clemson, which thus far has raised more than \$50 million in gifts and pledges. Use your business expertise. Join *The Tiger* adverstising staff and get practical sales experience. Call Lesli at 656-2167.

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Win a FREE all-terrain bike in Pilot's Free Wheelin' Drawing.

Head to your college bookstore now and look for Pilot's Free Wheelin' bike display. That's where you'll find entry forms for a chance to win a hot new Columbia Metro 10-speed all-terrain bike – a \$160 value. All entries for this campus cruiser must be postmarked by October 1, 1990, so hurry!



And while you're there, don't forget to stock up on Pilot's quality writing products like the Better Ball Point Pen, Spotliter,



Pencilier and our long-lasting printer, typewriter and calculator ribbons.

From course grades to steep grades, Pilot makes it easy.



Pilot Corporation of America

The Tiger

Time-Out

First Friday concert to be held in amphitheater

by Terry E. Manning **Time-Out editor**

The jody grind will be the main attraction at the First Friday concert to be held tonight in the amphitheatre.

Their music is described as a mix of jazz, folk, country and blues. The band's members include Kelly Hogan Murray, lead singer; Bill Taft, lead guitarist; Robert Haves, bass; and Walter Brewer, drummer.

Murray's vocals have been described as "Sarah Vaughan, k.d. lang, Ronnie Spector and Marianne Faithful rolled into one." In review after review, she has been singled out as the primary talent in the group's performances. Their latest LP, One Man's Trash Is Another Man's Treasure, includes covers of "Peter Gunn," Gershwin's "It Aint Necessarily So" and Ellington's "Mood Indigo." It is available on Safety Net/DB Records.

The concert, co-sponsored by CDCC and the Clemson University Union, is free and is scheduled to begin at 7:30 with the jody grind's opening act, the Cosmonecks.



The Jody Grind are (from left) Kelly Hogan Murray, Bill Taft, Robert Hayes, Walter Brewer.

a true story': the bio of the by Bill Taft

guitarist, The Jody Grind

By midnight, I'd had my share of Rolling Rocks and was feeling good. Kind of in love with the world. Somehow or other I started talking to this girl about Duke Ellington, Hazel Dickens, field hollers, and how many men Tammy Wynette got to know.

"I sure would like to be in a band that does jazz standards, country tunes, and anything else at least once," I said.

"Me too," she said.

"Can you sing 'Mood Indigo' and 'Long Black Veil'?"

"Yes," she said. And she did. "Hey, bartender," I yelled, "get us two Rolling Rocks." And he did.

"Let's work up a few songs and get a

gig at the White Dot," I said.

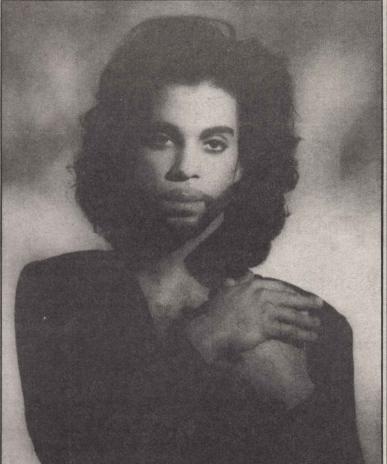
"Okay. I wrote this song about a Greek guy who gets killed by his lover. Can we do that too?"

"Yes," I said. And we did.

After six months of open mic mights, Mudd Shacks, art opening extravaganzas, and a revolving door of accompanying musicians, we settled into a band called 'the jody grind.'

Prince album serves up Plot fueled by natural phobia

'new power generation'



by Lee Smith movie critic

"Arachnophobia" is a cleverly crafted suspense movie that keeps the audience on the edge of its seat.

The credit for producing such a well-made movie as this lies predominantly with the people behind the camera. The screenplay is an excellent mix of tension, jilts, and humorous one-liners that mesh together.

Director Frank Marshall and director of photography James Bissell together skillfully create an atmosphere of suspense, exemplified best in the movie's climactic scene, where the use of dark shadows and an unnerving score by Trevor Jones create a fever pitch of anticipation.

The acting merits rest largely on the shoulders of Jeff Daniels. He is very convincing and likable as the reluctant and fearful hero, Dr. Ross Jennings. Comic relief is amply provided by John Goodman (of TV's Roseanne). As Delbert the town exterminator, his backwoods accent and clever underplaying of the role are hilarious.

Unbeknownst to the residents of the peaceful country town of Carmel, a deadly unknown species of

movie review

spider has been transported into their town in a coffin. The poisonous Venezuelan spider mates with an ordinary house spider and produces an army of vampire spiders. They spread out from a central nest and begin their attack on the town.

The build-up to the attack is what creates the tension in the movie's plot. The audience is aware of the spiders' presence and cringe as unsuspecting victims move closer to their fate.

Jennings, who is afraid of spiders because of a childhood trauma involving them (hence the title, "Arachnophobia," or fear of spiders), is forced to confront his fear as he battles the deadly creatures. Having stumbled across the central nest, Jennings must fight the "general" and queen spider together. Daniels, through the use of his voice and facial expressions, does an excellent job of conveying his character's paralyzing fear.

"Arachnophobia" is a spine-chilling movie where screams and jumps are a special part of the movie's appeal.





by Terry Manning **Time-Out editor**

Prince

album review

Prince. He started it all, you know

The Time. Vanity 6. Sheila E. The Family. Jesse Johnson's Revue. Wendy and Lisa. Brown Mark. Andre Cymone. The production team of Jimmy Jam and Terry Lewis. They all sprouted from the same little seed. The same little genius.

On Prince's latest, the soundtrack to the motion picture "Graffiti Bridge," the key players in the past and present of the Minneapolis music scene return to the fold and

help their creative father offer up one of the most intriguing albums of his career.

Almost every phase of his development as an artist is represented here: the carefree Dirty Mind rock of "Can't Stop This Feeling I Got;" the arty, inaccessible Parade-like "The Question of U;" the James Brown-ish "Release It," as performed by the Time; "We Can Funk," a duet with George Clinton, sounds like it is straight off the unreleased Black Album ; the new-

see PRINCE, page 25

1:30, 7 p.m. Another 48 Hours (R) 4, 9:30 p.m.

Astro III 654-1670 My Blu Heaven (PG-13) 2, 4, 7 & 9 p.m.

Market Place 226-4234 Presumed Innocent (R) 2, 4:30, 7, 9:30 p.m. Ghost (PG-13) 2, 4:30, 7:05, 9:30 p.m. Flatliners (R) 2:15, 4:40, 7:20, 9:40 p.m.

Village Cinemas 226-9181

Exocrist 3 (R) 2:30, 4:50, 7:20, 9:40 p.m. Young Guns II (PG-13) 2:15, 4:45, 7:10, 9:30 p.m. 2, 4:30, 7, & 9:15 p.m.

Excorist 3 (R) 2, 4, 7 & 9 p.m. Flatliners (R) 2.4.7 & 9 p.m.

Mo' Better Blues (R) 2:10, 4:40, 7:10, 9:40 p.m. The Withches (PG) 2, 3:50,5:25, 7:15, 9:15 p.m. Pump Up The Volume (R) 9:40 p.m. Air America (R) 2:10, 4:40, 7:10 p.m.

Darkman (R) 2:30, 4:40, 7:10, 9:30 p.m. Men At Work (PG-13) 4:30, 9:20 p.m. Problem Child (PG) 2:15, 7:00 p.m.

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The Tiger

FOR HAIF Full Service Salon & Tanning 351 College Ave. Downtown Clemson 654-1094

CLEMSON UNIVERSITY PERFORMING ARTS EVENTS **FALL 1990**

Unless noted, all performances begin at 8 p.m. Further information is provided in the descriptions for each series. Admission categories are: A-Adult, Y/D-Youth/Date, P-General Public, F/S-Faculty and Staff, C-Clemson Students. 27

September 18 Montclaire String Quartet **Utsey Series** Daniel Auditorium Free Admission

October

2-6 4 at 3:30 p.m. **Clemson Players** The Miss Firecracker Contest Daniel Auditorium P-\$4, F/S-\$2, C-Free

Chepstow Male Voice Choir and C.U. Choral Ensembles **Tillman Auditorium** Free Admission

The Slovak Chamber Orchestra **Concert Series** Tillman Auditorium A-\$7, Y/D-\$4, C-Free

22 The London Brass **Concert Series Tillman Auditorium** A-\$7, Y/D-\$4, C-Free

30-31 "Phantom of the Opera" Original silent film w/ live music **Tillman Auditorium** \$2 Donation

November

13-17 15 at 3:30 p.m. Clemson Players Watch for title and location P-\$4, F/5-\$2, C-Free

C.U. Tiger Band Special Event Littlejohn Coliseum Free Admission

16

19 C.U. Chamber Orchestra Student Variety Series Tillman Auditorium

La Piemontoise Duo Utsey Series Daniel Auditorium Free Admission

29 C.U. Choral Ensembles Student Variety Series Tillman Auditorium Free Admission

December

C.U. Symphonic Band and Jazz Ensemble Student Variety Series **Tillman Auditorium** Free Admission

"CU After Six" and **Chamber Singers** Christmas Program Special Event **Tillman Auditorium** \$2 Donation

WANTED: Qualified candidates for PRESIDENTIAL INTERNSHIPS

POSITION DESCRIPTION: Work for president or various vice presidents on a variety of projects; gain valuable insights into the operation of the University. Learn first-hand about administrative leadership in higher education.

QUALIFICATIONS: 1) Senior or junior fulltime, 2) 3.0 cum. GPR or greater, 3) demonstrated leadership experience, 4) demonstrated initative and drive.

SALARY: \$600/semester, 15-20 hrs./wk

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PRESBYTERIAN CHURCH

New Fall Sunday Schedule Begins Sunday, Sept. 2, 1990 10:30 am Worship 11:30 am

Lunch and Sermon(Feedback Session) 6:00 pm Supper and Beach Party

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First Friday's Hot!

At the Amphitheater the lody arind

with Special guest: The Cosmonecks Free concert Begins at 7:00 pm

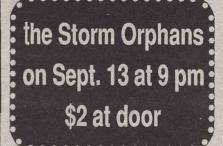
At the Y-theater

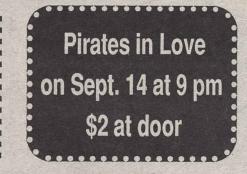


Trilogy

Free movie begins at 7:00 pm and plays Star Wars Return of the Jedi and **Empire Strikes Back**

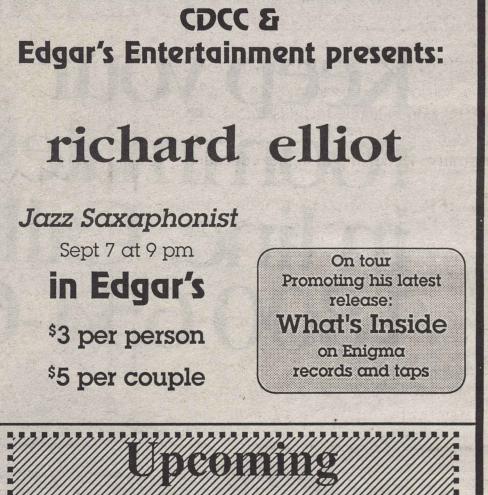
Edgar's Entertainment Presents:





The Special Events Committee invites you to enjoy on a designated wall in the loggia on Sept. 10

also Slip'n Slide on Bowman Field on Sept. 3



Y-Theater Movies

Sat. Sept 1 7, 9:15, midnight \$1.75

> Sun. Sept 2 7 & 9:15 Free w/ID

Thurs.-Sat. Sept. 6-8 7 & 9:15 \$1.75

> Sat. Sept 8 1:00 pm \$1.00

She walked off the street, into his life and stole his heart.

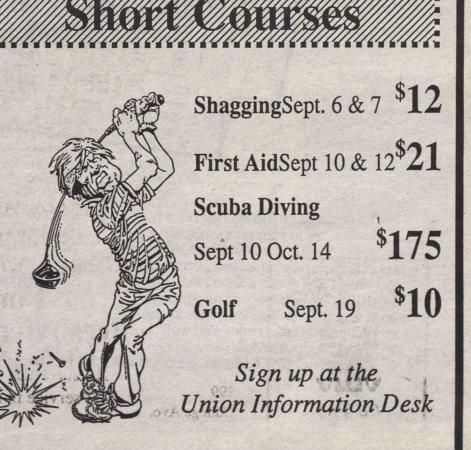


Major League

The Hunt For Red October

The Little Mermaid

lemson Area.



U

A

In memoriam Blues guitarist Stevie Ray Vaughan, 1945-1990 By CLIFF RADEL ©Copyright 1990, USA TODAY/Apple College Information Network

Stevie Ray Vaughan's death Monday came at a time when he was in the best of health and poised for a major career move.

Vaughan, 35, was killed when the helicopter in which he was leaving a Sunday night concert slammed into a ski hill after taking off in heavy fog. He died hours after sharing the stage with fellow blues guitar heroes, Eric Clapton and Robert Cray, at the Alpine Valley Music Theater, an amphitheater outside East Troy, Wis.

The four other people on board, including the pilot and three members of Clapton's entourage, were also killed.

After establishing his name as a fast-fingered, gritty-toned, Texas-style guitar-slinger with his band, Double Trouble, the two-time Grammy winner was set for a new venture, a band with his brother, the Fabulous Thunderbirds' former guitarist, Jimmie Vaughan.

The Vaughan Brothers' debut album, "Family Style," (Epic) is set to be released Sept. 25.

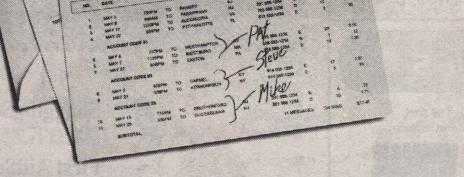
His first album, "Texas Flood," was released in 1983. His rangy style eventually earned him praise from the readers of Guitar Player magazine. According to them he was the Best Electric Blues Guitarist. Hits such as "Cold Shot," "Say What?" and a hot cover of the Jimi Hendrix classic "Voodoo Chile" certified him a success. Fans and critics labeled him as the next Jimi Hendrix.

The Texas-born blues man also picked up Hendrix's bad habits. "I was high all of the time," he said in a 1986 interview. "I was either drinkin' or snortin' something all of the time for the last 10 years."

That ended in September 1986, when Vaughan suffered what he described as "a total physical and mental collapse" while on tour in West Germany. "I went to sleep on our bus and when I woke up, I was crying. I was scared to death." After a hospital stay in London, Vaughan joined Alcoholics Anonymous, an organization he would be associated with for the rest of his life. Liner notes for his subsequent albums would contain A.A. references often decipherable only by other A.A. members. A sober Vaughan was a better guitarist. His blues lines were stronger and his solos were tighter. He lost that "next Hendrix" tag and found his own voice. On his latest album, the Grammy-winning "In Step," he exhibited a wry, directness in his phrasing that spoke to his Texas roots. "I have a new clarity in my head and my heart," Vaughan said. "I'm not drinking ... I'm not doing drugs, either. I'm just living and having a good time."

THE ULTIMATE BUMMER OF LIFE: ANOTHER FRIEND ROM OUR PAST HAS NEW JOB ! HE'S ON LUNCH BREAK FROM HIS NEW JOB. GOOD OL' BINKLEY GEE...NOTHING AND NOBODY EVER STAYS WORKING WITH HERE ? BUILDING LOW-INCOME 16605 OR BINKLEY ? BINKLEY? WORKONT DON'T HAVE A COW, OPUS... POOR; Keep your

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This service may not be available in residence halls on your campus. © 1990 AT&T

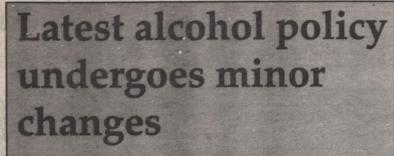
about the *Student Saver Plus* programs that are right for you, call us at **1 800 654-0471 Ext. 1229.** And put your roommates in their place.

AT&T. Helping make college life a little easier.





Page 18



by **Bill Swain** news editor

Following the tragic death of sophomore Shannon Gill last De-cember, University administrators set out to redefine the policy concerning alcohol on campus.

A University committee on alcohol and drug abuse based in the Office of Student Development was formed to handle the task. After several weeks of deliberation a finished product was signed onto effect by Vice President for Student Affairs, Manning Lomax and Almeda Jacks, dean of students.

The new policy defined a party as "a function hosted by an individual(s) is defined as a gathering of more than 10 people in a University residence hall room and more than 25 people in a four person apartment for social purposes, whether alcohol is present or not."

Also, the policy stated that trained "party managers" would need to be present at all functions classified as a party. These managers would be hired by the specific organization for the event at an pre-established rate of pay.

Parties must also be registered in advance with Student Development.

Due to complaints by organizations over the added cost of paying the party managers, the office of student development has changed the social policy to provide funds to pay the party managers, according to Jenine Ward, assistant director of student development programs.

Student Development will also provide up to 100 free wristbands to designate those over 21 at oncampus parties.

Also new this year is an updated list of rooms and places on campus available for rental for parties, Ward said.

Back in Feb. Bonnie Stevens, Chairperson of the Committee on Alcohol and Drug Abuse, said that the policy would not be changed until it had been in effect for one year. Ward said Monday that the policy will be up for review in January of 1991.

Anyone interested in becoming a party manager can go to the Office of Student Development and pick up an application or call 656-0500 for details.



Who is that in that suit anyway?

Kevin Taylor/head photograph

Freshman Jill Patterson and her first encounter with the Tiger. Is she enjoying herself at the freshman picnic?



Citicorp dominates market

Citicorp has little competition as an issuer of bank credit cards.

Issuer	Cards
Citicorp	(In millions)
Chase Manhattan	22
First Chicago	
Bank of America	1 BBC

Kevin Taylor/head photographe

Tickets please.

If you want free food you got to have a ticket.

Source: Credit Card News

MBNA

America Bank

Marcia Staimer, Gannett News Service

Program offers help for victims of campus crime

by Craig C Kling staff writer

For many people, being the victim of a crime may be a very traumatic experience. They may feel helpless, scared or not know who to turn to for help. It is for the benefit of the victims of crime that the Victim's Assistance Program was developed at Clemson.

The program, which was developed with the help of a grant from the governor, is a way in which the victims of any crime in Clemson

can find someone to talk about their problem with.

