



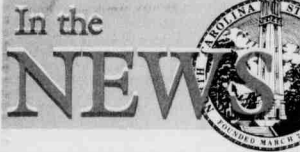
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# TECHNICIAN

Thursday  
September 9, 1999

Today  
Hi 90  
Lo 71  
Tomorrow  
Hi 88  
Lo 66

North Carolina State University's Student Newspaper Since 1920



## Easy Voting for Students

The Wake County board of elections is making voting for busy out-of-town students even easier.

"One-stop voting," a new voting procedure for the Oct. 5 election allows registered voters to simply enter the office, located at 339 South Salisbury St., and vote any time between Sept. 13 and Oct. 1. This new procedure allows voters 15 days to cast their ballots and is expected to increase turnout for this election, according to Wake County officials.

Voters wishing to request absentee ballots should do so by Sept. 28. These ballots are due Oct. 4 by 5 p.m.

Students have just one day left to register to vote and to change party affiliation or address. All changes and requests for registration must be made by 5 p.m. on Sept. 10.

For more information, contact the Wake County Board of Elections at (919) 856-6240.

## Careers for English Majors

The English department will hold its annual panel of employers in the area looking for English majors today at 4:30 p.m. in Tompkins room 123.

Those panelist include Lisa Coston, sports editor with *The Cary News*; Becky Felton, corporate communications and marketing director for Barnhill Contracting; John Lucy, corporate communications manager with IBM; and Eric Miller, vice president and associate creative director for Rockett, Burkhead and Winslow Advertising.

## NCSU Hosts 1999 Peanut Field Day

Research projects on a variety of peanut production issues will be displayed at the 1999 Peanut Field Day today at the Peanut Belt Research Station at Lewiston-Woodville.

NCSU scientists will be on hand to discuss peanut production and cultivation issues. The event is free and open to the public. The program begins at 10 a.m. with lunch set for noon. Tours are from 1:30 to 3:30 p.m.

The event is sponsored by the North Carolina Agricultural Research Service, the North Carolina Cooperative Extension Service, the North Carolina State University College of Agriculture and Life Sciences, the N.C. Department of Agriculture and Consumer Services and the North Carolina Peanut Growers Association.

For more information, call Tom Stalker at 515-2647.

## WORLD

### More Shocks Jolt Athens as Quake Toll Rises

More strong aftershocks jolted Athens Wednesday as the earthquake death toll rose to 64 and rescue teams searched for dozens of missing people still feared trapped under the rubble.

The Health and Welfare Ministry said the dead included 12 children, some killed when their nursery collapsed in the quake that shook the Greek capital Tuesday afternoon.

Another 1,557 people were injured, 25 seriously, and 50 were still missing after the quake, measuring 5.9 on the Richter scale, leveled buildings, trapping people inside.

Rescuers had pulled 100 survivors from the rubble by late afternoon Wednesday.

In one story of heroism, they said a 10-year-old boy was dug out alive from under a collapsed apartment building after his father held up a beam for over 24 hours to stop it crushing him. The father was still trapped under the building.

Environment ministry inspectors said 80 percent of about 1,100 buildings examined in the northern suburbs, the hardest-hit by the quake, were too damaged to be habitable.

## "QUOTEABLE"



"The Edge... There is no honest way to explain it because the only people who really know where it is are the ones who have gone over."  
- Hunter S. Thompson, 1965

## NCSU develops new 3-D model

◆ NCSU meteorologists Leonard Pietrafesa and Lian Xie created a 3-D model to provide coastal flooding forecasts to the National Weather Service during Hurricane Dennis

ANDREW BUCHERT  
Staff Writer

Scientists and researchers from N.C. State's

Department of Marine, Earth and Atmospheric Sciences recently announced that they have developed a three-dimensional hurricane storm surge model. The scientists claim that the model can accurately forecast coastal flooding based on current hurricane and topographical data provided by the National Weather Service (NWS) office, located on Centennial Campus.

NCSU meteorologist-oceanographers Leonard Pietrafesa and Lian Xie used

the model throughout the past two weeks to provide the NWS with flooding predictions along the North Carolina coast during Hurricane Dennis.

The model is based on an original model developed by Pietrafesa in the mid-1980s to study possible connections between atmospheric circulation and the patterns of certain fish in the sounds along the N.C. coast.

"In the process of develop-  
See Model, Page 2



Leonard Pietrafesa (front) and Lian Xie (behind) were the key players in the new 3-D model development.

## Caring for the Peace Corps

◆ N.C. State ranks number 10 on the list of top Peace Corps volunteer-producing universities as graduates go everywhere from Armenia to Uzbekistan.

SARAH E. MIRANO  
Assistant News Editor

Not all students graduating from college are anxious to face the elusive job market or dive into the competitive business world. In fact, many students, and certainly graduates of N.C. State, decide to devote their time and effort to volunteer opportunities with a humanitarian edge.

Currently, 30 graduates of the NCSU Class of 1999 are volunteers serving in the Peace Corps. A total of 289 NCSU alumni have served since the Peace Corps' establishment in 1961.

NCNU currently ranks number 10, tied with Duke University, in producers of Peace Corps volunteers from the Mid-Atlantic region. Other universities in the top 10 include UNC-CH, University of Virginia, Georgetown, James Madison and the University of Maryland.

NCNU volunteers have been placed in a variety of areas, including Armenia, Latvia, Nepal, El Salvador and Papua New Guinea, although the highest placement area is Africa, according to Paige Risser at the Peace Corps' regional office.

Currently, Natalie Temple Bowen, a Class of '99 graduate, is serving as a Maternal and Child Health Educator in

Morocco, where she is educating women and children in health matters and prevention.