According to the program coordinator, Hank Flood, "Any crime deserves attention, no crime is so small that it should be ignored....even the smallest of crimes can be very traumatic." He went on to say "I am also here to listen to peoples' problems and also possibly even discover a piece of information was not reported to the police that might help solve a crime.

Flood works in the police station

and is privileged to review all of the incident reports filed by the Clemson University Police. He then contacts each victim and discusses the crime with them. He connects them with counselors if necessary and provides general assistance to them. Finally, he prepares both victims and witnesses to experience the judicial system if they have to.

This includes even going to court with them if necessary.

Assisting victims after a crime has occurred is not the only part of Flood's responsibilities. He also attempts to teach students basic precautions that can help them avoid being the victim of a crime. According to Flood, "It only takes eight seconds to steal an unlocked bicycle, it only takes ten seconds for a thief to enter an unlocked room and steal a wallet. It is extremely important to lock doors and write down serial numbers from all property."

Finally, he also talks to people that weren't even victims of crime. He might just talk to accident victims, or anyone else that needs help. just to see how they are doing.

Flood has worked at the police station since Nov. 1988. Last year he handled roughly 800 cases. He stated that his job is to "...make peoples' life pleasant, but I need help from students. I wish students would report crime and use good common sense."

Flood will be giving a presentation in Gere Lounge at 8:00 p.m. on Sep. 3 entitled Common Sense and Self Defense, How to Take Care of Yourself Away From Home.

Looking for a new apartment? Don't forget to hook up the power, water and phone

by Bill Swain news editor

Because of the shortage of university-owned housing, many students are faced with moving off-campus. After finding a suitable apartment in town, utilities, such as a telephone, water and sewer, and electricity must be turned on.

DUKE POWER 654-4511

To get electricity to your new apartment, an application must be filed with Duke Power Company. The application asks basic questions such as name and address as well as questions about your credit history.

history, many students don't, a cash deposit must be given to Duke Power. The amount of the deposit ranges from \$75 to \$150 that will be returned including interest when electrical service is cancelled. "We will accept a letter of credit from a place where they've made payments for at least 12 months," said Duke Power customer service representative Patsy Barnett.

CITY OF CLEMSON WATER AND SEWER DE-PARTMENT 653-2035

The City Water Department has set up a new system to hook up water service to student's apartments.

To get water service, the If you don't have a credit renter must fill out a Utility

Service Agreement, a simple form that asks the basic questions. This form can be picked up at City Hall which is in the train station at the intersection of College Ave. and Hwy 123.

After this form is completed it needs to be returned to the water department with a \$50 refundable service fee and \$10 non-refundable administrative fee. The \$50 fee will be returned after the account has been closed and any past due amounts are deducted. The administration fee covers cost associated with opening the account and physically turning on the water at the apartment.

What; s new this year is the

addition of the Utility Rental Agreement. This new form is to be filled out by the Realtor renting the apartment. Sharie Renzo, office manager of the water department, said that these forms have been distributed to most of the area realty offices and should be filled out at the same time the lease is signed. If your particular Realtor does not have any of these forms available, one must be obtained from the water department and taken to the Realtor.

SOUTHERN BELL 780-2355

Telephone service is only a call away. To get new phone service in your new apartment

simply call Southern Bell and answer a few questions.

When calling you need a Social Security number, two "can-be-reached numbers, that are telephone numbers of friends or relatives and address.

For students without sufficient credit history a deposit may be required. The amount of that deposit varies depending on several factors such as previous service with Southern Bell or credit cards or car loans.

Once all the information is given to the phone company service can be hooked up in one or two days on the average.



Great fun. Zane Woodward and Amy Parsons observethe picnic from the sidelines. There's got to be something better to do.

Financial aid not keeping up with rising college costs

©Copyright 1990, USA rose 123 percent at private higher debts, or choosing not

Lay off the make-up

©Copyright 1990, USA TODAY/Apple College Information Network

This fall, you should stop making up. Almost.

Toss those gleaming frosted eyeshadows and high-gloss lipsticks. The newest brows are defined with pencils, eyes are lined thinly in black and mascara is fading in importance.

"This fall, makeup will have the new matte finish," says Felicia Milewicz, Mademoiselle magazine's beauty director

"But it's not a dry matte. It's a moister, more dewy look."

"Eyeliner is very '60s and very sexy," says Milewicz. "On

both top and bottom lids." are following the forces of fashion.

"Makeup colors are taking their cues from nature and the environmental movement," says Milewicz.

The fall palette coming from major cosmetic companies is unnaturally natural. Chanel in-

troduces two palettes: one of mauve, apricot, sage and copper; the other of nude, teak, bisque and smoke. Maybelline pushes champagne and chocolates: a brown and beige palette with the palest of pink blush

- "We are calling the fall look the neutral or 'naked' face," says Milewicz.

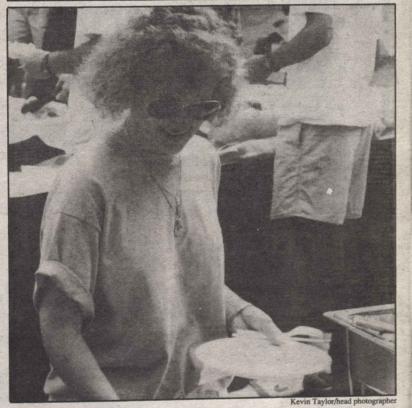
"Proper application and subtle blending is much more important with these neutral shades," says Milewicz.

And don't bother to get obviously made up at night either.

"There's little difference now between makeup for day and night," says Maybelline's Stan Campbell Place. "Paler lips and cheeks are also de rigueur for evening."

The single, most offered tip for dealing with this year's nude looks: Pick your best feature to emphasize with deep color-lips, brows, cheeks or lashes.

Then, with paler hues, let all else appear untouched.



TODAY/Apple College Information Network

Student financial aid from all sources increased 62 percent during the 1980s but failed to keep pace with soaring college costs, a new study says.

Most of the new aid came from state governments and colleges themselves.

Three of the five major federal aid programs --- when adjusted for inflation -are offering less aid than in 1980, says the report from The College Board.

Total available aid last year was \$27.9 billion, up from \$17.2 billion in 1980. That's a 62 percent climb in real dollars but only 10 percent over inflation.

Average cost of a year at college, in the same decade, schools, 105 percent on public four-year campuses.

The widening cost-aid gap means parents must start planning for college long before a student is ready to go, said Jack Joyce, College Board financial aid expert.

"Ideally, they should start planning as they leave the maternity ward," said Joyce. "We're trying to get the message to them in middle school. They should begin to consider education as they would any other capital investment, to be purchased with a combination of savings and loans."

The news is "devastating," said Marvin Hensley, financial aid director at Virginia's Old Dominion University. "It means more low-income students are piling up higher and

to go to college. And that lowers the education level of our citizens."

The federal share of student aid dropped to 73 percent from 83 percent during the '80s.

State aid has increased to 6 percent of the total from 5 percent, and institutional aid grants and loans from a school's own resources — has risen to 21 percent from 12 percent.

The federal work-study program, which subsidizes students' on-campus jobs, offers 19 percent less aid than 10 years ago when adjusted for inflation, the report shows.

The report also shows that Federal Supplemental Education Opportunity Grants are down 18 percent and that federal Perkins Loans are down 17 percent.

Oh, why not.

Probably the only good thing about the freshman picnic. Don't worry, the food gets worse.

Page 20

The Tiger

Activity center gets grant

from news services

A Spartanburg businessman has committed to give \$100,000 for preliminary work on a student activities center.

The gift from Norman Pulliam, founder and president of Pulliam Investment Co., will fund early architectural, engineering and site work for the center, proposed for the east side of campus.

Plans call for the facility to include a post office, a bookstore, student activities offices, food services and meeting rooms.

Raising at least \$3-million in private gifts for the projected \$10million center is the goal of Clemson's current capital fund drive, The Campaign for Clemson.

Pulliam earned a bachelor's degree in industrial management from Clemson in 1964 and a master's in business administration from Harvard University Business School in 1967.

He is a former member of Clemson's board of visitors and of the Clemson Alumni Association's national council. He is a member of the Presidents Club for major annual donors to Clemson and of IPTAY, the University's athletic scholarship organization.

He is or has been an officer of professional and civic groups ranging from the Spartanburg Chamber of Commerce and the S.C. School for the Deaf, Blind and Multihandicapped to the S.C. Governor's School for the Arts and the Piedmont Chapter of the American Red Cross.

Pulliam Investment Co., founded in 1970, is a Spartanburgbased real estate development and management firm with interests in the Carolinas and Georgia.

Gemstones join Geology Museum

from news services

The largest gift of gemstones Clemson University has ever received will go on display Sept. 3 at the Geology Museum in Brackett Hall.

More than 1,500 stones from around the world are in the collection of the late Paul H. Benson Jr. of Florence. He died in February, and this summer his family carried out his wishes by donating the collection to Clemson for public display. His son, Paul H. Benson III, now vice president for exploration at Mobil Oil Canada, is a 1962 graduate of Clemson's geology program.

Benson's colorful and varied

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DAY/Apple College Information

Network

collection includes aquamarine, topaz and amethyst, as well as unusual stones and minerals that are difficult to cut and usually not faceted. The exhibit also will display uncut stones of faceting quality to show what lapidary skills can do to transform them into high-quality gemstones.

Benson was a radio station owner who began his hobby of stone cutting in the early 1950s, cutting and polishing cabochons from quartz and petrified wood collected near his Florence home, Betty Newton, administrative assistant in the earth science department, said. Cabochons are stones such as opals or cats-eyes that are cut into ovals, without facets, and then polished.

Later Benson studied with the great gem cutter the late J. Harry Howard of Greenville, learning how to achieve perfect cuts on a wide variety of stones.

The collection can be seen at the museum in 127 Brackett Hall from 8 a.m. to 4:30 p.m. weekdays or by appointment.

The museum has among the largest collections of gemstones and minerals in South Carolina, along with Indian artifacts and fossils. It also is expected to have a new, larger home within the next few years, when Brackett Hall is in line for renovation.

For more information, call the earth sciences department at 656-4481.

Fees refunded for students called to active duty

Clemson University will refund full academic fees to currently enrolled students who are called to active military duty as a result of U.S. involvement in the Middle East.

"The university policies on 'withdrawal hours' and 'receiving final grades during the last five weeks of classes' will be waived," Nick Lomax, vice president for Student Affairs said.

Lomax said refunds for campus housing, meal plans, health services and campus parking fees will be pro-rated, based on services used at the time of the student's withdrawal.

To process their withdrawal from school, students should report to the Student Development Office in Holtzendorff Hall on campus with a copy of their individual orders certifying active military duty.

For nearly all forms of cancer, death rates are on the rise in the United States and other industrialized nations, according to the

first international report of its kind. The greatest overall increase in deaths --- 15 percent from 1968 to 1987 - occurred in people 75 and older, says Dr. Devra Davis, Mount Sinai Medical Center, New York, who led the study that appears in Friday's Lancet, a Britishmedical journal. Death rates also rose in people over 45 in all countries except the United States, probably because of more aggressive use of chemotherapy.

Others countries studied: England, Wales, West Germany, France, Italy and Japan.

ancer rates on the rise

While the cause is unknown, Davis says it can't be explained by people living longer or by better detection. "The sad truth is we don't really know what's causing a lot of these changes. We appear to have been conducting controlled experiments on people," she says.

In older age groups, prime suspects include high-dose X-rays used in the 1940s and 1950s and to more widespread exposure 30 to 40 years ago to cancer-causing substances in the workplace and home, such as pesticides and solvents.

Cancers showing the greatest increase in deaths: --- Brain and central nervous system cancers, up 33 percent to 250 percent, depending on age and sex, in the United States and 500 percent Italy, England and Wales. -Multiple myeloma, a form of bone cancer, up 50 percent to 200 percent for all countries.

-Breast cancer, up 30 percent to 50 percent. Suspects: older types of birth control pills, estrogen pills and bearing a first child at older ages.

The only exception in the study: Deaths from stomach cancer and lung cancer declined. However, the number of new cancer cases in U.S. women jumped 500 percent.

The findings are based on data supplied by the World Health Organization.



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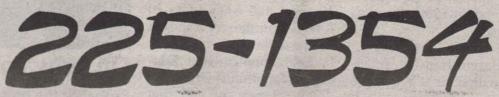
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The Tiger Famed filmmaker presents latest effort Kurosawa looks at 'Dreams'

By JACK GARNER ©Copyright 1990, USA **TODAY/Apple College Information Network**

At age 80, the great Japanese filmmaker, Akira Kurosawa, offers filmgoers a glimpse into his life, his psyche and his beliefs, with "Akira Kurosawa's Dreams," a gorgeouslooking, highly personal, but not always involving, chamber piece.

While such films as "The Seven Samurai," "Throne of Blood," and the masterpiece, "Ran," remain among the classic films that mark Kurosawa's genius, "Dreams" is but a sketchbook, a cinematic addenda to his autobiography. It is to his body of work what such films as "Fellini Roma" and "The Clowns" are to the works of Federico Fellini.

Ultimately, it's a film appealing only to filmgoers whose interest in Kurosawa goes beyond his films to the artist himself.

important and talented of all filmmakers, that means "Dreams" is worthwhile - and artful. It's just that the film won't find and doesn't warrant the broader acceptance that have greeted his masterworks.

"Dreams" evolved in Kurosawa's mind in the aftermath of critical acclaim that met "Ran," a film that many felt was not only his greatest, but, realistically, the last one could expect from the elderly artist. Kurosawa wasn't finished, however. (In fact, he's now at work on yet another post-"Ran" film.)

"Dreams" is a two-hour anthology of eight vignettes, culled from the director's actual dreams.

"I believe that a dream is an event created in the uninhibited brain of a sleeping person, emanating from an earnest desire which is hidden in the bottom of his heart while awake," Kurosawa has writtten.

"The surprising fact that the Because he is among the most human brain freely uses ingenious powers of expression in the process of forming dreams is also because, in my opinion, a dream is the utmost possible means of expression for those pure desires," he has added.

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Thus, in "Akira Kurosawa's Dreams," we are witness to an artist exploring through his medium the nature and meaning of his nocturnal expressions.

In "Sunshine through the Rain," for example, we see a little boy whose curiosity takes him into a mystical woods during a rainstorm, to witness the fabled and private wedding ceremony of the foxes. But his curiosity exacts a price: he must beg forgiveness of the foxes or kill himself. Since it's known that Kurosawa's brother killed himself many years ago and the filmmaker attempted it himself in the 1970s, it's clear the tragic subject is on his mind, and is linked to feelings of a debt owed for a life as a curious artist. That's the sort of personal interpretation "Dreams" seems to generate in filmgoers, whether or not that was the artist's intention.

Other dreams demonstrate Kurosawa's concerns for the environment, (in one of the best segments, a lyrical piece called "The Peach Orchard"); his fear of nuclear destruction (in an overly obvious piece called "Mount Fuji in Red"); his belief in some sort of spiritual guidance that helps him through difficulties ("The Blizzard,"); the lingering feelings of sadness and guilt about surviving World War II (the powerful "Tunnel" sequence); the prospects of a hell ("The Weeping Demon"); and the need to create a humanist and sane heaven on earth (the poetic "Village of the Watermills.")

Kurosawa also pays tribute to a most influential artist, Vincent Van Gogh, in a segment called "The Crows," in which the director's cinematic alter-ego (played by Akira Terao) chases after the relentless, uncompromising artist, Van Gogh, as he works in a field on one of his last paintings, "The Crows." Van Gogh is played in an interesting, brief cameo by U.S. filmmaker Martin Scorsese.

Beyond the personal, autobiographic nature of the anthology, "Dreams" chief attributes involving its graceful beauty, and the superb special effects (by Industrial Light and Magic) that successfully meet the surreal, fable-like demands of Kurosawa's free-spirited dreams.

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August 31, 1990

The Tiger

NBC has high hopes for 'Fresh Prince'

By TOM GREEN ©Copyright 1990, USA TODAY/Apple College Information Network

Will Smith has been assigned a simple task: Deliver NBC its first runaway comedy hit since "Golden Girls."

Will who?

Rapper Will Smith, the lanky 21-year-old known in the world of hip-hop as the Fresh Prince. The guy who paired with D.J. Jazzy Jeff for the 1988 rap anthem, "Parents Just Don't Understand."

Can he do it?

Warren Littlefield, new NBC Entertainment president, and a guy who is counting on it, swears this story is true: The moment he first saw the "Parents" video, "I started running up and down the halls screaming, 'Come take a look at this!' It's like an electrical charge went through the set."

Cut to six months later. Smith is about to debut in "The Fresh Prince of Bel-Air," a new Monday night sitcom about a guy from the streets of Philadelphia transplanted into the home of a Los Angeles family who have struck it rich and buried their black roots.

Madison Avenue is high on the show, which premieres Sept 10 (8 p.m. EDT-PDT). Former NBC programming chief Brandon Tartikoff compares Smith to Eddie Murphy. The network is touting "Fresh Prince" as its hot new show, the perfect vehicle to propel the urban street world into mainstream United States.

"The great black hope," smiles the Prince, trying to remain cool. He has been an actor three days, the time it took to shoot the first episode. Smith wouldn't mind dousing some of the hyperbole swirling around "Fresh Prince." Maybe bring the tub-thumping and the expectations — down a decibel or two. This comparison to Murphy, who exploded into stardom as a young guy via "Saturday Night Live," is starting to scare him.

"Hey, man, I'm worried about Eddie Murphy walking up to me in a club and challenging me to a jokeoff. With God's blessing, I hope to one day be like Eddie Murphy. But it's not today."

Others aren't so sure. Smith is so instantly appealing he could charm himself into the hearts of TV viewers and his lack of comedy training won't matter at all.

"I always tried to be different and stand out. I had an earring when I was young and I wore mismatched sneaks and things like that. Whatever I could do to be different, I did."

Rapping since age 11, playing church functions and school dances at 13, Smith hooked up with D.J. Jazzy Jeff (Jeffrey Townes) and made a hit of "Parents," a song about a shopping trip with his mom to buy back-to-school clothes.

Meanwhile, back in Burbank, NBC executives had been noticing the crossover of rap into pop culture and were covetous. Littlefield was a regular viewer of "Yo! MTV Raps" when veteran music producer-composer Quincy Jones, who wanted to do his first TV series, brought him a tape of "Parents." "I think the kid is a big star," said Jones, who had a fish-out-ofwater premise based on the life of Benny Medina, an ex-Motown executive now at Warner Bros.

Medina came from a broken home in the Watts section of Los Angeles and was in and out of trouble until a white family in Beverly Hills invited him to move in if he'd keep his grades up. At Beverly Hills High, he hooked up with the children of Motown chief Berry Gordy; Gordy eventually hired him.

"The difference is, we modeled the series after a black family we lived close to," says Medina, a co-producer of "Fresh Prince" with Jeff Pollack. "Actually, I had moved in with a Jewish family."

In December, Medina was coming out of a taping of an Arsenio Hall show featuring Jones; Smith stopped Medina to ask directions to a Lakers game. The two chatted. Smith said his music was going fine but he wanted to act.

A week later, Medina and Pollack met with Smith to lay out their series idea and he loved it. Don't have time to take Time-Out?

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Page 24 The Tiger Newstyle adult films target women, couples for customers

By DIANE HOFSESS ©Copyright 1990, USA **TODAY/Apple College Information Network**

A female attorney reaches under a restaurant table and mischievously fondles her stockbroker date. He then slips his hand under the table and returns the favor.

The man and woman decide they are too hungry for each other to sit through a long dinner, so they leave the restaurant, grab some Chinese food and head to her place - with inevitable results.

This is the opening scene of the X-rated "Sensual Escape," starring Nina Hartley and Richard Pacheco. It's just another porno movie ... or is it?

Not according to Candida Royalle, whose Femme Productions company has produced "Sensual Escape" and six other soft-porn adult videos meant to please female viewers and couples. The former actress-star of X-rated movies, is one of the rare-but-growing number of producers in the adult movie industry trying to clean up erotic videos so that women will like them as well as men. She says her work is spice without raunch.

"In my movies, they're not just hopping in the sack and having intercourse," says Royalle. "There's romance and sensuality. The real thrill is everything before you fi-

nally make love - all that wonderful tension going on,; that wonderful buildup.

"The other thing I'm very proud of," she continues, "is that I am endorsed by the sex therapy community. They feel my work promotes positive sexual role modeling." Her work has, indeed, been endorsed by The American Association of Sex Educators, Counselors and Therapists. Millions of Americans are quietly toting home more and more adult videos to watch in the privacy of their homes.

While only 20 percent of adult males said they had seen a pornographic movie in a 1960 poll, the percentage rose to 31 percent in a similar survey done in 1989 by the National Opinion Research Center at the University of Chicago. For women, the percentage rose from 13 percent in 1960 to 17 percent in 1989.

Another study found that women and couples rent 63 percent. of all sex-oriented videotapes. That survey was conducted in 1986 by Adult Video News, a monthly magazine published in Philadelphia.

Royalle, 39, is known in the adult movie industry for producing quality work. In a business where the average budget per title these days is \$7,000 to \$12,000 and one day or two of shooting, Royalle spends \$40,000 to \$70,000 per title

and five or six days on location.

She is also known for using real-looking women, rather than perfect models. Hartley, the star of "Sensual Escape," is a good example. Hartley admits, "I'm four inches shorter and 10 pounds heavier than the average star. I've got a big butt. But a lot of guys like a big butt. It pays my rent.'

Other adult video producers have also begun making movies that appeal to women and couples, including Dreamland Entertainment productions ("Bodies in Heat"), Caballero Productions ("Our Dinner with Andrea") and Argen Video ("Strangers When We Meet").

Ironically, while there seems to be a growing interest in viewing adult videos, they are becoming harder to find. Part of the problem is that Blockbuster Video, the nation's largest video rental store, doesn't carry adult videos and is edging the mom-and-pop stores that do out of business.

Video stores that stock adult videos often do a poor job of separating soft-porn videos from the hard-core titles. Few take the time to affix labels that say a movie is recommended for women and couples. Other video store owners seem to think it's too much trouble to do so. "We don't categorize them. We alphabetize them," says Ellen Sawyer of Thomas Video in Royal Oak, Mich.

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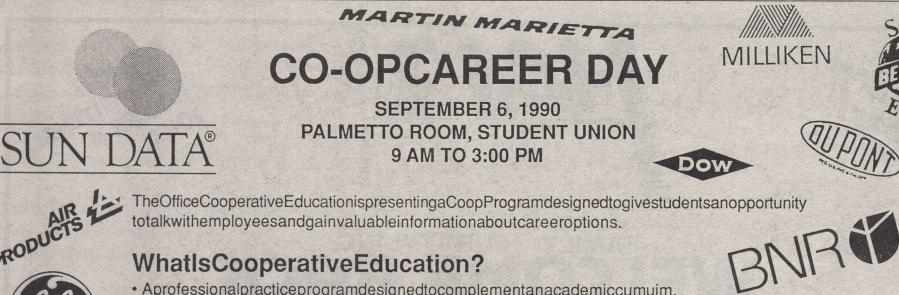
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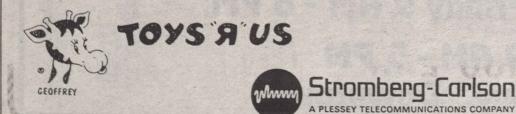
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The Tiger

PRINCE, from page 13

funk, *Batman*-styled precision of "Thieves in the Temple." Further, the music mirrors the good-versusevil, flesh-versus-spirit battle at the heart of the movie's plot.

Prince is preoccupied with the quest for freeing man from the past, which he sees as a crutch he leans on to keep from accepting new ideas, and installing a new regime which he has christened the New Power Generation.

Innovation, creativity and brotherly love are what he preaches.

The Time, his funkier proteges, are almost profane in their ideas on what protagonist Morris Day sees as really important: money, power and sexual conquest. "Love Machine," one of their standout offerings, deals with a double-barrelled ascault on a young beauty's virtue. Lead singer Day and comic sidekick Jerome Benton trade quips as they attempt to seduceher.

At one point, the Kid (Prince's character) is even drawn into the musically and sensually irresistible

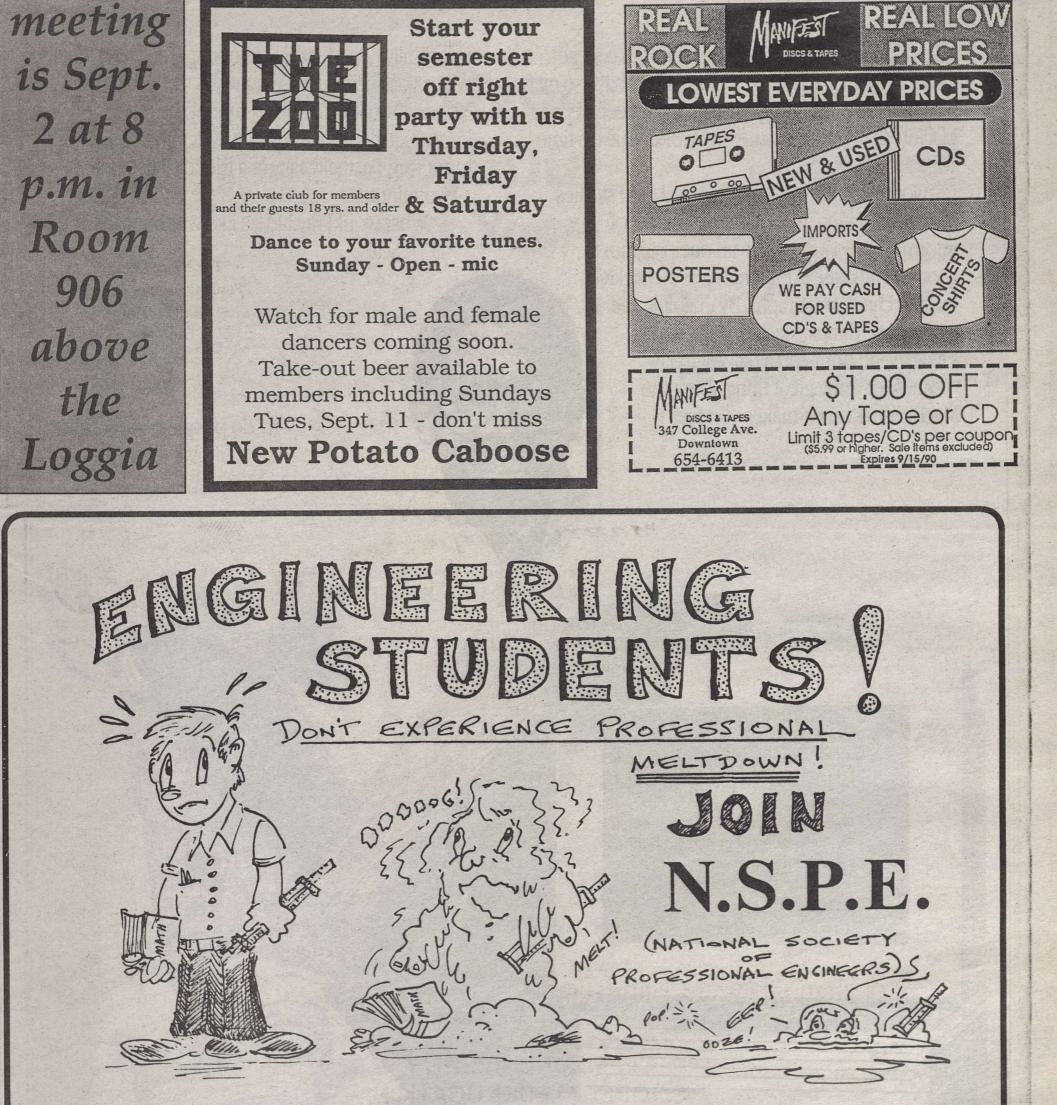
web the Time spins. "The Latest Fashion," which features Prince in an acknowledged co-lead, says "This is the latest fashion/ To lie in the heat of passion." It's okay to lie since lying is done so casually that truth is the true deviation.

After receiving the advice of "Melody Cool" (Mavis Staples in one of her best vocal vocal performances since prime Staples Singers), the Kid renews his commitment to finding the "Graffiti Bridge," a bridge that leads to "a

better place."

Granted, the movie and album concept do not have the most complicated or original of storylines, but if Prince has been able to produce visuals on the big screen with half the vitality of the music he's created here, then "Graffiti Bridge" may be worth a look.

This seventeen-song opus is simply, and not so simply, master-ful.



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Sports

Soccer Looking To Return To Past Form

from Sports Information

There are several reasons why Coach I. M. Ibrahim is optimistic and anxiously awaiting the 1990 season.

First and foremost, Ibrahim welcomes back 12 letterwinners, including nine starters from a year ago. Leading the list of returnees is 1989 All-American Pearse Tormey.

fense. Last year, we gave up too many goals on set plays. Of course, an improved defense will avoid these goals."

Thirdly, Ibrahim is hoping fate will change and the course of luck will be directed in Clemson's favor. "There is no doubt that we have had bad luck with injuries. Last year, we unexpectedly learned Andres Also would never be able to play again and this forces us to

Kevin Taylor/ head photographer

The Soccer Team gears up for the new season.

The Drogheda, Ireland native led the Tigers in scoring with 15 goals and eight assists for a total of 38 points. The first team All-ACC selection is 12th on Clemson's career list for most goals scored (35) and tied for fourth on the school's assist list (27). Ibrahim also returns seasoned veterans Thomas Najjar and Joey Feinberg, both starters on the Clemson national championship team in 1987. "We return a group of 16 young men including Pearse Tormey, our All-American and our leading scorer in 1989," said Ibrahim, who is entering his 24th season as Clemson's mentor. "The freshmen in 1989 gained a wealth of experience and hopefully have matured and will be able to be productive." "We strengthened some of our weaknesses through recruiting. Our main problem last year was the lack of a strong goalkeeping contingent. This year, this position will be stronger and deeper." Another reason for Ibrahim's optimism is a change in Clemson's style of play from an attacking, aggressive style to more of a defensive scheme of play. "Our opponents could count on us attacking and over the past two seasons, we gave up too much defensively," Ibrahim said. "This season we are going to concentrate more on dedrastically change our lineup at the beginning of the season," Ibrahim said. "Hopefully, our luck will change and we will stay away from so many injuries."

Fourth, Ibrahim is depending on his seniors for leadership; this element he says will be a determining factor in Clemson's success in 1990.

"We are looking forward to a

Lofty Expectations For Clemson Volleyball Are Now Within Reach

by Eric Lyons assistant sports editor

Gone are the days when Clemson volleyball strived for a 20-win season and three conference wins.

Those days are history. Head Coach Linda White's four-year rebuilding program is complete, and now her Lady Tigers are thinking about Atlantic Coast Conference Championships, regional rankings, and postseason tournaments for this year, Those goals are not just preseason hype.

"This year's team goals have a great deal to do with our 1990 schedule," said Coach White, now the winningest coach in Clemson volleyball history with a 93-56 record.

The schedule has the two perennial ACC powers at home during the Spirit Blitz weekend. Duke visits Jervey Gym on Thursday, October 4, while North Carolina travels to Clemson the very next day. A split or sweep of the two game series is crucial for an ACC title.

A home and away series with Georgia is a key to a regional ranking. The Lady Bulldogs did not lose a single game in taking the two matches from Clemson in 1989, and a road trip to South Carolina are the keys for respect in the Southeastern Regional and a postseason berth.

Returning 10 players and five starters from 1989's 30-7 season is the other reason for the team's lofty goals.

"We have four seniors on our team who have been a part of our five-year plan of winning volleyball here at Clemson from its inception. Most of these seniors were the first group of recruits I brought into the program. Their leadership and experience will be a key if we are to reach our goals this season. Another strength will be our depth. This is a situation we have never had since I have been here. The majority of our players can play anywhere at anytime."

Senior Karen Kamarauskas and sophomore Julie Marx return experience for the middle hitter positions. Coach White considers Kamarauskas as the team's quarterback. "She is the one that calls our plays on defense, and she is our court leader defensively and is a smart player." Marx started 18 matches and saw action in 17 others as a freshman. Rochelle Thompson, a freshman from Joilet, Illinois, is expected to start at the other middle hitter position.

Coach White is also confident with the outside hitters, which she considers the best since her arrival in 1986. Senior Tashia Greene led the '89 team with 2.71 kills per game and 318 defensive saves. "Coming out of Anderson College, Tashia adjusted well to the intensity of play at this level and has become one of our mainstays."

Joining Greene is sophomore Heidi Kahl, who had an excellent freshman year, and sophomore Jill Hensley, considered the most powerful hitter on the team. Senior Rayna Griffing will also be expected to contribute to the Clemson cause. "Rayna is our backrow specialist. Her serve is the most difficult on the team to

receive, and she is also an excellent passer," comments White.

The setter position is the only question mark for the Tigers. Senior Jenny Yurkanin is currently returning from shoulder surgery. "At this time, we are unsure about Jenny Yurkanin as she sat out the entire spring recovering from shoulder surgery. We are anxious to see how quickly she can return to our lineup."

Yurkanin led the team in set assists with 920 in 1989 and is first on the Clemson list for most set assists in a career with 2,705. She also led the 1989 squad in hitting percentage.

Expected to fill in the gap for Yurkanin is junior Anne Marie Wessel. "In the past two years, she has been an understudy for Jenny and has done a great job. She grew mentally this past spring and gained valuable experience."

Backing up Yurkanin and Wessel will be junior Annie Castro, who made a successful transition during the spring from hitter to setter. Sophomore Kristy Tonks is also expected to contribute.

For Clemson volleyball, the building of a program is past. The opportunity for it to flourish is now.

Clemson Volleyball Home Games

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Sep. 4	Georgia State	7:00
	Western Carolina	7:00
Sep. 22	Augusta College	10:00
	Winthrop College	7:00
	Morehead State	7:00 -
Sep. 30	UNC-Greensboro	3:00
Carlos and the second second second	UNC-Asheville	7:00
Oct. 4	Duke	7:00
Oct. 5	North Carolina	7:00
Oct. 7	Furman	2:00
Oct. 9	Georgia	7:00
Oct. 10	Georgia Southern	7:00
Oct. 16	Georgia Tech	7:00
Oct. 25	UNC-Charlotte	7:00
Oct. 27	Maryland	7:00
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Long Beach State's New Mentor



renewed commitment from our players," Ibrahim said. "This seniors reaches the pinnacle of success their freshman year and for the last two seasons, they have lacked success. I believe the fortunes of this season will hinge on the seniors. The 1987 season was a classic example of how seniors can lead a team to victories and to a national championship. Unfortunately, we have lacked leadership for the past two years. I am confident there will be a difference this year. The traditions we have established over the years are strong and we need this tradition to continue."

The position of goalkeeping is an area that concerns Coach Ibrahim. However, he hopes the experience that senior Roberto Marinaro acquired last season and the addition of freshman John Mers, can contribute to improvement from a year ago.

see SOCCER, page 28

Plans To Keep Clemson Guessing

by Eric Lyons assistant sports editor

If Long Beach State appears to be overwhelmed for the first quarter of play on Saturday, have a little patience.

The 49ers largest crowd last season was 42,000 at Hawaii, so when the estimated 75,000 orange fanatics invade Death Valley for the 1:00 P.M. contest, some Long Beach State players are bound to have their jaws wide open.

But just because they're not totally prepared for Memorial Stadium, veteran Head Coach George Allen will see to it that they will be prepared for the Clemson football team.

Long Beach State lured legendary coach George Allen on De-





cember 19, 1989 to sunny California to take over a small Division I program from the Big West Conference that has talent but needed a shot of enthusiasm.

Allen, at 72, last coached in 1984, and has enjoyed success at every team he has coached in his career. He turned Morningside and Whittier Colleges into winners in the early 1950's, but enjoyed his greatest success in the National Football League. He led the Los Angeles Rams to two playoff berths in the late 60's, and the Washington Redskins to a 67-30-1 record and five playoff berths from 1971-1977, including an appearance in Super Bowl VII.

After a five year hiatus from coaching, Allen coached for two years in the USFL for Chicago and Arizona, compiling a 22-14 record. In 23 years of coaching Allen has compiled a 187-94-11 record.

So what can Clemson head coach Ken Hatfield expect from this legendary coach? He's not sure, be-

see LONG, page 31

SOCCER, from page 27

Marinaro played in six games and had four starts in 1989. He played 383 minutes and gave up eight goals, or 1.33 goals per game. He also had 10 saves. For his career, Marinaro has played 1,941 minutes, has given up 25 goals, and has 70 saves.

roster at this position. Mers, from Westerville, OH, had 28 shutouts his junior and senior years in high for a .60 goals per game average. He had 264 saves in 48 games or 5.5 as well as a member of the under-20 National Olympic Development team in 1990.

was in the goal," Ibrahim said. "This year, we feel it will be different with more experience and the addition of Mers.