Students volunteering for the Peace Corps are interested in servicing the public and doing something positive for others, according to Tara Romano, on-campus Peace Corps recruiter at NCSU.

"I think it is a really good opportunity for them [students] to use skills they learned in college," said Romano. Putting such skills into practice also "makes them more marketable," she added.

Additionally, what makes the Peace Corps unique from other job experiences is that once a volunteer is given an assignment, "how you go about that job is pretty much decided by you," said Romano. "You can tailor it to the things you are interested in."

Peace Corps volunteers work in six various types of job assignments, including, the environment, health and nutrition, business, education, community development and agriculture.

Serving in an environmental capacity, a volunteer might work in a village school assisting faculty with curriculum that promotes taking better care of their environment.

A volunteer with health and nutrition background might assist village women, particularly pregnant, with prenatal care, child nourishment and nutrition.

Those with a business background might help artisans market their product. The educational field allows volunteers to act as math, science or English teachers in a secondary school.

A community development

### TOP 10 PEACE CORPS VOLUNTEER PRODUCING UNIVERSITIES IN THE MID-ATLANTIC REGION

1. UNC-Chapel Hill
  2. University of Virginia
  3. Georgetown University
  4. James Madison
  5. University of Maryland
  6. American University
  7. William & Mary
  8. Virginia Tech
  9. George Washington University
  10. NCSU
- TIED
10. Duke

job might involve helping youth groups develop skills for a future career.

Finally, a volunteer serving in an agricultural job might work in a small village assisting farmers on how to conserve soil and water. Romano, an undergraduate of Penn State in agricultural engineering, worked in the village of Thyse Kaymoor in Central Senegal, where there were a lot of problems with soil erosion. Romano held training demonstrations and provided farmers with skills necessary to get started.

Assignments are two years long, with a previous three

months of "emergent" training, according to Romano.

Such training is technical instruction and language instruction.

The Peace Corps provides necessary living expenses, travel expenses and medical and dental benefits for the duration.

"It's plenty of money," said Romano. "It comes out at an average of \$250 per month. That's more than enough."

Romano can be contacted in the Office of International Programs in Daniels Hall, or at 515-5340. Interested students can also visit the Peace Corps website www.peacecorps.gov.

## Price shares political agenda

◆ Congressman David Price visits the triangle to notify the public of his plan of action and to listen to their concerns

STEVEN F. LEBOUF  
Staff Writer

An irate crowd gathered at Durham's Museum of Life and Sciences to hear Congressman David Price share his political agenda this past Tuesday evening.

Congressman David Price, United States Representative of North Carolina's 4th Congressional District, has been using the last few weeks to inform the public of his upcoming congressional agenda. After presenting his "priorities to do," Price followed by addressing questions from the audience.

The pinnacle of Price's goals is to increase federal funding and manipulation of both Social Security and health care. Though

a majority of Congressmen have already agreed to use two-thirds of the budget "surplus" on pro-

See Price, Page 2



Congressman David Price

## We have contact, ladies and gentlemen



Shawn McLean, an instructor with the N.C. State Tae Kwon Do club, demonstrates his board-breaking skills.

## Holy Crow!

A whole lot of grey-scaling going on. Today is Serious.



## No Kelly today?!

Guess you'll have to deal with Natalie. Check out today's Opinion page.



## Kicking grass

State loses at home against UNC-Greensboro.

### Join

Continued from Page 1

the additional funding for "high risk" new research projects.

According to DeSimone, this award means that there will be additional support for graduate student research assistants and that he will be able to explore new ideas more easily.

One of DeSimone's ideas that has been launched is MiCELL Technologies that originated in 1996. MiCELL uses carbon dioxide as an alternate solvent, and is flourishing, DeSimone says.

MiCELL started a new dry cleaning company named Hangers. DeSimone said, which uses carbon dioxide in the cleaning of garments. The use of carbon dioxide is safer for the environment, clothes and workers, according to DeSimone.

Hangers is quickly growing, DeSimone said, and spreading to other parts of the country. Currently, there are eight in Wilmington, N.C., three to open in Providence, R.I. and franchise discussions in many other areas.

The management team for MiCELL includes two of DeSimone's former students and Ken Huggins, an NCSU graduate. DeSimone's current role in the company is Chairman of the Board of Directors and technical consultant, but his main focus is still with research.

"I am starting to feel the Wolfpack pride," said DeSimone, "especially after the Texas game."

### Price

Continued from Page 1

teering Social Security and Medicare programs, there is still much heated debate on what to do with the remaining one-third. Price said he would like to see much of this over-collection of tax dollars spent on paying for the medications of qualified Medicare recipients.

Expanding federal government was another motif of Price's forum. Price said he openly supports the so-called "Patient's Bill of Rights," which would increase the federal government's role in free market health care. He also said he would seek to increase federal manipulation of education by modernizing government schools (via federal mandates) and by prioritizing certain elements in the Elementary and Secondary Education Act.

Though Price said he adamantly opposes an equal tax cut for every taxpaying American, he does support targeted tax cuts aimed to relieve working families, which he defines as "... working class, middle class people who've come on the short end of the stick when it comes to tax breaks." For example, rather than provide equilateral tax relief, Price said he will reward "select" Americans by relieving the infamous "marriage penalty" and by reducing taxes on people selling homes.

Price said he fears that an equal tax cut will prevent Congress from paying off the national debt, which he claims would jeopardize federal government entitlement programs. "Debt reduction is the single best thing we can do to assure [federal] benefits," said Price.

Immediately after sharing his agenda, Price was forced into the defensive, as angry voters expressed their grievances over Social Security, retirement benefits, educational funding and various other issues.