"We have a better outlook in this position, compared to last season," commented Ibrahim. "With the we moved Joey Feinberg to sweeper. Feinberg is fast, reads the game, and anticipates well because freshman year. of his speed and aggressiveness.

He is a natural for that position. I should have moved him there last year."

Clemson has four other players with experience returning in 1990. Kevin England, a sophomore, has four assists and three goals for 10 points last season, as he started nine matches.

Steve Wolf started all 20 matches The Tigers add John Mers to the last year and will be counted on again in his junior season. Wolf is the only returnee to have started in all 20 matches last season. Joining school. Also during high school, he . Wolf is sophomore Chris Martinez. allowed only 29 goals in 48 games Martinez started 19 games as a freshman and had an impressive season.

Burke Goodloe recuperated well saves per game. He was named a last season from a knee injury that Parade Magazine All-American, occurred in 1988. Goodloe was a starter in 11 of the 16 matches he played in last season.

Kevin Berounsky is one of the "Last year, our biggest problem freshmen to join the defenders. Berounsky, a native of Miami, Fl., played sweeper in high school and had 14 goals and 35 assists during his career. He also played for the 1989 AAU Junior Olympic National Runner-Up team.

Joining him will be James Dean, emphasis we will put on defense, a regional team and Texas high school standout, who will be counted on to provide support in his

Midfield will be manned with

seasoned veterans. Heading the list of midfielders is senior Thomas Najjar.

The Tiger

"Najjar wants to have a great year," Ibrahim said. "He will start on the right wing." Najjar had seven assists and one goal last season and started in 16 of the 19 games he played in last year.

The other senior, Richard Richmond saw limited action last season due to a broken foot. However, he managed to play in six games. He scored a goal in Clemson's National Championship win over San Diego State in 1987.

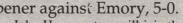
Sophomores Andy Pujats, Rob Fritz and Jean Servy are secondyear returnees.

Pujats started 19 games and had four goals and one assist. "Pujats was moved from defense to midfield this past spring," Ibrahim said. "He is a good header and has an excellent work rate."

Fritz also saw considerable action, playing in 14 contests as a freshman. The Arlington, TX native had three goals and four assists.

Jon Payne will move from striker to the midfield this fall. He had five goals last season, which was tied for third on the team. He also had two assists for 12 points. Payne saw action in 19 games while starting in 17. "Payne is blossoming in

to a fine player," Ibrahim said. "In the spring he showed flashes of brilliance and by the end of the fall he will be a top player on our team"



John Hammontree will join the Tigers after spending two year South Carolina. He played on the Gamecocks' Final Four team in 1988.

Freshman Michael Konopaski is the only freshman among the midfielders. Konopaski was a member of the Canadian National Under 16 championship team.

This position will be led by senior All-American Pearse Tormey. Tormey, a first-team ALI-ACC choice in 1989, led the team in scoring with 15 goals and eight assists. Tormey started 19 games and finished the season with 38 points.

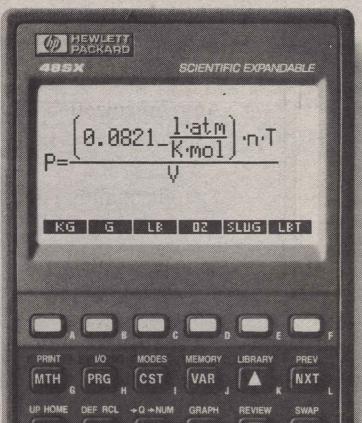
Tormey is 11th in the school's history for most total points in a career (97). He is also 12th on the Clemson career list for most goals scored in a career (35). The Drogheda, Ireland native is also credited with 27 assists during his Clemson career which places him tied for fourth with former Tiger All-American Christian Nwokocha on the Tiger career assist list.

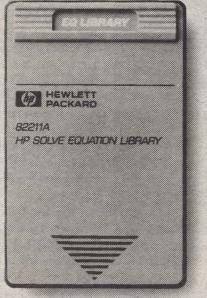
Tormey was second in the ACC in points (38) and goals scored (15) in 1989.

"Tormey had a great year last season and is a steady player day in and day out," Ibrahim said. "In his final year, he will be more fit and stronger than ever."

"We have a question mark about who will play in the other striker position. Hopefully, we can resolve this question among our recruits."

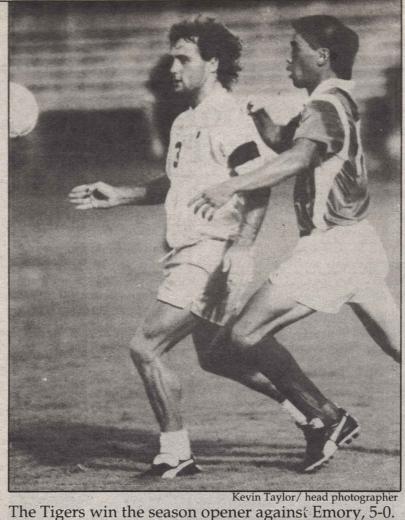
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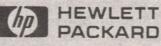
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Joining Tormey at this position is Garrett Cronin. Cronin was ninth on the team in points (eight), with three goals and two assists to his credit.

Two recruits, Kurt Lehnert and Jimmy Glenn, are the two newcomers at this position. Lehnert is a junior college transfer and had 33 career goals (24 as a sophomore) at Brevard Junior College in Brevard, N.C. He also had 10 assists. At Brevard, he led the conference in points and goals last season.

Glenn, a native of San Antonio, TX played on the Under 16 national team and had impressive statistics during his high school career. In three years, he scored 101 goals and finished his career with 63 assists. During his senior season, he had 56 goals and 32 assists (144 points).

August 31, 1990			The	Tiger				Page2
Tiger Picks	Clemson VS Long Beach State	Virginia đ Kansas	N.C. State VS Western Carolina	Duke Æ South Carolina	UNC VS Miami, OH.	Maryland VS Virginia Tech	Wake Forest đ Rice	Syracuse VS Southern Cal
Dave Thomas sports editor	Clemson	. Virginia	N.C.State	Duke	UNC	Virginia Tech	Wake Forest	Southern Cal
Eric Lyons assistant sports editor	Clemson	Virginia	N. C. State	South Carolina	UNC	Virginia Tech	Wake Forest	Southern Cal
David Chamberlain editor-in-chief	Clemson	Virginia	N.C.State	South Carolina	UNC	Maryland	Wake Forest	Southern Cal
Dean Lollis managing editor	Clemson	Virginia	N.C.State	South Carolina	UNC	Vi <i>r</i> ginia Tech	Wake Forest	Syracuse
Bill Swain news editor	Clemson	Virginia	N. C. State	Duke	UNC	Maryland	Wake Forest	Syracuse
Kevin Taylor head photographer	Clemson	Virginia	N. C. State	South Carolina	UNC	Maryland	Wake Forest	Southern Cal
Chip East senior staff photographer	Clemson	Virginia	N. C. State	Duke	UNC	Maryland	Riœ	Syracuse
Terry Manning entertainment editor	Clemson	Virginia	N. C. State	Duke	UNC	Maryland	Riœ	Southern Cal
Susan Biggers assistant news editor	Clemson	Virginia	N. C. State	South Carolina	UNC	Maryland	Wake Forest	Southern Cal
Leslie Bazen advertising editor	Long Beach St	Kansas	Western Carolina	South Carolina	Miami, OH.	Maryland	Rice ·	Syracuse



Editor's Note: Tiger Picks is the revival of an old Tiger tradition in which different members of the Tiger staff pick and choose from a selection of teams and games. Each choice disregards the spread between the two teams.

1990 Homecoming Pageant

Any organization wishing to sponsor a candidate for the 1990 Homecoming Pageant needs to pick up an application in the Student Government

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future writers. If you want to be published on a regular basis come up to The Tiger general staff meetings on Sunday nights at 8:00 in 902 University Union (directly above the Loggia) and write news. Call Bill at 656-4006 for more info.

Attention

August 31, 1990

National Football Conference Preview

by Patrick McNeill special to The Tiger

Ah, yes. It's time once again for the NFL. Remember the NFL?

It's that football league that comes on TV every Sunday while we're still recovering from the post-Clemson game party. Good! The new NFL season begins on September 9th this year. For those of you who haven't checked out the NFL since the Super Bowl, we now present <u>The</u> <u>Tiger's</u> Armchair Quarterback Guide to the 1990 NFL season.

News Item #1- NO BRENT MUSBURGER?? First things first. Brent Musburger is no longer the host of the popular "NFL Today" pregame show on CBS. He has been replaced by Greg Gumbel. Irv Cross has been replaced by Terry Bradshaw. These are two excellent reasons to change channels and watch "NFL Live" with Bob Costas instead.

News Item #2- MORE WILD CARD GAMES!! Hey, for my money there's nothing more exciting than the idea of two more playoff games come Christmas. Yes, there will be 12 teams in the playoffs this season instead of 10. It's still not as bad as the National Hockey League, but give the NFL time.

News Item #3- FASTER GAMES!! The 30 second clock that the NFL had last season has been converted to a 25 second clock. The game clock no longer stops automatically when a player goes out of bounds.

Also, halftime has been reduced from 15 minutes to 12 minutes. These rule changes sound like a good idea, but it means that we may never again hear Pat Summerall tell us that "60 Minutes" will be shown in its entirety immediately following the game, except on the West Coast. Truly, the death of a great tradition.

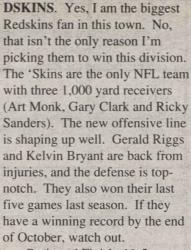
News Item #4- MORE FOOTBALL, MORE OFTEN!! Thanks to the wonders of cable TV, we will now get to watch three, count 'em, THREE football games EVERY Sunday for SEVENTEEN weeks! This is great for football fans (like myself), but it also means that the non-football watching minority in this case will have even less patience with the rest of us than before. (I think it's a fair tradeoff, don't you?)

And now, it's time once again for young Patrick D. McNeill, armed only with his copy of Street & Smith's and his MacIntosh, to boldly venture into the zone inhabited by professional gamblers and big city sportswriters and make his predictions for this season. Yes, I was the guy who picked Minnesota to win the Super Bowl AND Bud Light to win the Bud Bowl, but I also managed to predict Cleveland winning their division AND the utter demise of the Chicago Bears. So, feel free to take these picks at least as seriously as you would those of anyone else who writes for this fine newspaper.

THE NFC

EASTERN DIVISION

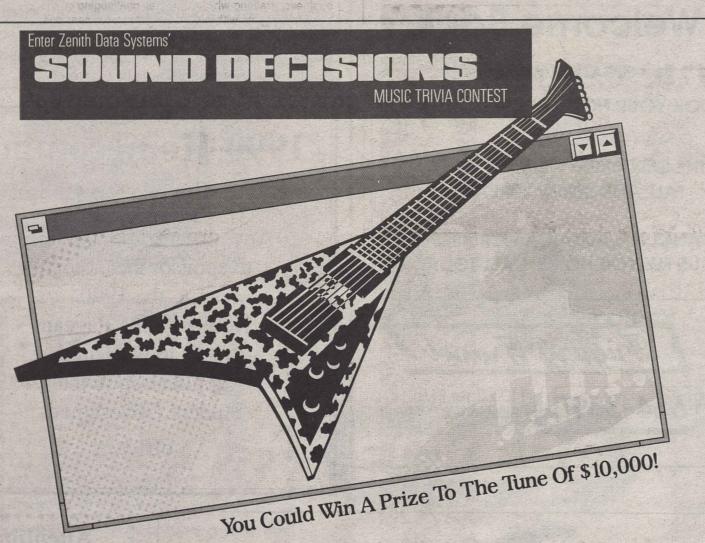
1. WASHINGTON RE-



Projected Finish: 11-5

2. NEW YORK GIANTS. All of you Jersey boys keep reminding me never to write the Giants off. I'm not. The defense has looked excellent in preseason, and it looks as though Georgia's Rodney Hampton will be the next New York superback. But, c'mon folks, do you REALLY think Phil Simms and LT still have what it takes to put the Giants over the top? The Redskins also have a softer schedule than the boys from the Meadowlands. Sorry, dudes. You'll still make the playoffs, though. Projected Finish: 10-6

3. PHILADELPHIA EAGLES.



THE DATA OVOTTIO DIMOVATED ADAMIN II I A H. C. ID.

This is the NFC East, and something's got to give. This year, it'll be Buddy Ryan's Eagles. They will be deprived the chance to pull off the patented "Philadelphia choke" for the third straight season. I'm not saying that they don't have the talent. They do. But poor Randall Cunningham isn't getting any offensive help and the shakeup with Philly's pass defense isn't helping. Still, the Eagles are a formidable opponent.

Projected Finish: 9-7

4. PHOENIX CARDINALS.

Good luck to new Phoenix head coach Joe Bugel. He's going to need it. The receivers are aging, the defense has been riddled by injuries, and the backfield is virtually nonexistent. On the bright side, Bugel has a decent offensive line and linebackers Anthony Bell and Ken Harvey look like potential stars. The Cardinals will get a little worse before they improve.

Projected Finish: 4-12

5. DALLAS COWBOYS. 1

hate Dallas as much as the next human being, but not even I think that they will do as badly as they did last year. Troy Aikman will improve at quarterback if the offensive line can keep him alive through the entire season. The defense will probably be the most improved part of the Cowboy team. In a few more years, who knows how far they can go? Projected Finish: 4-12

CENTRAL DIVISION

1. GREEN BAY PACKERS.

Of course, this depends on whether or not quarterback Dan Majkowski ends his holdout. I think that he will and that the Pack will become the whole pack and take this division. "Majik" has a fine supporting cast, including USC's Sterling Sharpe and running back Brent Fullwood. Kicker Chris Jacke will continue to pull the Packers out of the fire with his last-minute heroics.

Projected Finish: 12-4

2. DETROIT LIONS. Look out. Detroit won their last five games last year to finish at 7-9. Running back Barry Sanders was good enough to make people forget that "Prime Time" guy in Atlanta. I just hope that coach Wayne Fontes can find enough receivers for Rodney Peete to throw to. Chris Spielman leads one of the most improved defensive units in the league. The Lions in the playoffs? Why not? Projected Finish: 10-6

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3. MINNESOTA VIKINGS. The trade for Herschel Walker was not such a great idea. The Vikings just don't know what to do with the poor guy. Rich Gannon is taking over at quarterback, but if Anthony Carter has another off year, he won't have anyone to throw to. The talent on the offensive and defensive lines is astounding, but there isn't enough depth at linebacker or in the defensive backfield. Projected Finish: 9-7

4. CHICAGO BEARS. The only people who think that the Bears will be a better team than they were last year are the people

August 31, 1990

who haven't seen the Bears in preseason. The defense isn't as frightening as it used to be, although they still have Mike Singletary and Richard Dent. Mike Tomczak is not one of the all-time great quarterbacks. The offensive line is the best part of this year's Chicago unit.

Projected Finish: 6-10

5. TAMPA BAY BUCCA-NEERS. Want a linebacker? Need a linebacker? Call Ray Perkins in Tampa Bay. He's got Keith McCants and Broderick Thomas, two of the best around. Unfortunately, the rest of the Tampa Bay defense is pretty pathetic. If Reggie Cobb doesn't work out at running back, look for Vinny Testaverde to throw a lot of passes to Mark Carrier. Projected Finish: 5-11

WESTERN DIVISION

1. LOS ANGELES RAMS. Most of the big magazines picked the 49ers to repeat as Super Bowl champions. What a bunch of cowards! Injuries to some key defensive players crippled L.A. last year. If lightning doesn't strike twice, the Rams will win the Super Bowl this January. Jim

Everett, who may be the best quarterback in the league, will be throwing to Henry Ellard and Willie "Flipper" Anderson. Anyone can run behind the Rams terrific offensive line, led by Pro Bowl tackle Jackie Slater. Opposing quarterbacks will have to find a way to escape linebacker Kevin Greene, who recorded 16 1/2 sacks last year. Now, if they can just beat the 49ers...

Projected Finish: 13-3

2. SAN FRANSISCO 49ERS.

What more can I say? They have Joe Montana, Roger Craig, Jerry Rice and Ronnie Lott. But they don't have a healthy offensive line. Joe Montana has spent more than a little time on his back during the preseason. The defensive line has a couple of leaks in it too. The key to the entire 49er season is the health of Joe Montana. As good as backup Steve Young is, Joe is irreplaceable. San Fransisco will be in the playoffs, but the reign has ended. Projected Finish: 11-5

3. NEW ORLEANS SAINTS. It doesn't look good. The Saints have what it takes to be a playoff team. They've proven it before. But their schedule will kill them.

The Tiger



For starters, they play the 49ers and the Vikings. The Saints' defense is in need of immediate repair work. If their draft choices can't fill in immediately, the defensive line will become a sieve and the cornerbacks will get burned.

Projected Finish: 7-9

4. ATLANTA FALCONS. Just when you thought that the Falcons had been attending the same management school as Clemson University parking officials, they go and do something intelligent. Jerry Glanville is a great coach. Tragically, he does not have a great team yet. Chris Miller is an excellent quarterback and Tony Casillas is the best nose tackle in the league, but Jerry still has his work cut out for him. Watch for October 28th, when the Falcons take on the Bengals and Jerry's good friend, Sam Wyche.

Projected Finish: 5-11

Next Week: The AFC

LONG, from page 27

cause it's currently a well kept secret.

"This team will throw the ball well, but they can run the ball also. They have a lot of unknown quantities because they have a lot of junior college transfers. We don't have a lot of film on them and they did not play a spring game," says Hatfield.

At press time the 49ers had yet to name a starting quarterback, and although junior red-shirt Todd Studer was impressive in the spring and is listed as the starter on Long Beach State's first depth chart, Bobby San Jose was also impressive last spring for State.

Whoever is given the starting nod will work with one of the top wide receivers on the West Coast

in Sean Foster. The All-Big West performer caught 49 passes for 1021 years a year ago, a reception yardage total that is higher than any Clemson receiver past or present has ever gained.

The potent offense will have to work overtime Saturday, because the Long Beach State defense has many new personnel replacing last year's group that allowed 450 yards and 34 points per game in 1989.

Defensive tackle Pepper Jenkins is the main returnee for Long Beach State, who had 88 tackles last season, 18 of those for negative yardage.

Long Beach State traveled 2300 miles to reach Clemson for tomorrow's game, the farthest any Clemson opponent has had to travel for a game at Death Valley.

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Volleyball player misses big-city life, not big-city attitude

For Heidi Kahl, being "Daddy's Linda White. little boy" was no easy task. For as long as she can remember, Heidi has been involved either as a spectator or as a player in many of the sports that her father coaches.

"My father is a coach, so I've been in the gym since I was about four," she recalled.

player profile

Since that time, Heidi has tried to tackle quite a few sports. At one time in her sporting career, she even played Pee-Wee football. Even though Kahl has outgrown her tomboy image that she had acquired during her younger years, her strong competitiveness still remains intact.

Being only a sophomore this season, Heidi's accomplishments on the Clemson court are still to come, but her achievements on the high school level were enough to turn quite a few heads here at Clemson.

"Heidi is a skilled, well-rounded athlete with a quick arm and good power. Her credentials read like a Who's Who of Volleyball," re-

Across From Dominos

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A good deal of her volleyball ability should be credited obviously to her father, but at the beginning of her sophomore year in high school, Kahl joined a club team that boosted her playing ability to All-American proportions and allowed for an easy transition into Tiger Volleyball.

"I played for three years for this club called Sports Performance. We trained six days a week, six hours at a time and nine months out of the year. The transition because of my club experience was really easy. The club prepares you for the college training, the atmosphere and the intensity of the pace."

With All-American status, Kahl could have gone to just about any school to play volleyball. So why did a Huntley, Illinois native choose a small, little town in the heart of South Carolina to spend her college days?

"The girls are so nice on the team, and I noticed that right away ... The people are so friendly here and that's something you won't find in the North," stated Kahl.

Although Kahl enjoys the southmarked Head Volleyball Coach ern hospitality of this small farming

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school in rural South Carolina, she misses the big-city life from back home.

"It was a big change coming from the city. I love the city life."

For someone who enjoys the roaring streets of Chicago, Kahl also likes to relax with a good Herman Hess book to kill free time. Unlike many of the couch potatoes who lie around Johnstone watching hour after hour of mindless TV, Heidi likes to spend her spare time on constructive activities.

"I don't watch TV at all. I like to read a lot, I bike and I play tennis. I try to play tennis," smiled Kahl after correcting herself.

This summer Kahl expanded on he volleyball ability by teaching clinics throughout the Midwest. To Kahl, teaching clinics was a great way to work

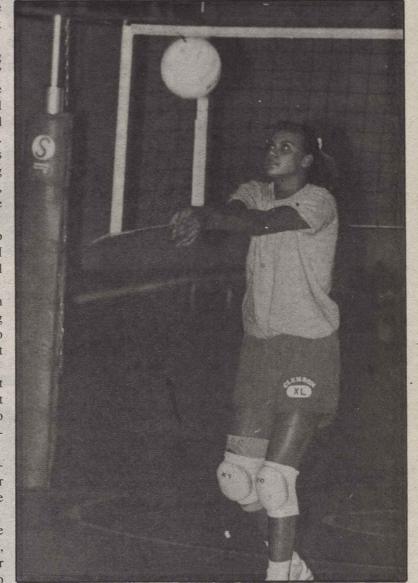
with kids, but as for a permanent position as a coach after her term at Clemson, Kahl has "...no desire to spend the rest of my life with volleyball."

Many times Volleyball is overshadowed by some of the bigger sports, but by no means will you see any resentment from Kahl.

"We understand that there are revenue and non-revenue sports, and we realize what's giving us our contracts, its the football team, so we appreciate all they do for us."

Still, Kahl sees women's volleyball as a sport that is soaring to new heights, and with time it will become an even more popular event for spectators.

"Volleyball is the up-and-coming sport, and more people are start-



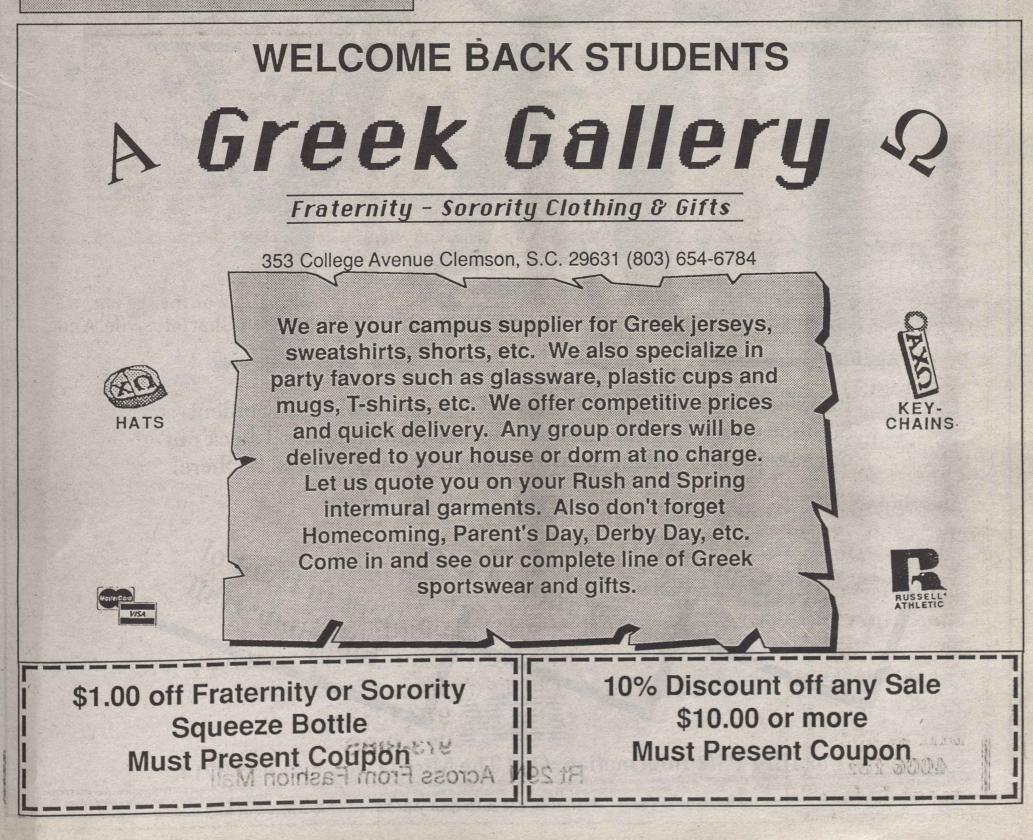
Kevin Taylor/ head photographer

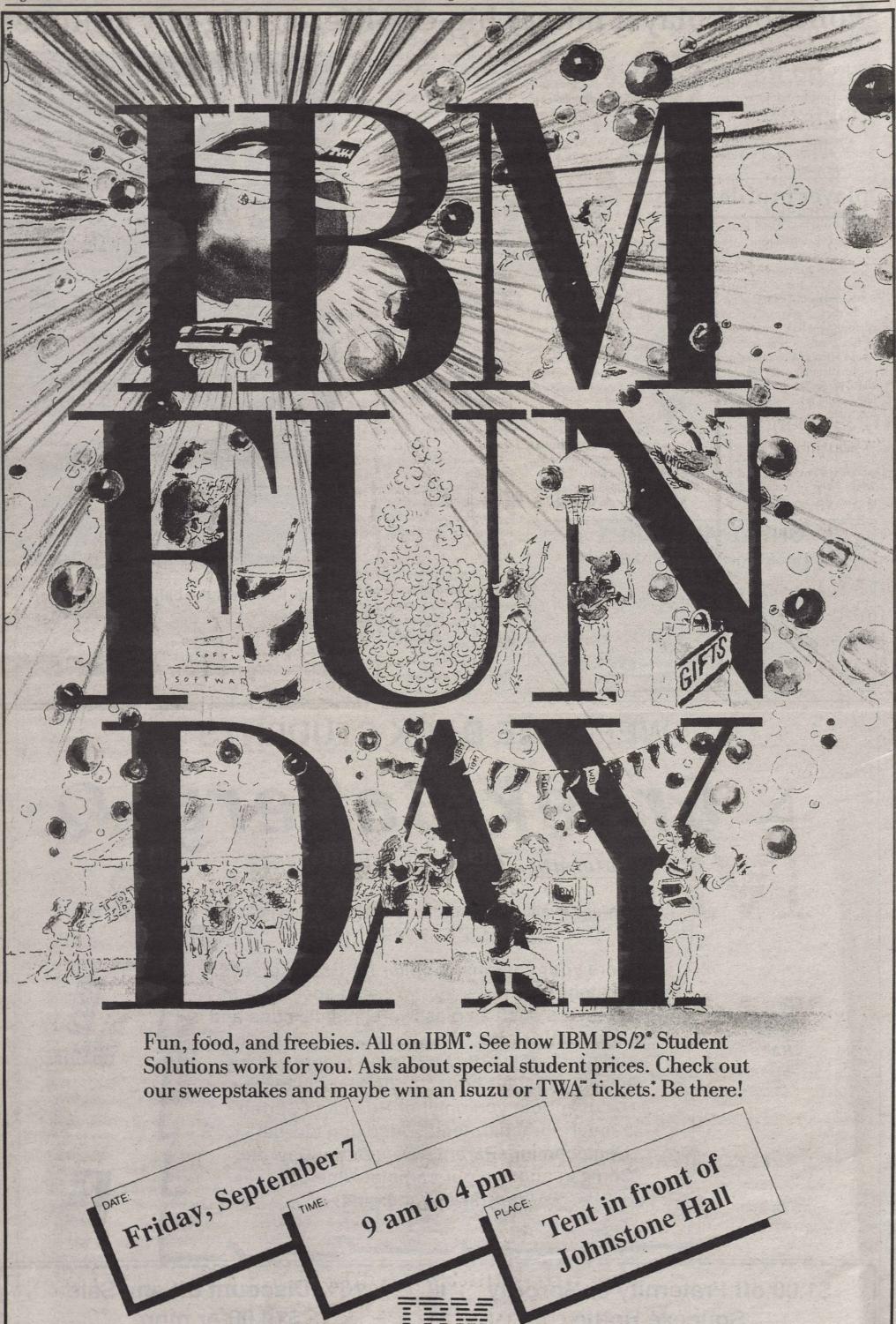
Heidi Kahl sets the ball during practice. ing to come out and watch."

With years and years of putting volleyball first on the priority list, this Special Education turned Biological Sciences major has begun to

see the significance of a good education.

"Getting a career and my Masters are really important to me," concluded Kahl.

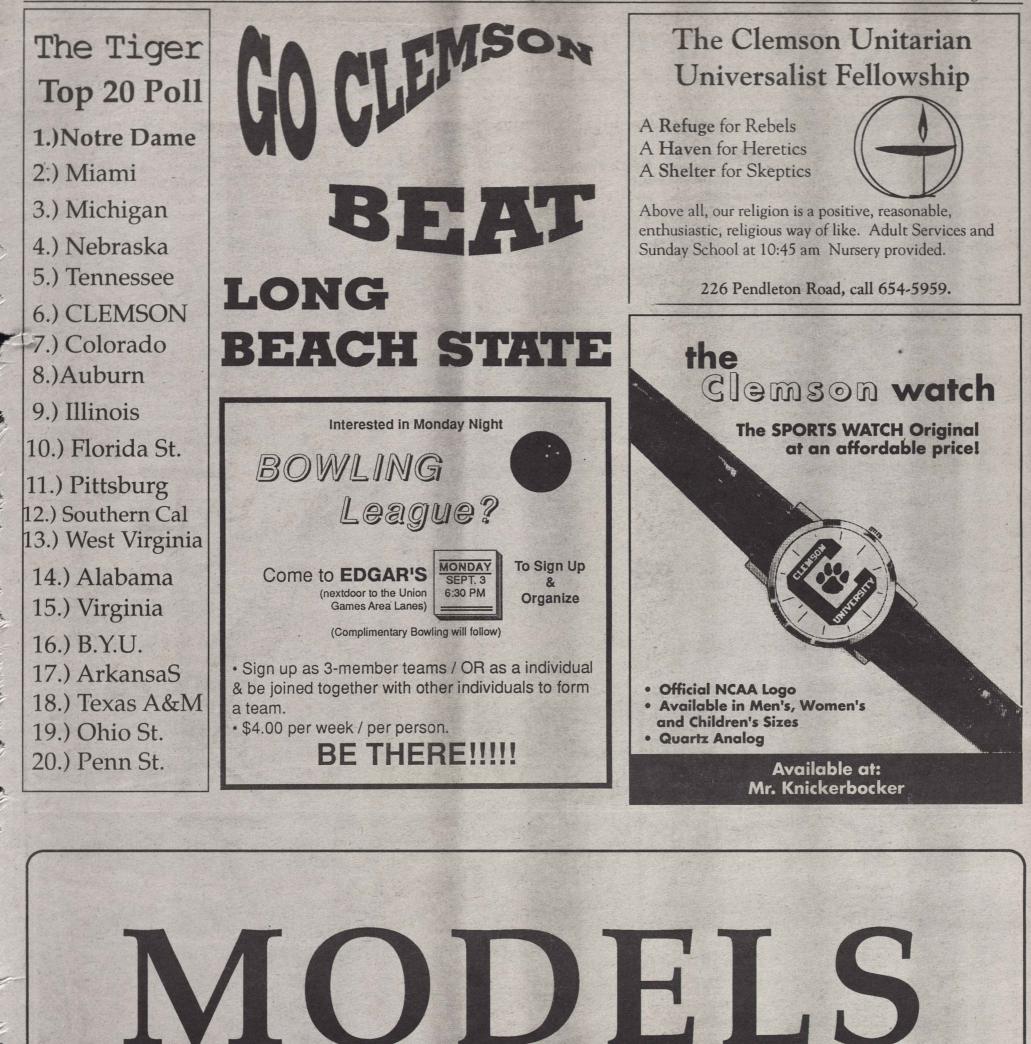




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August 31, 1990

The Tiger



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THE TIGER NEEDS MALE AND FEMALE STUDENTS FOR A SPECIAL SPRING FASHION ISSUE

For information contact the Photography staff at: 858-8684

Matton, Call The Mirco Center At 656 3714

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The Tiger

August 31, 1990

Campus Bulletin

announcements

Applications are now available for scholarships to be awarded to undergraduate students during the Make-up Scholarship period for the 1990-91 academic year. The deadline to apply is November 1, 1990. Applications are available in the Financial Aid Office located in G-01 Sikes Hall. Students who previously applied for scholarships for the 1990-91 academic year by the March 1, 1990 deadline, will automatically be considered and need not reapply. To be considered for need-related scholarships a Financial Aid Form should be submitted at least four weeks prior to the November 1, 1990 deadline to allow ample time for processing. Students who have a current Financial Aid Form on file at Clemson University are not required to resubmit.

The Clemson University Botanical Gardens Volunteers are sponsoring a fall plant sale. Order forms are available

Red Caboose in the Garden from 8:00 a.m. to 3:00 p.m. They are also available from the Framery in Liberty and Pendleton, Lynch's Drug Store in Clemson, Thee and Me Health Stores in Seneca and Easley, and the Pendleton Oil Mill in Pendleton. All orders are prepaid and the deadline for orders is September 20. The plants will be delivered on September 30 from 1:00 p.m. to 5:00 p.m., at the Red Caboose in the Botanical Gardens. For more information call Betty Cruickshank at 654-1526.

from volunteers and at the

Now forming a discussion group to focus on Eastern and occult religions. All viewpoints welcome. Organizational meeting is set for the evening of September 5. Interested parties call 654-6639 for details.

"Good Stuff" Boxes--A \$20 value. Free to all Clemson students. The Student Alumni Council and Alumni Association gave away over 5,000 "Good Stuff" Boxes during Welcome Back Weekend. The "Good Stuff" Box is packed full of national, namebrand products that everyone considers necessities. Toiletries, snacks, cosmetics. We have a few boxes left at the Alumni Center so drop by between 9:00 a.m. and 4:00 p.m. on Monday, September 3 ONLY. Limit one per student.

for sale

For Sale: Baseball, Football and basketball cards. Call Dean at 654-9240 or write Box 2002 for price list.

FOR SALE: black, leather miniskirt, size 8, perfect condition. \$30.00. 654-6639.

FOR SALE: 1980 Plymouth Champ Custom twodoor hatchback, 1.6L with power stick, AC, luggage rack, cassette, 30MPG, one owner, immaculate, \$1295. 654-1434.

Phoenix Fiber Cookies: I

Chocolate Chip, Oatmeal Raisin, Vanilla. \$22 per case. Call 858-8083.

help wanted

Publications Associate: Reporting, editing, photography, design, PageMaker experience. Part-time. Excellent opportunity and pay. Call David Bill, 654-7932.

COLLEGE REP WANTED to distribute "Student Rate" Subscriptions cards at this campus. Good income. For information and application write to: Collegiate Marketing Services, 303 W. Center Avenue, Mooresville, NC 28115.

CAMPUS SALES REPRESENTATIVE FOR T-shirt screen printing business. Commission basis. Contact Rankin Hobbs (404) 618-3003. Monday-Friday 8:30-5:30.

ATTENTION: Excellent income for home assembly work (504) 646-1700 Dept. P5158. EARN \$5.25 PER HOUR calling for prestigious colleges and universities. Part-time three to five nights a week. Call Shawn Hall at Fund-Raising and Management Counsel for more information. 231-7104.

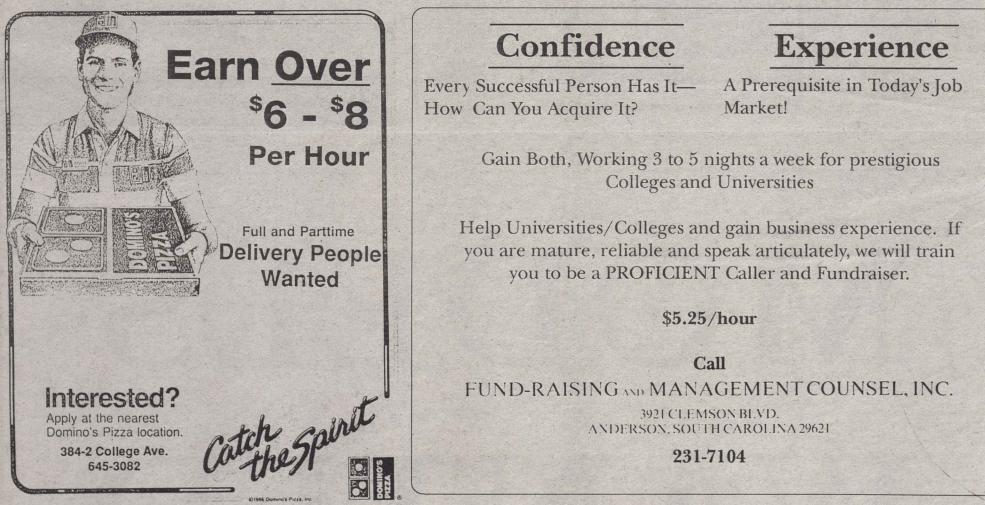
Chiefs Wings and Firewater Now Hiring! Waiting staff and bartenders. Apply in person Monday through Friday 2:00 to 6:00 p.m. Excellent pay! Flexible hours. 3901-Clemson Boulevard, Anderson, SC. 225-1354.

housing

Apartment: University Ridge-Girls-Call 235-1264 or 288-4169.

miscellaneous

PARENTS: After School Sitter. Responsible, Sixth-grade honors student will ride bus from Morrison with your child. Stay until 4:45 p.m. Monday through Friday. Call Linda 656-2877 afternoons.