One audience member called for a radical government takeover of free enterprise, along with a national referendum to expel Federal Reserve Chairman Alan Greenspan. A calmer attendee argued against the federal government's "illegal" manipulation of IBM's new employee retirement plan. And after noting that less than 40 percent of North Carolina voters showed up at the polls in 1998, one audience member pleaded for a "reject box" so that voters could vote for "none of the above candidates" on election day.

Many of the grievances hurled at Price dealt with the woes of local government, which are mostly outside of Price's control. Price pointed out that these issues were outside his congressional powers, but that he would do the best he could address the issues. At the end of the forum, Price offered to speak with the concerned in person.

### Model

Continued from Page 1

ing that study," said Pietrafesa. "We started working with the NWS to look at the possibility that the model could be used to predict flooding during periods of intense winter storms."

When Hurricane Emily began to threaten the N.C. coast in 1993, Pietrafesa decided to use the opportunity to test the model to see how it would work with intense hurricane forces.

"As Hurricane Emily bore down on us, the NWS office here [in Raleigh] provided four predicted hurricane tracks to test. Several of the tracks showed flooding as high as 11 feet in certain areas," he said. "That was so extreme that they [the NWS] were reluctant to actually make that forecast."

The model showed a pattern of water level flooding that was going to develop as Hurricane Emily approached. Pietrafesa said that as the pattern began to unfold, the actual flooding looked very much like what the model was predicting. "The NWS eventually went with our prediction and made a forecast of 11 feet of flooding, which, in fact, actually occurred," he said.

After Hurricane Emily passed, Pietrafesa and his group designed a retrospective study to go back and look at the actual track of the hurricane. "With the predicted track, it appeared that we had missed the actual flooding level by about six to eight inches," he said. "But the retrospective study showed that we were really only

off by about two inches."

After Hurricane Emily, the Raleigh bureau of the NWS relocated their offices to the third floor of the Research III building on Centennial Campus, the building that houses the equipment necessary to run the 3-D model. "The NWS decided to move to Centennial Campus for the purpose of working together on various types of weather problems related to North Carolina, and to create a better forecasting capability," said Pietrafesa.

Since that time, every hurricane, tropical cyclone or even intense winter storm that develops has involved interactions between the NWS staff and Xie and Pietrafesa's group.

The development of Pietrafesa's original model and the work that led to the creation of the new 3-D one was funded by a grant from the National Oceanic and Atmospheric Administration. The group has recently received funding from the Navy to study wind-wave coupling during extreme, very energetic atmospheric events. They are also using the model to develop a better capability to predict where coastal erosion may occur.

One of the advantages of the new model is that it actually includes the effects of river discharge and land runoff in its predictions, while other models only take actual precipitation into account in predicting flood levels.

"Other models tend to predict highs much sooner than they actually occur and much lower than they actually reach," said Pietrafesa. "The sooner part is okay, but it's the lower part that's bad."

In 1993, Xie began working with

Pietrafesa's model to develop a visualization program to allow users to understand the storm surges by visually seeing them, rather than just looking at the numbers. "But the key part of the model is essentially the same that Pietrafesa developed almost 13 years ago," said Xie.

"You don't have to know the details of the model to be able to diagnose the output," said Pietrafesa. "When you have something that's, in effect, a movie format that actually looks like you're above the N.C. coastline and can see the surge coming, it's pretty dramatic."

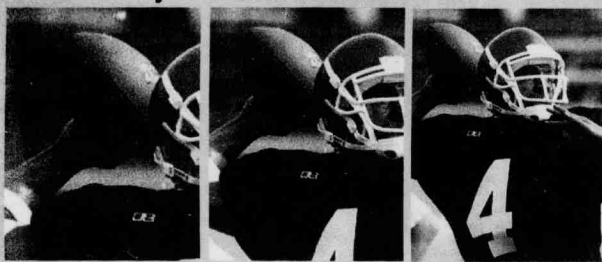
The model produces a color-coded output of predicted water levels at various locations along the coast as the storm approaches.

"The major difference between our model and other storm surge models used elsewhere is that our model is three-dimensional," said Xie. "Our model has the capability to predict water motion at various depths, while most others only predict average motion in the entire water column."

However, as with any tool of weather forecasting, there are still many limiting factors, one of which is that the hurricane track and intensity data provided by the NWS are predictions themselves. "It is not a perfect science," said Xie. "If the model is wrong and you use wrong data, then you have a chance of the output being right. But if the model is perfect and the data is wrong, then the output must be inaccurate," he said.

Xie and Pietrafesa have begun work to expand their three-dimensional model to include not only the N.C. coast, but also the entire coastal area from Charleston, S.C. through Virginia.

### Look for all your ACC Football info in Technician



### Four Dead, 167 Feared Buried in Moscow Blast

PETER GRAFF

MOSCOW (Reuters) - Four people were killed and more than 150 were feared buried in rubble Thursday after a blast tore through a block of flats on the outskirts of Moscow as residents slept in their beds, officials said.

An Emergencies Ministry spokesman told Reuters 37 people had been dragged alive so far from the wrecked nine-story building -- now

just a yawning hole in a line of apartment blocks -- and taken to hospital.

"It is already clear 202 people lived in these two entrances," the ministry spokeswoman said. "There are still 167 unaccounted for."

White smoke rose from the rubble and firefighters tackled small fires.

"Other models tend to predict highs much sooner than they actually occur and much lower than they actually reach," said Pietrafesa. "The sooner part is okay, but it's the lower part that's bad."

who lives in the same street and gave his name as Volodya. "I know at least eight people, relatives and friends, in that block."