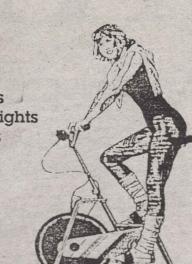
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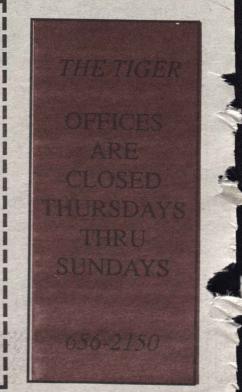
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Defending the Rock! Clemson's outside linebackers, Ashley Sheppard, John Johnson, Levon Kirkland and Wayne Simmons, hope to reclaim the ACC title.

Page 2B

The Tiger

Ken Hatfield Perfect Choice To Bring Sparkle To Tarnished Tiger Football Image

By David Thomas sports editor

Whoever said, "Nice guys finish last," never met Ken Hatfield. Coach Hatfield has brought a new, clean and refreshing image to Clemson, along with the winning tradition and hard, work-ethic attitude that he developed as head coach at Arkansas.

Even his players think he is nice, which is a rarity in a brutal and demanding sport like football.

"I'm having a good time with Coach Hatfield's way of playing football. He's nice and everything," remarked outside linebacker Levon Kirkland with a small grin.

But don't get the wrong idea about Hatfield. His pleasant demeanor doesn't mean his coaching methods are soft by any means. Coach Hatfield has introduced some new practice techniques to Clemson football that are somewhere along the lines of pure tourture. With his arrival to summer practice, Hatfield brought his idea of the ultimate practice day.

Three-a-days. The name itself sounds quite harmless to normal individuals, but just mentioning three-a-days to Clemson football players brings back horrible memories of the first week of summer practice.

"Three-a-days were like a living Hell. It was hot, and the guys weren't used to going through threea-days. Three-a-days were something I had never gone through. In high school I had been through twoa-days, and man I thought twoa-days were the end of the world. (During three-a-days) I felt like I was going to die a few times," groaned starting quarterback being out on the field," commented Hatfield.

While most players are glad to see the end of three-a-days and look forward to easier practice days, at least one player was stimulated by Hatfield's intense practice sessions.

"I think he drives us a little bit more than I thought he would, and that really satisfies me because he wants you to work hard and he's out there working you hard," Kirkland said.

Along with the three-a-day changes, Hatfield has introduced an unprecedented "no-cussing" policy during practice to promote a better image for his coaching staff and his players. Many coaches feel that cursing at players helps motivate them, some even feel that cursing and football go hand-in-hand, sort of like pizza and beer or hot dogs and baseball. But Hatfield has a different approach to motivation, and many of the players feel Hatfield's policy will bring positive results down the road.

But will these changes bring positive results in the future?

The best measuring stick for future success is to look at someone's track record from the past, and coach Hatfield has quite a distinguished one at that.

Hatfield's success began as a player at Arkansas where he helped the Razorbacks reach an 11-0 season goal with a win over Nebraska in the 1964 Cotton Bowl. The undefeated Razorbacks were voted National Champions by the Football Writers Association after the victory.

Hatfield's individual accomplishments as a player were as great as those of his team as Hatfield was named an Academic All-American, visit to the Independence Bowl and a final AP ranking of 13th. For his outstanding accomplishments in 1983, Hatfield was honored with the national Coach-of-the-Year Award and was given a chance to return to his alma mater as head coach.

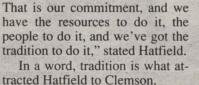
Hatfield gladly accepted the offer to rejoin the Razorback team, and in the six years he spent as head coach at Arkansas he compiled a 55-17-1 record. His most impressive seasons came in 1988 and 1989 where he guided his team to two 10-1 regular season records and backto-back SWC titles.

So why would a coach want to leave such an established program so near and dear to his heart (not only did Hatfield go to school at Arkansas, but he also was born a Helena, Arkansas native in 1943), especially if it meant moving into a quite unfriendly neck of the woods.

If you can remember, the forced resignation of coach Ford brought forth a tremendous outrage from the public, so much so that a pro-Danny rally turned into an ugly anti-Max Lennon march to the President's home. All of this happened before any announcement of new coach Ken Hatfield, so coach Hatfield should have expected some angry sentiment upon his arrival.

When it came right down to it, Hatfield was attracted to Clemson for the same reason the Clemson administration was attracted to Hatfield.

Hatfield was amazed at the incredible support and attention given to the Clemson football program by the fans, the players and the IPTAY members alike. Hatfield knew that everyone in Clemson would work extra hard to improve the football



Coach Hatfield answers questions during media day.

The Clemson administration was amazed at the incredible support and attention given by Hatfield concerning his players' academic records. Even more importantly, the Clemson administration knew that after two probation periods in the last ten years due to NCAA rules violations, Clemson needed more than just an excellent coach to lead the Tigers into a new decade of football. Clemson needed a good, clean, wholesome coach who could provide a new moral character for everyone to follow. Hatfield fit the bill through and through.

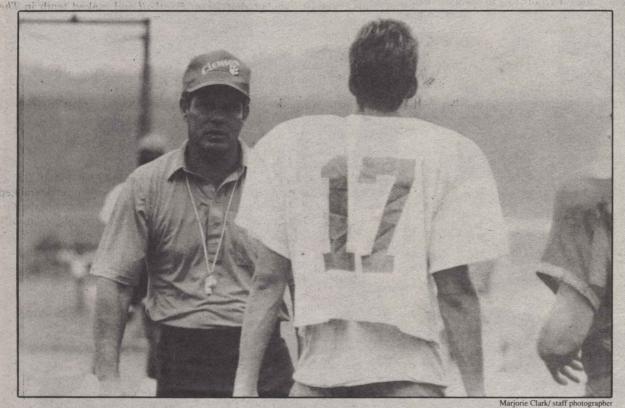
As a devout Christian who reads The Bible on a daily basis, Hatfield was the perfect choice to project a favorable image over a tarnished Ford-Era, an era filled with wins but splotched with embarrassing takes when they started out coaching trying to coach like Coach Bryant and they couldn't do it.

"More than anything else, you've got to be yourself," reasoned Hatfield.

All in all, Hatfield has remained pleasantly calm and positive through the storm of the Danny dismissal. And even though he has eventually swayed the majority of the Ford supporters in his favor, a few of the more stubborn (and vocal) ones have let coach Hatfield know exactly how they feel.

"The support (at the IPTAY meetings) was phenominal. We had record crowds everywhere we went. There were some people who just came to browse and take a look, though. They didn't all jump up there and pat (me) on the back.

"There was one old lady who said, 'Quit being so nice to me, I don't want to like you.' I said, 'I can'thelp the way you think ma'am, but you showed up tonight and you wore orange so I love you," Hatfield said with a chuckle.



Coach Hatfield instructs a player on some of the finer points of the game.

DeChane Cameron.

A normal three-a-day practice would consist of getting up in the morning to practice for a few hours and then return to the dorms. When noon would roll around, the players would suit up again and return to the practice field for more drills in the blistering heat of the noon sun. The third practice session would take place sometime in the early evening when the heat had resided.

Hatfield's philosophy behind the three-a-day practices is that it will

allow the players to better handle the heat associated with the 1:00 pm game times.

"I wanted them to get out there for about an hour and a half during the middle of the day so they understand what the peak heat's about and understand what it feels like was chosen as an All-Southwest Conference pick in 1964 and was presented with the Outstanding Student-Athlete Award by Arkansas in '65.

Football remained as Hatfield's first love after graduation, so he decided to pursue a career in coaching. Hatfield started out at the high school level and slowly climbed the coaching ladder to offensive coordinator for Air Force in 1978. The following year, Hatfield was handed a tired and desperate Air Force team in his first head coaching job, and after three years of rebuilding, Hatfield had assembled enough talent in 1982 to put together an 8-5 team and to secure Air Force's first bowl bid in 11 years.

Air Force continued improving under Hatfield's guidance in '83 as the Falcons posted a 10-2 season, a program in Death Valley.

"We've got a program (at Clemson) that we have all the resources to be second to none in the nation as far as a young man coming to Clemson University and growing and being the best he can be mentally, physically, spiritually and emotionally. He can enjoy the greatest thrills of his life as a student - it's very evident because the students who go here love going to school here - as a football player you can't ask for a better environment than you've got for playing here - the fans, the travel support. the bowl games and every great thrill of preparation for professional football.

"Any young person who comes here can never look back and say, 'I wish I had gone somewhere else. I could have been better prepared.' NCAA investigations.

No other coach in America would be better for the whole improvement of Clemson University at this point in time. Sure, there might be a few coaches out there who have better records on the field, but most of those are over the coaching hill and are closing in on retirement. At 47 years of age, Hatfield is neither green around the horns nor gray around the hair.

But coach Hatfield doesn't exactly fit that tobacco-chewing farm boy image of past coaches here at Clemson, and even though he seems to enjoy wearing his newly-acquired orange pants, overalls are probably not the most abundant piece of clothing in his wardrobe.

Should he change to fit in with tradition, as some might ask? And what about the critics who will say, "Danny would have done it this way?"

"I'm not Danny and I never will be. If anybody learned anything in the history of football, it is that there is only one Coach Bryant. I think a lot of coaches made misEven if Hatfield has yet to be accepted by all of those orangeclad fans, he has begun to call Clemson home. When asked if anything stands out in his mind as a symbol of how important football is to the community of Clemson, Hatfield mentions the most obvious landmark.

"You keep it in perspective when you look out at a town of 8,000 and a stadium of 83,000. At night time when I'm driving home and the lights are on, I can see it (the stadium) on the other side of the lake sticking out. It kind of dominates..."

"I love it here. I look out my window and see the big paw," smiled Hatfield, with a look of satisfaction.

Even if we can't quite foresee what the 90's hold for Clemson and Coach Hatfield, one thing is for sure - the big paw will press on and endure through all of the changes of the new decade, the new decade that will hopefully bring a muchneeded new image to Clemson.

by David Thomas sports editor

Forget Barnyard Burn. Bulldog Bash is back.

The Scene: A warm September day in 1986 at Sanford Stadium in a little town called Athens.

The Teams: Clemson visiting Georgia

The Situation: As time on the scoreboard begins to dwindle down to the last few seconds, it looks as if the game will come to a close with a tie, 28-28. But Clemson still has one hope left. With only a few seconds left in the game, a David Treadwell field goal from 46 yards out would put the Tigers on top for the win. The snap is on target, the kick is up, and IT'S GOOD!!!!!!!

Treadwell's last-second game saver would go down as one of the most fantastic finishes in Clemson football history. After such a spectacular battle in 1986, surely the 1987 meeting between the Tigers and the Bulldogs would be "anticlimactic," or so they said. Wrong. Dead Wrong.

The Scene: A warm September day in 1987 at Frank Howard Field in a little town called Clemson.

The Teams: Georgia visiting Clemson.

The Situation: With under seven minutes to play, Georgia up 20-16 and a fourth-down situation looming over the Tigers' head like a dark cloud ready to rain on Ford's parade, Clemson's hopes of a repeat victory over the Bulldogs begin to fade away into the distance. Punter Rusty Seyle boots a 43-yard punt that begins to roll towards the endzone but is downed on the Georgia one-yard line.

The Tiger defense, surging with new life, sacks Georgia's James Jackson in the endzone for a safety to pull the Tigers within two points of a tie. The Georgia free kick leaves Clemson with the ball on their own 42-yard line and a little over five minutes showing on the clock to make one last score. Coach Ford's troops march 53 yards to the Georgia 5-yard line, and as time expires, David Treadwell's chip shot from 21 yards out gives Clemson its second consecutive win over a demoralized Bulldog squad.

The renewal of the Georgia-Clemson rivalry this season will have all the normal hype associated with any big game, but the cruel and unusual deja vu that the Georgia team felt on that afternoon day in Death Valley makes this rejuvenated competition even more special.

The stunning defeats will not be forgotten. The Bulldogs will be returning to Death Valley with vengeance in their blood.

But what has changed in this rivalry?

The first obvious change has been at the head coaching position for both Georgia and Clemson. The 1989 season brought an end to the greatest coaching career in Georgia's history as Vince Dooley stepped down from the coaching platform to concentrate solely on his athletic director responsibilities.

Coach Dooley ended his career with a 201-77-10 record and six Southeastern Conference championships. The only coach to better Dooley's mark of six SEC titles was the legendary Bear Bryant.

Dooley's departure left the controls to protege Ray Goff. Goff's coaching career started in 1977 as Graduate assistant coach for the Bulldogs, but by no means were Goff and Dooley strangers before Goff's arrival as assistant coach.

Goff had played for the Bulldogs from 1974 to 1976, and during Goff's final year as the Bulldog quarterback, Goff led his team to a 10-1 regular season record to capture the SEC championship.

At age thirty-five (third young-

est Division I head coach), some say Goff is a little green when it comes to coaching, but his youthful enthusiasm and his ability to lead as a player will make up for his lack of experience.

Goff struggled a bit in his first year as head coach last year, posting a 6-5 regular season record, but tough losses to USC by four points, Tennessee by three points and Ole Miss by four early in the season makes the record a little misleading.

Goff's team was impressive enough, however, to secure a bid to the Peach Bowl. But a seasoned Syracuse team edged the Bulldogs 19-18 on a last-minute field goal.

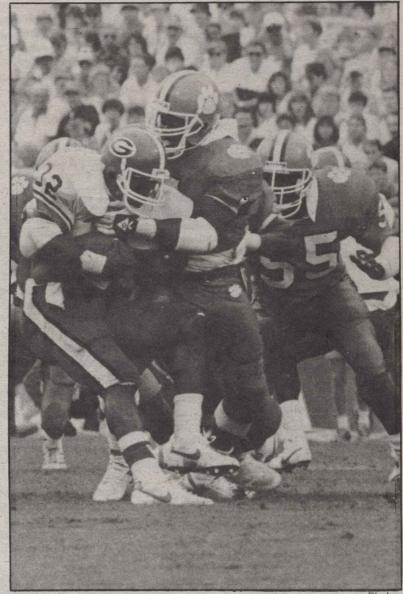
Can we expect the same spectacular finishes in a time where spectacular finishes are hard to come by?

Probably not. But we can expect the kicking game of both teams to play a crucial part in deciding the final outcome.

For Clemson, David Treadwell's All-Pro thigh is replaced by that of Chris Gardocki, the All-Pro pick for the projected 1995 Sports Illustrated All-Pro Team. Their names and numbers might not be the same, but both have the ability to come through in the clutch.

Although the last two Bulldog-Tiger match-ups failed to produce a hero from the Georgia kicking squad, this year could prove differently. John Kasay nailed 19 field goals out of 24 attempts last season for Georgia, and he boomed six of seven attempts from beyond the 40yard line. With this being his last year, Kasay should have the poise and confidence to have a repeat performance of last year.

With tailback Rodney Hampton by-passing his last season at Georgia for a more lucrative career in the NFL, Goff will look to returning quarterback Greg Talley for air support. Talley racked up 1330



Clemson will rely on defense to stop the Bulldogs.

passing yards and six touchdown passes in the '89 season, and with his two wide receivers returning from last year, Talley will have plenty of able hands to throw to. (I know, I know, I ended that last sentence with a preposition).

Defensively, the Bulldogs are youthful but solid on the line with two superb outside linebackers in Morris Lewis and Norman Cowins. A veteran secondary will complement the strong defensive line to give Goff a balanced defensive attack.

So is this renewed rivalry as good of an idea as it might seem?

On the surface, adding Georgia to Clemson's schedule was an excellent way to increase excitement about a rather boring non-conference schedule.

Take Long Beach State for instance. The Clemson fans (most of them, anyway) will lose interest by the second quarter after Clemson posts a 21-point lead going into the locker room at the half. With all due respect to head coach George Allen (and believe me, he deserves a lot of it after such a distinguished coaching career), Long Beach State just cannot match up with Clemson. Period. With every new team on a schedule, there is always an old one being tossed out the door. Say goodbye to Florida State (ranked third nationally in *Don Heinrich's College Football* and ranked tenth in *The Sporting News*).

We finally stumble upon the downfall of the renewal, or at least the downfall of college football itself. Without a playoff system determining the national champion, each team must be careful not to schedule too many outstanding teams in fear that even one loss could spoil hopes of a national championship.

Prime Example: Notre Dame. The Irish whipped Colorado (ranked No. 1 before the game) in the Orange Bowl 21-6 in '89. Naturally the Irish take the National Title, right? Guess again. Notre Dame tried to tackle eight bowl teams (four of which were eventual conference champions from the ACC, Big Ten, Pac-10 and Big Eight) during its regular season in 89, and because it fell to Miami (important fact: loss was in front of a Hurricane home crowd), Notre Dame was denied the title. But until we see a change in the way things are played in college football today, we can only be thankful that Osceola was replaced by Uga the Bulldog and not the Penguins of Youngstown State.



Treadwell's classic kick will be well remembered as The Kick II.

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2:30 p.m.

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So it appears that the Bulldogs of Georgia will bring fire and frenzy to Death Valley, but at a cost.

MODELS WANTED THE TIGER NEEDS MALE AND FEMALE STUDENTS FOR A SPECIAL SPRING FASHION ISSUE For information contact the Photography staff at: 858-8684

Offense: Young backs follow a veteran line

by David Thomas sports editor

Page 4B

The Powerline of '89 is back in full force to wreak havoc on opposing defenses this year and will be the focal point of a talented Tiger offense.