The ministry spokeswoman said the cause of the blast had not been determined, although the preliminary conclusion was that it was a gas explosion.

Police were on the scene investigating. Interior Minister Vladimir Russhalo and Moscow Mayor Yuri Luzhkov both arrived at the site of the disaster to review the rescue operation.

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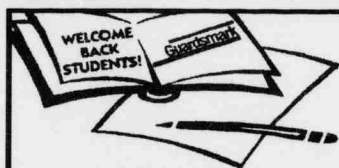
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# Hudson & Belk

## Technician's View

### NCSU 3-D model brings prestige

◆ The work of two NCSU MEA professors serves as a model for growth to the rest of the university.

This past weekend, the tropical storm formerly known as Hurricane Dennis reminded North Carolina residents just how unpredictable and destructive tropical weather systems can be. Having seemingly returned to sea, Dennis came back on Saturday to pound the coast and pour on the Piedmont.

The work of two N.C. State Marine, Earth and Atmospheric Sciences professors could thwart the kind of damage inflicted by Dennis this year and Hurricanes Bonnie, Bertha and Fran in recent years.

Leonard Pietrafesa and Lian Xie, in conjunction with the National Weather Service office on Centennial Campus, have developed a three-dimensional storm surge model that accurately predicts the time and volume of flooding caused by tropical storm systems.

Pietrafesa developed the model in the mid-1980s, with intentions of monitoring sea life in North Carolina's sounds. It produces color-coded outputs of predicted water levels along the coast.

with Hurricane Emily in 1993. Using the model, Pietrafesa's group predicted the storm's total flood volume to within two inches.

If maintained, that kind of accuracy in predicting future storm swells could give coastal natives and N.C. legislators a heads-up on coming floods, thereby saving the state millions of dollars in disaster relief.

Encouraged by the model's efficiency, the Raleigh bureau of the National Weather Service relocated to NCSU after Emily and has been working with Pietrafesa and Xie ever since. The NWS is currently housed in the Research III building on Centennial Campus.

Pietrafesa and Xie are expanding the model to predict erosion rates on N.C. beaches and flood levels in Virginia and South Carolina.

The two professors' model has obvious meteorological and economic benefits for all of North Carolina. For NCSU, its success serves as a model for the university as a whole. Tangibly, the NWS bureau's relocation gave a boost to Centennial Campus. The partnership with NWS also provides State with considerable clout in the field of meteorology. It is the type of collaborative effort that will benefit the university well into the next century.

## CAMPUS FORUM

### Gay rights

Upon reading Richard Morgan's article about the gay rights movement, I would think that the Technician would hire staff columnists who have an idea of what they are talking about before they write a piece. Mr. Morgan seems to think that gays and lesbians are comparing their struggle to that of the African-American community. Even though there are a few similarities between the two groups in terms of their struggle, I would like Mr. Morgan to know that their political aims and motivations are entirely different. While African-American and other minority groups are already protected by civil rights laws (even though they're still fighting for their civil rights every day), gays and lesbians are not protected by anti-discrimination laws in most states. They are not afforded the same luxury of being protected from job and housing discrimination, hate crimes, having the right to adopt or marry, and, in some states, consent of sex between those of the same sex is still considered illegal. There is more to the gay movement than the "We're here and we're queer" agenda that Mr. Morgan assumes gays and lesbians advocate.

The whole problem with Mr. Morgan's article, other than its simplicity, is that it's entirely based on assumptions. The concept that gays and lesbians stole the rainbow symbol from Noah's Ark is laughable. Now about visiting the White Rabbit bookstore downtown and reading about how some of these symbols originated. He also assumes that the gay and lesbian community have martyred people like Ellen DeGeneres and Matthew Shepard. While celebrities like Ellen are admired by a lot of the gay community, they are admired because of their visibility and their concern for the basic civil rights of the gay and lesbian community. Matthew Shepard's

death, tragic as it was, doesn't qualify for martyrdom (check your dictionary for that term), because he was an innocent victim of a heinous murder, a murder that Mr. Morgan seems to think was just one of countless beatings in this country. The reason why his death drew so much publicity was that it could have happened to any gay and lesbian in this country, many gays and lesbians are victims of countless beatings, and there are no laws that protect them from such hate crimes. And you think this is just a case du jour?

Mr. Morgan seems to be so upset that many visits were held for Shepard and not for James Byrd, Jr. (or "that black man" as he eloquently put it) in Jasper, Texas, but if he was so overly concerned about this crime, he could have rallied up a vigil here in his own community to protest it. Community action starts with the individual, Mr. Morgan.

I would hope in the future that you at least get some of your assumptions corrected before you put out another article in the paper.

K.A. Chavis  
Senior  
Accounting

### Creation theories lacking

In response to Vance Whitaker's column "Religion and Science Can Coexist," I would like to express my support of his assertion that evolution "is a theory, not fact." Often scientific ideas are summarized, condensed and packaged by teachers with the purpose of simplifying the complex. For example, in contrast to the lessons of your 4th grade teacher, the earth does not orbit the sun, but instead, both celestial bodies rotate around a common center of gravity. Presumably, this willful oversight

See Forum, Page 4



Packers by Danimal

## 'Werewolf' not worth it

NATALIE DUGGINS  
Staff Columnist

Note to the reader: Natalie would like to encourage those who look for factual information to turn to the front page (we journalists call that factual "news"). This is the Opinion section where facts are relative depending on your opinion (we journalists and our crazy naming conventions).

While trying desperately to work on an assignment in the computer lab yesterday morning, I took a break to check out Technician Online. I was a little surprised to see "Technician's View" in support of this newly conceived late-night bussing system. It's one of those rare times when "Technician's View" doesn't represent my view at all.

I personally think that the late-night bussing system isn't a good idea. Last year, when then-Senator Raj

Mirchandani pitched the idea in a Technician article, the system was not well received—or, at least not in any of the Campus Forum letters Technician received back. Following that article, at the February 3 meeting of Student Senate, the minutes reported that "Senator Mirchandani has had 3 replies from the article in the Technician about bussing."

I guess that responses must have flooded in from then; however, presented Cathy Reeve, director of Transportation, with student opinion, facts and statistics. So, as of September 27, you'll be able to hop on the illustrious "Werewolf" until 3 a.m. Thursday-Saturday.

Why do I disagree with this program? Oh let me count the ways.

Transportation stops handing out tickets at five. Even if you don't have an N.C. State parking permit, you're allowed to park your car anywhere on campus. If you're at D.H. Hill Library studying into the wee

hours of the morning, you can park your car right outside. If you're at a Senate meeting in Witherspoon Student Center, you can just park in one of numerous spaces just outside the doors. As long as you're out of that space by seven in the morning, you can avoid negative interaction with members of Public Safety.

If the reason behind the creation of "Werewolf" is to keep N.C. State students safe, let me clue you in on one thing—it won't work. A similar system has been enacted at UNC-Chapel Hill, but that didn't prevent attacks on female students earlier this year. Being safe while you're on campus at night has more to do with common sense—not walking alone, being aware of your surroundings, etc. This new bussing system can do nothing to aid in that.

While we tend to harp on Public Safety sometimes (OK, a lot), the department provides an escort service to protect students, faculty and

See Bus, Page 4

## Pitman's wise words for the stupid

MIKE PITTMAN  
Staff Columnist

All last year, we heard of various people being robbed at gunpoint. Something like this happened not too long ago in Chapel Hill. People walking by themselves, in a dark alley, late at night. To me, that is asking for something, just like the person who wears next to nothing to a singles bar is asking for something. (Albeit, the something the single is asking for is, well, more fun.)

Stupidity strikes again. Just the other day, I overheard a friend of mine explaining how he had been "violated" when money was taken from his wallet. He was asleep, and when he woke up, the money from his wallet was gone. Roommate wasn't in sight, and room door unlocked. He wasn't the only one this happened to, it occurred three other times in Bragaw. All for the same reason: the door was

unlocked. To me, this is stupid. To me, common sense should rule the day here. However, Public Safety feels otherwise. After each "major" crime last year, a voice mail was sent to all voice mailboxes relating the events of that evening to all who listened. To me, this is not only pointless, but a waste of time.

Let's break this down. We'll assume that there are 6,000 students on campus this year also. We'll go with a conservative estimate of 5,000 staff and faculty who will get v-mail. If each message is one minute, and we'll assume that each of these people talk or think of this message for five more minutes that day, each person has wasted six minutes of his/her day. Now, spread that across 11,000 people (6,000 students + 5,000 staff), and we have 66,000 wasted minutes. We'll say that the work/sleep day is 8 hours long. Based on these numbers, 13.75 days of work have been lost. That's a third of a year, only because someone did something

stupid. Don't get me wrong. The crime alerts that say, "Sam was in the middle of the brickyard, with his friends, in the middle of the day, and was robbed," those are fine. But if you are by yourself, use some common sense.

Also, thanks to Public Safety for telling us crimes have occurred. I remember a quote last year of something like, "We're doing a great job of telling people crimes have occurred." Question: why don't they try to (drumroll please) prevent crimes? It's great that I know that a crime occurred two days ago. You know what though, it would be even better had that crime never occurred.

My message of the day is this: Start thinking, quit wasting time, prevent crimes and quit ruining my life.

Comments and responses? Mike Pitman can be reached for comment at mike\_pitman@ncsu.edu.

## Anderson pursues the ever-elusive perfect day

MARK B. ANDERSON  
Staff Columnist

From my restless, revitalizing slumber I open my eyes to see my bedside alarm clock at 7:59 a.m. I drag the switch to the wonderful "off" position — one minute before the dreadful din of the sounding alarm. Six minutes later, after snatching a snooze, I'm in the shower singing "Sweet Emotion." There is enough milk for a couple bowls of cereal and OJ to wash it all down. Breakfast is peacefully quiet in the apartment. I grab my already packed bookbag—full of completed assignments—and hop into the car. A kind young woman waves me over to merge as I head down Hillsborough Street.

Fortunately, there is no traffic on campus and I hit every green light. As I pull into the parking lot next to Reynolds, hoping to avoid the deck across the road, I spot a truck backing out on the first row. What luck! Strutting to class in Hargett, I find smiling people, laughing and talking, and no one setting up "credit-card-free-stuff" tables.

Miraculously, the steps to the famous round hall have shrunk to a scalable rise. My professor is on time, doesn't call roll and begins class with a reasonable 10-minute lecture. As an entire class, we discuss the bankers of Florence and their effect on the city's prosperity and the resulting Renaissance. As a traveler of Italy, I modestly offer historical details of the Tuscan town. Class lets out right at 10 a.m. so I have time to get to my next class without being tardy.

The second class moves swiftly, helping the time pass quickly. Since my only other class is later in the day, I have an hour to send E-mails to my friends, writing a trench well and inquiring about their feelings and recent activities. Now it's noon and I am meeting my redhead friend for lunch at the conveniently located Antrum.