Stacy Long returns for his senior year to anchor the strong offensive line at the right tackle position. Long receieved All-America Honors last year from The Sporting News after setting a Clemson record for knockdown blocks at 66 last season. Already this season Long is rated as the best offensive lineman in the country by The Sporting News, and four other sporting publications have chosen Long as a pre-season All-America tackle

Long's counterpart at the left tackle position performs as well in the classroom as he does on the field. Bruce Bratton's 3.5 gradepoint average in Industrial Engineering earned him Academic All-ACC honors, while games like USC (six knockdowns, 73 percent grade) and West Virginia (four knockdowns and 72 percent grade) earned Bratton the starting role at left offensive tackle for 1990.

Mike Brown will step up to fill Hank Phillips' shoes at the Center position, a task not easily done (Phillips was an '89 All-ACC selection). Brown has seen playing time in nine of Clemson's 12 games last season, and his performance as a reserve was impressive enough to win him second-team preseason All-ACC status.

The guard positions for Clemson are occupied by some of the best in the conference as Eric Harmon and Jeb Flesch both return with outstanding accomplishments from last year. Harmon received first team All-ACC honors and honorable mention All-American by the Football News in 1989 as a junior and has been selected to the 1990 preseason All-ACC team. Flesch was a second team All-ACC pick last season, and with two one more year of eligibility after this season he could very well be a first teamer by graduation.

Hatfield will hope for a repeat performance both from Harmon and Flesch when the Tigers clash with Virginia. Both guards had the best career game last season against the Cavaliers as Harmon recorded 13 knockdown blocks and Flesch boasted 11 knockdown blocks.

Another standout in last year's match up with Virginia was 1988 and 1989 First Team Academic All-ACC tight end Stacy Fields. Fields grabbed three catches for 26 total yards, powered seven knockdown blocks and graded at 90 percent for the day against the Cavaliers.

The biggest question marks about the Tiger offense lie in the backfield. With all three starters at the quarterback, tailback and fullback positions gone, many people are wondering how productive the Tiger offense will

Hatfield will call upon DeChane Cameron

to pilot the Clemson offense at quarterback this season. Even though Cameron saw limited playing time behind Chris Morocco last year, he did manage to hone his quarterbacking skills in a few of the games last year. His best performance came in the second half of a losing effort to Georgia Tech when he connected for 15 out of 23 passing attempts for 195 yards. For the year Cameron completed 66.7 percent of his passes for a total of 435 yards.

The Tiger

Freshman Richard Moncrief will be called upon to back up Cameron at the quarterback slot.

"Our quarterbacks have come a long way in a short time. DeChane Cameron and Richard Moncrief both had good springs and both show great improvement. They should both be ready to play and play well in the first ball game. At this point, DeChane has the edge because of the experience factor, but we are planning to play both of the quarterbacks," Hatfield said.

The loss of Joe Henderson from last year's squad, not to mention Terry Allen's decision to turn pro a year early, has left a big void at the tailback position this year for Hatfield. Henderson led the Tiger rushing attack with 848 yards on 178 carries, while Allen's knee problems kept him at 613 yards on 124 car-

The top returning rusher at the tailback position is Reggie Lawrence with 140 yards on 36 carries, but freshman Rodney Blunt appears to be Hatfield's favorite going into the opener against Long Beach State.

"To build a championship team, we will need to shore up a solid rushing attack and right now we don't have the depth we would like to have right now," commented coach Hatfield.

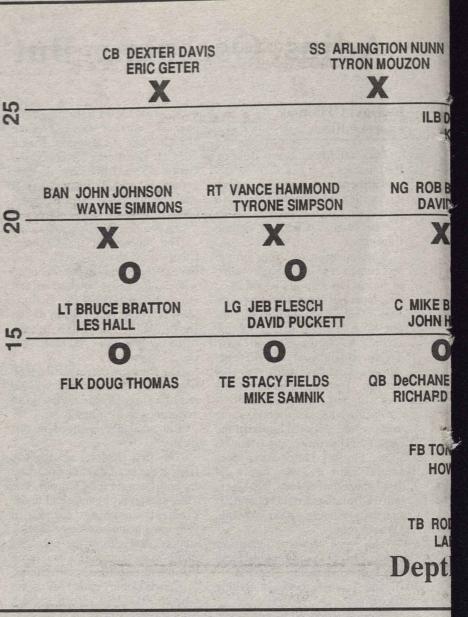
The fullback position is also in need of a bull to take on the blocking chores. Wesley McFadden's departure leaves the duties to Tony Kennedy and Howard Hall. Kennedy returns with 184 yards on 30 attempts while Hall carried the ball 10 times for 64 yards.

Rudy Harris will also be in the running for the starting job at fullback for the Tigers, and although he lacks the experience of Kennedy or Hall, he "...should be a prime contender,' according to Hatfield.

Another question mark in Hatfield's offensive play book concerns the wide receiver positions.Rodney Fletcher and Gary Cooper combined for 64 of Clemson's 117 catches last year, but neither of the two will be returning to the 1990 squad.

Doug Thomas is the top returning wide out with eight receptions for 105 yards. Robbie Specter and Stacy Lewis are the other two returning lettermen at the flanker position, while freshman Terry Smith shows promise at the wide receiver position as well.

"We would always like to have five or six wide receivers ready to play and I think last spring showed us that we have a group of guys who will be able to play well," remarked Hatfield.





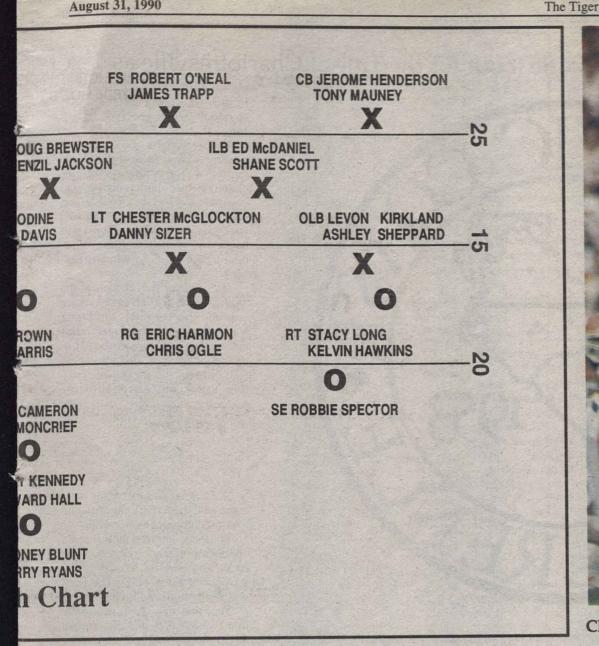
DeChane Cameron hopes to slip past opposing defenses in 1990.

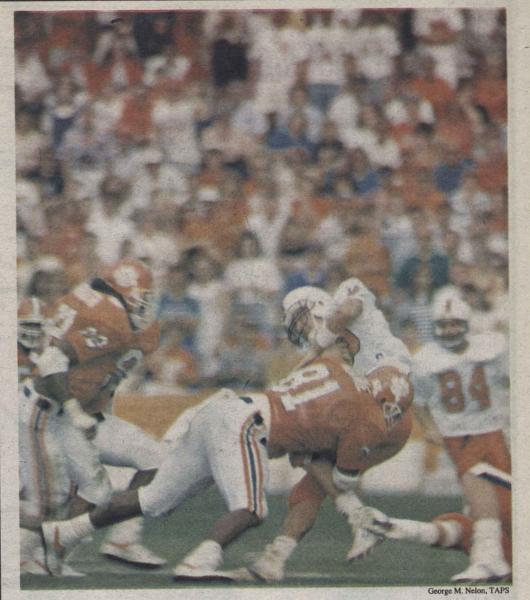
1990 FOOTBALL SCHEDULE



Reggie Lawrence will carry some of the load at tailback this year.

September	1	Long Beach State (Youth Day)	1:00 p.m.
September	8	at Virginia	4:00 p.m.
September	15	at Maryland	12:00 p.m.
September	22	Appalachian State (IPTAY/Parents' Day)	1:00 p.m.
September	29	Duke (Homecoming)	12:10 p.m.
October	6	Georgia (Spirit Blitz)	1:00 p.m.
October	13	at Georgia Tech	12:10 p.m.
October	20	at N.C. State	12:10 p.m.
October	27	at Wake Forest	1:00 p.m.
November	3	North Carolina (Hall of Fame Day)	12:10 p.m.
November	17	South Carolina (Barnyard Burn II)	1:00 p.m.
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Clemson's defense will have to perform flawlessly against UVA.

Defense: Levon Kirkland and the Linebackers are the key to Clemson's success

by David Thomas sports editor

LOADED ... ROCK SOLID ... MENAC-ING.

Just three of many words that can be used to describe the defensive power Hatfield has inherited. Clemson's defense has been associated with the best defenses in the country, and it will be no surprise to anyone when (not if) the Tiger defense leads the ACC stat book this year.

The only question mark in the entire defense is whether or not two of the starting players will be suspended from any games as a result of disciplinary problems off the field.

The center of the Tigers' defensive strength lies in the linebacking unit, a unit believed by many to be the best in the land. The Sporting News ranked the Tiger linebacking corps as "the nation's best contingent of linebackers, a unit so talented and deep that Clemson could stock probably two teams with starters."

This potent unit is headed by emotional and physical leader Levon Kirkland. As a freshman against Maryland in 1988, Kirkland finished the day with 13 tackles (three were for a loss), a sack and an interception to emerge as one of Clemson's most talented players. Kirkland continued to improve in

All-ACC and MVP of the 1989 Mazda Gator Bowl.

"We have a great defense all around, but the heart of a defense should be the linebackers. People are looking at us (the linebackers) now to be the leaders, and that's what we have to do - step up and be the leaders," remarked Kirkland.

Of the four linebacker positions on The Sporting News' preseason All-ACC team, Clemson players have been named to all of them. Kirkland was the obvious shoe in for the first spot at Outside linebacker and was even given the distinction of being named the Defensive Player of the Year for 1990.

Senior John Johnson, a 1989 Second-Team All-ACC selection, was named to the other outside linebacker position.

"The outside linebacker spot this year is the strongest position I have coached in quite some time. There is so much talent and strength and quickness there," stated Hatfield.

The All-ACC inside linebacker positions were filled by Doug Brewster and Ed McDaniel. Brewster was another 1989 All-ACC selection that returned for his last year of eligibility at Clemson. Even though most of the media limelight is given to teammate Kirkland, Brewster has been recognized as

1989 and was eventually named First Team the fourth best inside linebacker in the coun- 32 percent of the plays for Clemson yet he try

McDaniel rose to the test as a freshman in the Citrus Bowl win over

Oklahoma by making 14 tackles to help the Tiger defense shut down a surging Sooner attack. The 1989 season was a little less rewarding as McDaniel was sidelined by a neck injury for the first half of the season. His performance in the 45-0 romp over South Carolina with nine tackles is evidence though that his injury has healed, and McDaniel will be back to help lead the Tiger Defense.

"We are really deep at inside linebacker also. Doug Brewster and Ed McDaniel are both quick, they're both tough, they go to the football and they have just done a great job."

Hatfield's interior linemen supply up-front strength that will be hard to penetrate. Soaring at a lofty 6'7", Vance Hammond will provide plenty of trouble for quarterbacks and runningbacks alike at defensive tackle. Hammond was honored as a 1989 First-Team All-ACC player and was named to Don Heinrich's 1990 preseason All-ACC Team.

Sophomore Chester McGlockton, tipping the scales at 310 pounds, will take over at the other defensive tackle slot. Although his playing time was limited, his accomplishments were not. McGlockton played in just

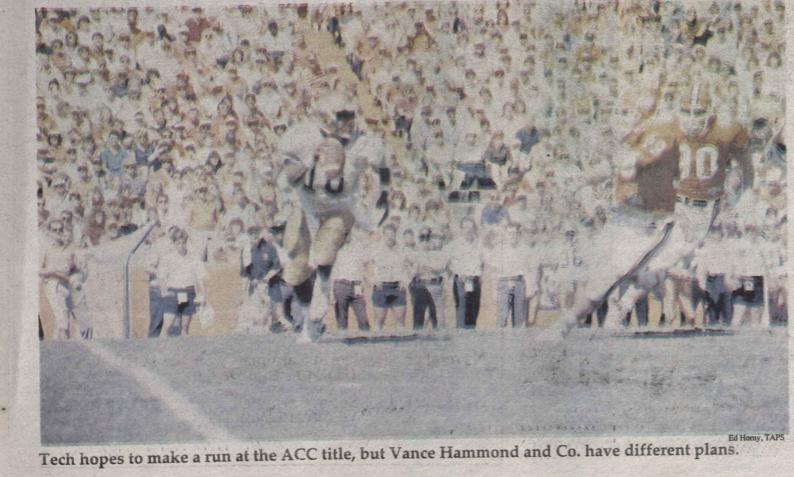
still led the Tigers in forced fumbles (3) and quarterback sacks (7). UNC felt McGlockton's presence when he had six tackles and two QB sacks and caused a UNC fumble in just 18 plays from scrimmage last season.

McGlockton's most memorable moment at Clemson came when he chased West Virginia Quarterback Major Harris towards the endzone, forced Harris to fumble the ball and then fell on it for a Clemson touchdown. Don Heinrich's also named McGlockton to the preseason 1990 All-ACC team.

The man in the middle of McGlockton and Hammond is middle guard Rob Bodine, and even though he is lacking in size compared to the two that surround him, he is as tough as steel when it comes to playing in the trenches. Bodine, at 6'1" and 245 pounds, switched last year from running back to the defensive middle guard position to lead interior linemen with 60 tackles for the season.

With so much strength up front and in the linebacking crew, one might think that the weak spot would have to be the secondary, but the truth is, THERE IS NO WEAK SPOT IN THE CLEMSON DEFENSE.

The secondary did lose free safety James Lott to the pros, but ACC Rookie-of-the-Year Robert O'Neal will have no trouble in replacing Lott. Even as a reserve last season, O'Neal still picked off eight interceptions to lead Clemson and the ACC in that ment. His stat was good enough to rank him tenth in the nation in interceptions. Arlington Nunn comes into the 1990 season as the starting roverback for the Tigers. A First-Team Academic All-ACC pick in 1989, Nunn suffered an ankle injury against the Wolfpack last year but was able to play in the West Virginia game. Nunn is back at 100 percent after resting during the off-season. Cornerback Dexter Davis returns from an excellent season last year in which he received All-ACC honors. Davis ranked as the 13th best cornerback in the preseason polls last year, according to The Sporting News and is a preseason All-ACC pick for 1990. The last starting member of this impressive secondary is Jerome Henderson, the Clemson leader in passes broken up with 14. Henderson's ability to play is often overshadowed by the achievements of his secondary teammates, but he will have to perform consistently up to his potential because offensive opponents will try to avoid Davis and work Henderson. "I really feel that we have great depth on our defensive team. They play well, they play hard and they've got a lot of pride. They don't want people to score or make big plays. They're exciting ... as exciting a bunch as I've ever been around," concluded Hatfield.



ACC Roundup: Clemson and Virginia will battle it out for the Title at Charlottesville as DUKE

After shocking the world with an embarrassing upset over the Tigers last season in what will be remembered as one of the worst coaching blunders of the hurry-up offense in Clemson history, the Duke Blue Devils can expect no mercy from a vengeful Tiger defense when they visit Frank Howard Field for Clemson's Homecoming game.

With ACC Coach-of-the-Year (1988 and 1989) Steve Spurrier flying south to take over the Florida football program, assistant coach Barry Wilson steps in to take control of the Blue Devil program.

The change at the helm has Duke fans and opponents alike wondering if the Blue Devils will continue to go to the air attack as in the past or utilize a powerful rushing game, but with the immense talent at both the quarterback and tailback positions, a balanced offensive attack will most likely take shape.

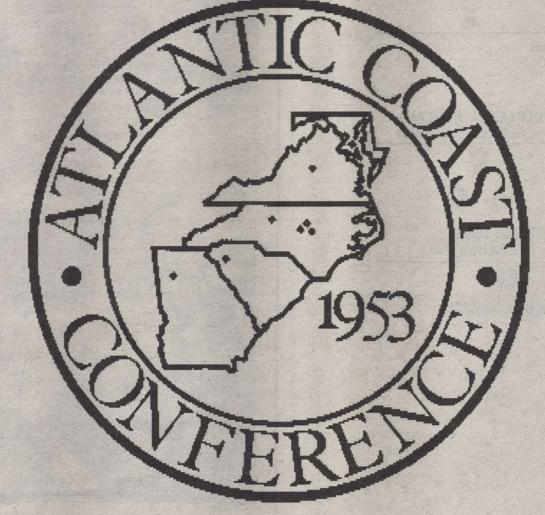
Duke's big guns at the quarterback slot are still battling it out for the starting job, but the pre-season favorite to run the offense is senior Billy Ray. After throwing for 2,035 yards and 15 touchdowns in Duke's first eight games of the 1989 season, Ray suffered a shoulder injury against Georgia Tech and was sidelined for the remainder of the season. Ray has recooperated during the spring and was selected for the pre-season All-ACC second team.

With Ray out for the last three games of last season. Dave Brown adjusted immediately to the starting role by passing for 1,296 yards and 11 touchdowns in the last three games to secure a conference championship for the Blue Devils. Brown will be back this year to provide excellent back-up talent for Ray, unless Coach Wilson sees it fit to start Brown over Ray.

Either way, Duke will have depth at quarterback this year, a depth that will prove to be essential for Duke's success. With only two starters returning to the offensive line, defenses will be hounding Duke's quarterbacks all season long. Both Brown and Ray will have to step up to the task and take some punishing blows this season. Injury will be inevitable.

With All-American wide receiver Clarkston Hines exiting stage left to the NFL, Ray's favorite target will be wide receiver Walter Jones.

The thoroughbred in the backfield for the Blue Devils is junior tailback Randy Cuthbert, who finished last season with 1,023 yards rushing and All-ACC honors. Cuthbert finished out the 1989 season stong, averaging 151.8 yards



The seasoned secondary stars freesafety Erwin Sampson who led Duke last season with 104 tackles. **Ouinton McCracken and Wyatt** Smith return as starters at the cornerback positions, and even though they both lack height (McCracken and Smith are 5'8" and 5'10" respectively), their quickness and strength will make the Blue Devil secondary one of the best in the ACC

Overall, Duke's offense will have to be highly productive if the Blue Devils are to post a winning season. Last year's team averaged 32.4 points per game, and a repeat performance is a must to support a weak defense that will crumble in the presence of powerful ACC offenses

Prediction: 6-5 overall, 4-3 ACC

GA TECH

After feeling the sting of the Yellow Jackets last year in a jolting defeat that gave Clemson its first Homecoming loss in 19 years, the Tigers will pack their bags to travel to the city of the south to face off against an even stronger Georgia Tech team than last year.