At about quarter past noon I walk in to find an orderly line forming against the wall for Li' Dino's. The chicken sandwiches seem to be in abundance today because the people are moving rather quickly. I am really surprised to see that more comfortable tables and benches have been

added outside. Of course, they are filled up with students, but a friendly couple of folks asks us to join them at their table. After a half-hour of pleasant chatting, we walk to the student center under the warm sunshine and brisk breeze. Now that Talley has a computer center and copious study rooms, we have central, convenient places to work. I decide to get a jump on that paper that is due in three weeks and I needed to start with some Internet research. My friend likes to study, but she says the desks in the library are conducive to sleep, and she never gets anything done there. The new ones in Talley are well suited for effective studying.

Following my last class, I decide to cheer on the volleyball team in Reynolds with some other Wolfpack Club members. The crowd is large and the team really came to play. They win in three games quite handily.

Ironically, as I am driving home I notice all three of my roommates apparently heading back to the apartment. We have leftovers from Red Lobster and share a good conversation. We sit down for Jeopardy and

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## Books from candidates

RONALD BROWNSTEIN  
Los Angeles Times

How do Americans judge the men and women who will be president? Do we measure them mostly by the views they express or the personal qualities they exhibit?

These are old questions raised again by new books from two of the top-tier GOP presidential contenders. In "A New Birth of Freedom," Steve Forbes breaks up autobiography and straddles up ideas on taxes, Social Security, the environment and health care like a mason who's paid by the brick. By contrast, in "Faith of My Fathers," Sen. John McCain of Arizona offers a compelling life story (and family biography) that is not only free of

policy proposals but ends before he even begins his political career.

Those editorial choices illuminate the political situations of the two men as they chase GOP front-runner George W. Bush (who's planning his own book). Forbes, the publisher of a business magazine that bears his family name, has assembled an agenda that champions virtually every cause conservatives prize. But he still faces widespread doubts that he has the experience and personnel to carry the Oval Office demands. As McCain's book harrowing demonstrates, he has passed personal tests more severe than any of this year's other candidates have faced. But he's made only limited progress in defining an agenda that excites

See Books, Page 4

## Bus

Continued from Page 3

staff during the hours of darkness on campus. So, if you don't feel comfortable walking on campus at anytime, just give 'em a call at 515-3000 and they should be there within five minutes to accompany you.

Safety is not a reflection of how you get from one place to another; it's often times a measure of basic common sense.

Perhaps my biggest reason for not advocating the "Werewolf" is money—or my current lack thereof. While supporters of the new system claim that this system will be of no cost to the students in its trial year, I beg to differ. Where do you think that money (\$100,000 that is being used for this campaign) came from? If you were one of numerous people who got ticketed when your meter ran out while you were trying to get your Financial Aid situation straight (how ironic is that?), then you're paying. If you've ever gotten a ticket at Talley Student Center while you went to get money out of the ATM, then you're paying for the "Werewolf."

I don't understand the premise behind using \$100,000 of money that could be used to better so many

things on this campus to help a select few who, for whatever reason, spend their nights and early mornings on campus. Rumor has it that Transportation will be seeking a fee increase from Student Senate again this year—which is an increase for everyone, not just the handful of people using this late-night transit. Why isn't this \$100,000 being used to avoid another fee increase for all students? Why is the Department of Transportation catering to these select few?

During the summer, the analysts for the UNC System Board of Governors outlined nearly \$171 million in renovations needed on this campus, including (as noted by Chancellor Fox in an interview with the "News and Observer") upgrading undergraduate labs that lack proper ventilation systems and other equipment for advanced teaching and research. We need \$171 million and we can't allocate \$100,000 to help more than a handful of students? Come on.

*Natalie welcomes questions, comments and critiques, though she admits that she prefers E-mails that start out "Natalie, you're a genius" or "Natalie, you're absolutely right!" It's good for her ego...drop her an E-mail at SavvLivz@aol.com.*

## Books

Continued from Page 3

GOP voters.

As a candidate, Forbes suffered from what might be called the Daniel Webster dilemma. In the first half of the 19th century, Webster was the brightest light in the Senate, a brilliant orator and high-priced lawyer. But when Webster ran (unsuccessfully) for the Whig party's presidential nomination in 1840, he felt compelled to tell voters he was "a plain man, a farmer" whose "elder brothers and sisters were born in a log cabin."

Even Daniel Webster, in other words, had to acknowledge the voters' preference for leaders who could point to dirt under their fingernails—or at least could show they had climbed over some obstacles on their way to the top. To find obstacles in the family history for his book, Forbes has to reach back to his grandfather, who founded Forbes magazine and struggled to keep it afloat through the Depression. The candidate's own story has been pretty much prep schools, Faberge eggs and editorial meetings, and, wisely, he doesn't dwell on it. Instead he lathers on the ideas.

The result is an agenda that none of his rivals can match for breadth: the flat tax, permitting some private investment of Social Security funds, requiring Congress to approve all federal regulations (instead of letting agencies set the rules), rapid deployment of an anti-missile defense, massive use of medical savings accounts, a step-by-step drive to ban abortion, a supply-side prescription for Russia and a hard line for China. And it all comes wrapped in a provocative grand theory about how the decentralizing tendency of the Information Age will inevitably lead to smaller government.

Even on its own terms—as a policy bible, not a page-turner—the book disappoints in places. Forbes has little to say about Medicare; he's vague on the federal role in education reform; he offers virtually no ideas for reviving the cities. Nor does he identify many specific government programs he would gut. But, overall, the book solidifies Forbes' standing as one of the GOP's last true revolutionaries. If Republican voters want to return to the barricades of 1995—when the New Deal and Great Society briefly appeared ripe for the reversing—Forbes makes a strong case that he is their man.

But it's not clear that most Republicans want to embark on such a crusade. Nor is it yet apparent that Forbes can cross the threshold of personal credibility with enough voters to receive a full

hearing for his agenda.

McCain's situation may be the reverse: not much agenda so far, but lots of personal credibility. His book, written with longtime aide Mark Salter, is not only moving but wise. The son and grandson of four-star Navy admirals (whose own careers he traces), McCain was in his own words, an "arrogant, undisciplined and insolent midshipman" who graduated near the bottom at the Naval Academy. As a young pilot, he wasn't much less faucous until he married, focused on his military career and set off to Vietnam as a Navy bomber. There, in October 1967, on his 23rd bombing run, he was shot down over Hanoi and began 5 1/2 years as a prisoner of war.

What follows is brutal torture, privation and isolation. In captivity, McCain demonstrated a personal fortitude that answers any questions about his capacity to handle the pressure of the White House. Yet the book's most powerful moment is his realization, in the darkest hours, that what allowed him to survive was not so much his individual strength as his communal allegiances—his religious conviction, love of country and faith in his fellow prisoners. In a genuinely profound section, he writes of learning that "Glory...is not a decoration for valor. [H] belongs to the act of being constant to something greater than yourself, to a cause, to your principles, to the people on whom you rely, and who rely on you in return." It's the rare passage in a political book parents will want to read aloud to their children.

McCain is hardly a marble hero; his career is pockmarked with personal and political mistakes. (One of the book's most attractive aspects is his insistence on bronzing his feet of clay.) But here he displays a broadness of spirit that reflects America at its best. He combines a sense of duty and honor that is refreshingly old-fashioned with a tolerance for human imperfection and difference that is utterly modern. He even manages to find words of reconciliation for anti-war protesters whose visits to Hanoi inevitably "made our life in prison more miserable than it already was."

McCain hasn't yet articulated a policy agenda that connects to the powerful message of shared sacrifice in his personal story. And even if he does, it might not matter much if Bush (whose own book is expected to show how his personal and political experiences have shaped his policy beliefs) doesn't stumble. But the faith that McCain embraces in his book—the belief that courage is enriched by compassion; that honor is a compass, not a cudgel; that glory comes first from serving others—sets a standard that every candidate ought to be judged against, no matter how many ambitious proposals they conceive.

dicts nothing. Besides a pleasant story, it offers us no insight into how the natural world behaves, what will happen in the future or how the fabric of life will unfold in the future. Creationism cannot be tested with future observation, but must be accepted without any scientific evidence confirming its validity. Creationism is dogma, not science.

Science, at its essence, is just a collection of well-tested theories. To accept lousy theories as correct insults the validity of the whole scientific process. In my field of study, crank theories sprout up like weeds. It is the scientific process that keeps us from finding the truth in a sea of misdirection.

Peyton Ferrier  
Graduate Student  
Economics

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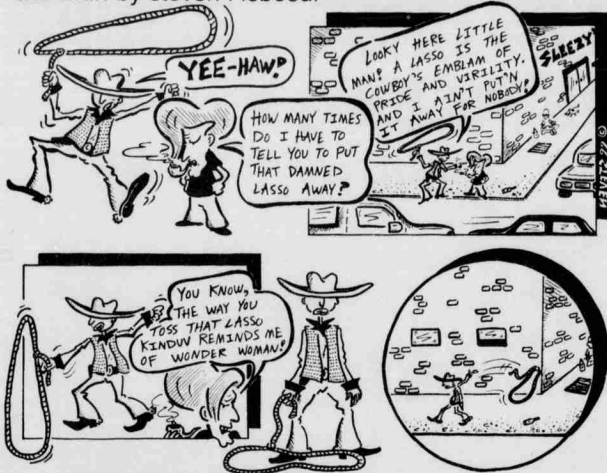
## Forum

Continued from Page 3

merely introduces the science that will explain the phenomenon better later, but one cannot rule out that your grade school teacher was just ignorant of the idea.

However, if evolution is merely a theory on how life came to be, then creationism is not a theory at all, or at least it is not a good one. It fails to do the two things that good theories do — explain and predict. Evolution is terrible at explaining the fossil record, carbon-dated rocks over millions of years old and the lack of evidence of a great global flood. Furthermore, and more importantly, creationism pre-

the man by steven f leboeuf



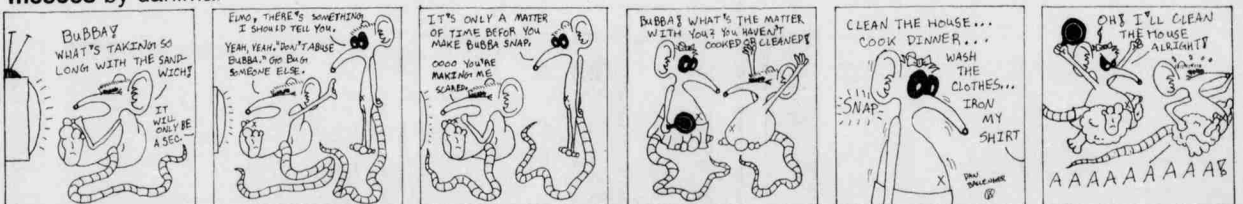
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This year Oskar, Maxine, Chalkydri, Matajuro, Zathael, Gabriel, and the rest of the gang get scanned in the computer and get some grey tones.



## N. Ireland residents support peace agreement

◆ A new poll shows most N. Ireland residents still stand by last year's Good Friday agreement.

**T.R. Reid**

The Washington Post

BELFAST, Northern Ireland — Former Senate majority leader George Mitchell got a useful boost Tuesday in his uphill struggle to revive the peace process in Northern Ireland as a new opinion poll showed that a strong majority of residents of this troubled British province still support last year's Good Friday agreement.