Tech's explosive quarterback Shawn Jones is back hoping to better his mark of 1748 yards passing in '89 as a freshman. With starting wide receivers Emmett Merchant and Bobby Rodriguez returning as well from last year, it seems likely that Jones' success will continue.

Stopping the opponent's running game looks to be a problem for the inexperienced linemen.

Tech has a talented young outside-linebacker in Marco Coleman who recorded 63 tackles and 5 sacks last year. Coleman's counterpart at inside-linebacker, Jerrelle Williams, returns as the tackling machine after connecting on 145 tackles in 1989.

The one standout on the Tech defense is free-safety Ken Swilling. As a sophomore in '89, Swilling frustrated quarterbacks and offensive coordinators alike as he ran away with 6 interceptions and posted 93 tackles. This year, Swilling returns as a pre-season All-ACC pick and a possible All-America candidate.

"My personal feeling is, if there's a better defensive back in the country, you'll have to show me," commented coach Ross about Swilling.

With quarterbacks Shawn Moore of Virginia, Billy Ray of Duke and Phil Barnhill of Wake, Swilling will certainly be put to the test this year.

After a period of pessimism in the 80's regarding Tech football, optimistic attitudes are finally surfacing about a football program that is emerging as one of the new powers in the ACC.

Prediction: 9-2 overall, 5-2 ACC

MARYLAND

Terrapin fans have little to cheer about this year with one of the toughest schedule slates in the country. The joy of a winning season has eluded the College Park crowd since the 1985 season, and with road games at West Virginia, Michigan, Duke, Penn State and Virginia, it looks as if Coach Joe Krivak will still be searching for his first successful season at Maryland come year's end.

Krivak will rely on an inexperienced offense with only two starters returning from last year. Maryland's runningbacks remain untested, with little support up front from a sub-par offensive line.

With the loss of Neil O'Donnell to the NFL, Scott Zolak will step in to control the quarterback position. Towering over most of his competition at 6'5" and 224 pounds, Zolak will have the strength to endure

punishing defenses. The questions lie in Zolak's talent to connect with standout wide receiver Barry Johnson.

The one bright side of a rather gloomy season is a verteran defense that returns nine starters, including two all-conference picks in defensive tackles Larry Webster and Karl Edwards. But the defensive strength falls far short of what will be needed for the struggling Terrapin offense to post a winning season

One plus for Krivak against the Tigers - home field advantage. After crushing the Terps 31-7 in Death Valley last year, the Tigers must make a long and lonesome road trip up to College Park this season. If Hatfield lets the mental intensity drop, there could be an upset (but by no means count on it).

Prediction: 3-8 overall, 2-5 ACC

NC STATE

N. C. State was by far the most emotional bunch in the Atlantic Coast Conference last season.

The Pack defeated their first six opponents easily, were atop the ACC, and climbed to 12th in the Associated Press poll. The Pack was flying high and loving life.

Then that high-flying team went into Death Valley and got crushed 30-10 by a Clemson team who wanted revenge for three straight losses N. C. State.

That's when the Pack experienced the other spectrum of emotion, dropping four of their next five contests to finish 7-5, including a 17-10 loss to Arizona in the Copper Bowl.

Can the Pack get back that highflying feeling for '90?

Two weeks ago junior tailback Anthony Barbour, expected to lead the Wolfpack in yardage this season, pulled his hamstring in practice and was redshirted, adding his name to an already overflowing injured list that includes a fullback, 2 wide receivers and four offensive lineman.

Tailbacks Tyrone Jackson, Aubrey Shaw, and Chris Williams will be expected pick up the slack for Barbour on offense.

Because of the offensive losses, N. C. State will rely on a defense that returns most of its players from an '89 squad that was second overall in the Atlantic Coast Conference last year.

The defensive secondary is solid, returning cornerback Joe Johnson

per game over the last six games of the season. If he can carry the momentum from last year into the new season, Cuthbert will be a dangerous threat to opposing defenses

Although the offense seems to show some promise for coach Wilson, the Achilles heel of the Blue Devil program lies in the defensive line and the linebackers. Duke's line is lacking in both experience and size as defensive tackle Preston Anderson returns as the only starter from the 1989 starting squad. Anderson also weighs in as the largest lineman for Duke at 260 pounds. To put his size in perspective, Clemson's two starting defensive tackles weigh in at 295 and 296 pounds, so it is quite obvious that size will be a problem for the Blue Devil defensive line.

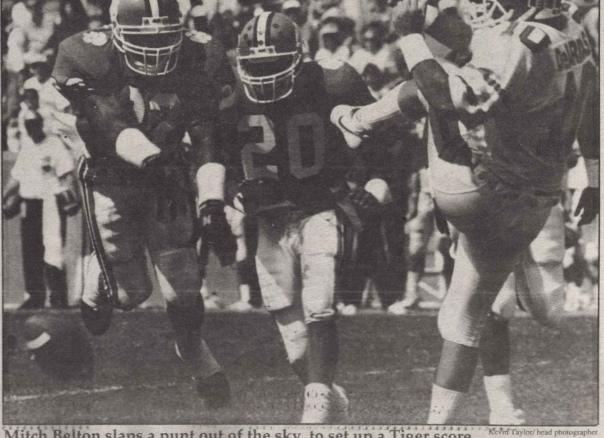
The linebacker situation looks to be even more depressing for Duke fans as their linebacking unit ranks rock-bottom in the conference (with one exception of course - Wake-Forest).

be called upon to carry the load.

Jones will be well protected by an experienced offensive line. The only position on the line that does not return a starter from last year will be right tackle, but head coach Bobby Ross has found someone big enough to fill the gap. Towering 6'7" and weighing in at 344 pounds, Mike Mooney will be called upon to fill the one vacancy on the line, and as the biggest player in the ACC, few doubt his ability to perform.

The one void in the Tech offense will be at the running back position after the departure of All-ACC tailback Jerry Mays. Coach Ross' first choice during spring drills was T.J. Edwards, but after Edwards stumbled onto an ankle injury in the spring, coach Ross might hand the starting job to untested sophomore William Bell.

To coach Ross' dismay, the With the defense struggling up Yellow Jacket defense will be soft front, the Blue Devil secondary will up front with the loss of four of the up front with the loss of four of the five linemen from last season.



Mitch Belton slaps a punt out of the sky to set up a Tiger score.

has large holes on the line to fill.

Wolfpack kicking should be in great shape. Junior Damon Hartman set school records for kicking points and total field goals in 1989 and senior Preston Poag returns after averaging over 40 yard a punt for a second consecutive season.

If all were healthy and fit-as-afiddle, N.C. State would be looking like an ACC contender. Instead, there's only mixed emotions about the '90 campaign.

Prediction: 6-5, 3-4 ACC

NORTH CAROLINA

After two seasons of starting freshmen and sophomores, the Tar Heels should bounce back from two straight 1-10 seasons.

Says head coach Mack Brown, "For the first time since we've been here, we'll have experience on both sides of the ball and on the kicking teams. If we have freshmen who play this year, they should be in backup roles."

The Tar Heels will rely most heavily on their defense, especially at linebacker. Junior linebacker Dwight Hollier, who led the ACC last season in tackles with 159, returns for North Carolina. He will be joined by Eric Gash and Tommy Thigpen.

On offense, the Tar Heels will have a starting quarterback with game experience for the time since 1987. Todd Burnett and Chuckie Burnette will compete with redshirt freshmen Steve Jerry for the starting spot this spring.

North Carolina will try to crank up a rushing attack that has had a long history of 1,000-yard rushers but none last season that surpassed the 500 mark. Leading candidates

and safeties Jesse Campbell, but for the tailback position are juniors 10-win regular season. Eric Blount and Randy Jordan.

A schedule that includes Miami of Ohio, Connecticut, and Kentucky at home will give Carolina the opportunity for more than one win this season.

Prediction: 4-7, 1-6 ACC

VIRGINIA

There's a first time for everything

Virginia Cavalier football quickly found that out last season when they had more than a few firsts. They received their first portion of the Atlantic Coast Conference title last year (shared the title with Duke), participated in their first-ever January 1st bowl game (against Illinois in the Florida Citrus Bowl), and had their first-ever

But even after all those firsts, there's still a few left they would love to experience.

One first is a victory over Clemson.

The Cavaliers are 0-29 against the Tigers, making it the longest such streak of one team over another in NCAA Division I football.

Virginia has been defeated by the Tigers in every way imaginable. The ugly: in 14 games Virginia was held under 10 points. In seven games they were shutout, including their worst defeat ever, a 55-0 thrashing in 1984. The bad: the Cavaliers would let a fourth quarter lead slip away into yet another loss. Most recently, a 14yard touchdown reception from Rodney Williams to Chip Davis in 1988 with 1:52 left in the fourth gave the Tigers a slim 10-7 victory.

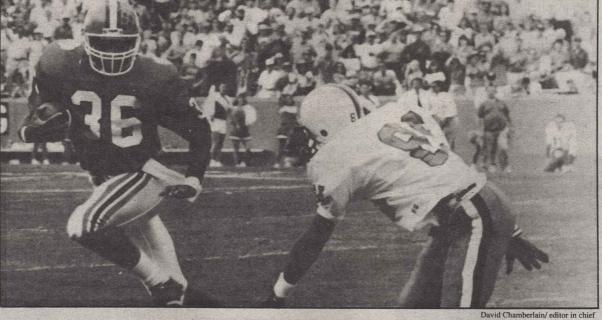
The good: Virginia could end it all this season. Good for Virginia, that is.

On September 8, Scott Stadium in Charlottesville, Va. will contain 42.000 fans that will cheer on 41 returning lettermen and 14 starters hoping to end a 29-year frustration.

Two of those lettermen returning that will be a key to any Cavalier win will be last year's Heisman candidate Shawn Moore, who is the only Division I-A player in the nation to pass for over 2,000 yards and rush for over 500 last season. Herman Moore (no relation) had a school record 10 touchdown receptions last season that covered an average of 34.1 yards per reception.

Another key returnee is all-ACC tight end Bruce McGonnigal who led the Cavaliers in receptions last season with 42.

Head coach George Welsh will



Left corner Jerome Henderson will have to shut down UVA's passing attack.

lead his troops into battle for the ninth season. Welsh has led the Cavaliers to their only three bowl appearances and has a 50-40-2 overall record.

For Virginia fans, this could be the season where the ugly and the bad is forgotten and forgiven, and the good is welcomed and celebrated.

Prediction: 9-2, 6-1 ACC

WAKE FOREST

Deamon Deacon fans rediscovered Wake Forest when head coach Bill Dooley arrived in 1987. Wake Forest's winning marks in 1987 (7-4) and 1988 (6-4-1) were the first back-to-back winning records at the school in 17 years.

So last year's 2-8-1 campaign was a great surprise to those Deacon backers, but 34 lettermen and 15 starters return for 1990 to give Wake Forest a brighter outlook for this season.

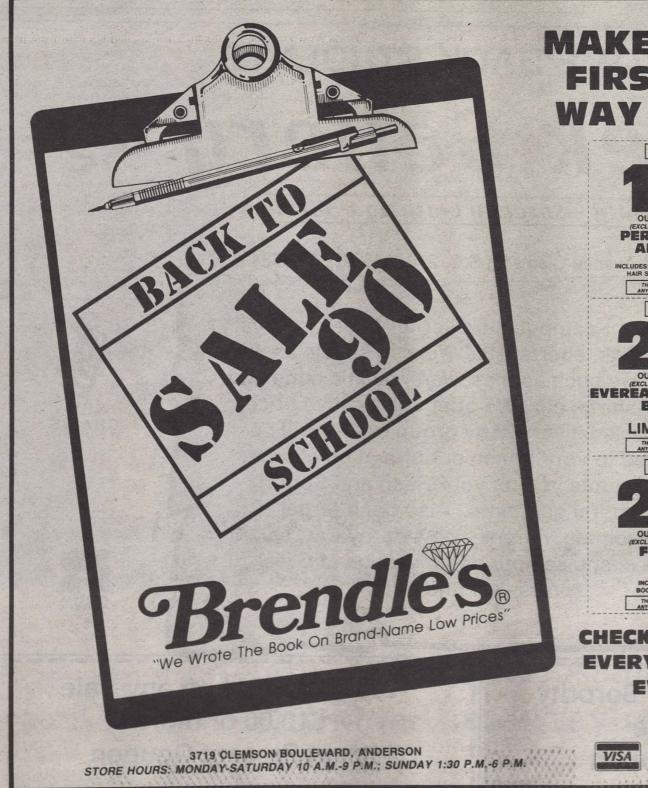
The nation's ninth ranked totaloffensive leader returns in quarterback Phil Barnhill. Barnhill threw for 11 touchdowns in his last five games and had 477 rushing yards for the season.

Barnhill will lead an offense that has seven starters returning. Anthony Williams, the team's leading rusher at 3.6 yards per carry, returns as well as fullback Bob Niebala.

The most experienced and talented of Wake's linemen is Robbie Lingerfelt, who will lead a young offensive line.

Wake Forest's secondary is basically intact from a year ago. Lineman Mike Smith and Marvin Mitchell, end Rudy Thompson, and safety Lamont Scales will help out the cause.

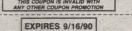
Prediction: 3-8, 0-7 ACC



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Game Suspension should not result from off-field disciplinary problem

Dexter Davis. 1989 First-Team All-ACC cornerback. Clemson secondary standout.

His teammates know him as "Double Dee" and "Double Sweetness."

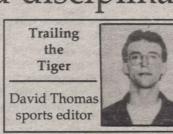
The Easley Police Department knows him as "Dee You Eye" and "Double Vision."

On August 4th at about 12:45 am, Highway Patrolman J.M. Bagwell pulled Davis on U.S. 123. Davis was arrested and charged with driving under the influence after he blew a .18 percent blood-alcohol content.

The Big Question: What type of disciplinary action, if any, will coach Hatfield take? Will we see Davis in the starting job at cornerback in the opener against Long Beach State?

Coach Hatfield isn't revealing the specifics of his plans, but he has made some enlightening comments on the subject.

"The main thing that I always try to do is to try to give help where help is needed. We've got certain disciplinary things that Dexter is going to have to do. My main thing when something happens like that



outside of football, when they haven't reported yet, the guy is the same as you. I told him, 'You've got to go by every law they've got,'" Hatfield said.

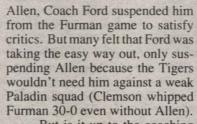
Hatfield's personal feelings about driving under the influence are strong and unconditional - so much so that Hatfield believes the present penalty, loss of one's driver's licence, is too lenient.

"You know how I feel about DUIs. I think the people ought to go to jail, because I think you're a loaded weapon. It's an area where we have senseless deaths on the road because of that," stated Hatfield.

Davis' situation is almost an exact repeat of what happened to star running back Terry Allen before the beginning of last season. Under public pressure to discipline



Simmons and McGlockton smother Major Harris.



But is it up to the coaching staff to add extra penalties above and beyond what the law will do?

Many people would say it is their responsibility to take stern actions because football players are representing the school and cannot be allowed to jeopardize a school's reputation through reckless and thoughtless actions. I used to be one of those people, but not anymore.

Dexter Davis is not an elected official, and even though he is in the public eye quite a bit, that is not reason enough to add extra punishment to a penalty that was set up to punish all people equally.

In no way am I condoning Dexter's actions, no am I excusing him from what he has done. I am only trying to say that Dexter Davis will pay his dues in court and in no way should his playing time on the field suffer.

In the parting words of Ken Hatfield, the whole idea of discipline is to "...do whatever it takes to get his attention so it doesn't happen again. Period. It's not trying to keep score - this guy did that, so he's going to miss a game. The idea of discipline is to get the guy's attention so he learns to grow and learns a guy can fail without being a failure."

Cover photo courtesy of Sports Information

USC on probation

by Dean Lollis managing editor

The off-season has been one of parallels for both Tiger and Gamecock fans. Both schools have come under the scrutiny of NCAA investigations. Both have felt the anxiety of decisions about the fate of their season.

Soon after Clemson fans learned of their fate from the NCAA invesigation, University of South Carolina officials and supporters had to start getting a little anxious about the fate of their own investigation.

What the University of South Carolina was worried about was the charges concerning the use of steriods by football players from 1983 to 1987 and the procurement and distribution of muscle-building drugs by former members of the Gamecock coaching staff.

"Regardless of what happens, if there's no bowl game or whatever, we've still got September 1," said Wright Mitchell, senior defensive end for the Gamecocks in the Anderson Independent days before the NCAA announcement.

"The NCAA can't say Duke can't come down here and play South Carolina at seven o'clock. We've still got to show up for that football game and the other 10," Mitchell said.

Before the announcement, ex-South Carolina Athletic Director Bob Marcum said before the announcement that steroids were "not the issue" in the school's dealings with the NCAA. He said the top issue involved ethical conduct at the school in 1987 relating to the school's drug-testing program.

Marcum said that at the meeting with the NCAA in Kansas City on June 22, the key discussion was about an athlete who continued to play football in 1987 even though he should have been ruled ineligible under university guidelines when he tested positive for drugs a third time. Marcum said that these drugs were not steroids.

Marcum, consequently, lost his job as athletic director over the problems with the schools drug testing program.

Then came the announcement. To the relief of South Carolina coaches, players and fans, the NCAA placed the school on probation-similar to the one it placed Clemson on-allowing the Gamecocks to appear on television and participate in bowl games.

Similar to the announcement in Clemson's investigation, NCAA officals cited South Carolina's cooperation with NCAA officials as one of the major factors in the decision.

The penalty South Carolina could have received would have been a minimum of two years of probation, including one year of bowl and live television sanctions.

Interim President Arthur K. Smith announced that this was the beginning of a new generation. Smith credited former president James B. Holderman with exercising institutional control and taking "prompt, decisive action" when it was apparent the drug-testing program was unsatisfactory.

Shortly after the announcement about South Carolina's probation, U.S. District Judge G. Ross Anderson eliminated the jail sentences of three ex-South Carolina coaches who were previously sentenced to serve six months in half-way houses following the steroid investigation. The three coaches have been placed on three year's probation.



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