On the second day of a month-long "review" of the once-promising peace process, Mitchell was able to use the new survey figures, published in Tuesday's Belfast Telegraph, to remind political leaders here that the people of Northern Ireland want the various parties to stop squabbling and put the Good Friday plan into effect.

Mitchell spent two years as the chief mediator here in the multi-party talks that led to last year's historic Good Friday agreement, which sets up a new power-sharing local government and requires disarmament by the various sectarian armies that have been battling for three decades. The deal was subsequently endorsed in a referendum by overwhelming margins in both the north and south of Ireland.

"After that euphoric triumph, the former senator deliberately kept his distance on the theory, as he put it, that

"it's their deal, and it's up to them to make it work." But the old political and religious animosities here have made the agreement unworkable so far. Accordingly, at the urging of the British and Irish governments, Mitchell somewhat reluctantly returned to Belfast this week, hoping to rekindle the sense of cross-community cooperation that sparked the 1998 agreement.

As evidence of how tough the task ahead will be, Mitchell's first challenge is merely to get the province's political leadership in the same room. Since July, leaders of the largest Protestant party, the Ulster Unionists, have refused even to talk to leaders of Sinn Fein, one of the major Roman Catholic parties. Mitchell said he will spend this week talking to the nine participating parties separately, hoping to get them all together later in the month.

The political climate here may turn bleaker yet on Thursday, when a commission headed by British politician Chris Patten is scheduled to issue its long-awaited plan for the future of the local police force, the Royal Ulster Constabulary. The RUC is respected, even loved, by many Catholics. It's hard to imagine any blueprint that won't leave somebody angry.

Throughout the past 18 months of political bickering, the strongest force driving the peace plan has been the sense that the 1.6 million residents of the province strongly support the

agreement and want to see it work. Mitchell invoked the public will again Tuesday: "The people of Northern have been clear, consistent, and overwhelming in their desire for peace and political stability," he said.

Some local political leaders have questioned the strength of public support—especially after a troubled session when major players on both sides of the political divide failed to honor the commitments they made in the Good Friday deal.

First, the Ulster Unionists — led by the Nobel Peace Prize winner David Trimble — boycotted the first official session of the new cross-community assembly. This meant the government couldn't function — and convinced many Catholics that the Protestant majority is still not willing to share power.

That debacle was followed by murder and gun-running accusations against the Irish Republican Army, the paramilitary group associated with Sinn Fein. These charges convinced many Protestants that the IRA is still not willing to give up violence.

Despite those problems, though, the new poll shows that 73 percent of the people would vote the same way they did last year if the Good Friday Agreement came up for reconsideration. The support was particularly striking because the poll was sponsored by the Telegraph, a pro-unionist newspaper read mainly in the Protestant community; in Northern Ireland, even newspaper readership breaks down along sectarian lines.

## Bush clarifies reimbursing immigration costs

**MISSIE RITSEN**  
Los Angeles Times

Texas Gov. George W. Bush, clarifying comments he made last week, said Wednesday the federal government should reimburse states for the costs they incur from illegal immigration.

Though the Republican presidential front-runner said last Thursday that he opposes such reimbursements, Bush's campaign said that his misunderstanding a reporter's question and that his answer does not signal a change in his position nor a contradiction of the policies of the state he governs.

Texas has sought — with mixed success — billions of dollars from the federal government to cover what it has spent on health care, education and incarceration of illegal immigrants.

Bush supports reimbursements wholeheartedly, spokeswoman Mindy Tucker said Wednesday, and would continue to do so as president. But his first priority regarding immigration, she said, would be to tighten America's borders, a power he lacks as a governor.

As president, he is going to have the opportunity to enforce the border and hopefully make these expenses nonexistent, or at least lessen them, Tucker said.

Bush was asked last week by the San Francisco Chronicle whether California should recoup the billions of dollars it spends to provide services and education to illegal immigrants. He said no, because that's not

a federal role, in my judgment.

The comment confused experts on immigration issues because in 1995, Bush supported a legal appeal in which Texas unsuccessfully sought \$5 billion in immigration-related reimbursements from the federal government.

More recently, however, the state has secured some federal reimbursements. In 1997, for example, the state government and many Texas counties received \$36 million to recoup portions of the cost of jailing criminal illegal immigrants.

After Bush was criticized for appearing to go against his own state's position as well as against the opinions of both pro- and anti-immi-

gration groups, Tucker said Bush misunderstood what he had been asked. Because the interview took place immediately before a speech Bush was giving in Los Angeles on education, he assumed the reporter was asking whether the federal government should reimburse states for the costs of educating all students, not just illegal immigrants or their children, Tucker said.

If the federal government fails to keep immigrants from crossing U.S. borders, Bush thinks states should not have to bear the unusual costs of educating them or their children. In those cases, Tucker said, the governor indeed supports reimbursements.

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# State Stat:

State has lost four straight games in the Duke/adidas Classic.

# Tuesday Sports

## Got a problem:

As we kissed and said goodnight, a nightingale sang in Barkley Square? Call us at 515-2411 or email us at sports@sma.sca.ncsu.edu.

## A stern test in Durham

The men's soccer team takes on a pair of Big East powerhouses this week at the Duke/adidas Soccer Classic.

**JACK DALY**  
Assistant Sports Editor

N.C. State men's soccer team has a schedule this year that the men's basketball team always seems to shy away from. That is, besides being in the brutal Atlantic Coast Conference, it has a number of challenging non-conference games.

Case in point would be this weekend, where the Wolfpack will play Connecticut and Rutgers in the Duke/adidas Soccer Classic in Durham.

The Huskies (1-1-0) are ranked no. 11 in the country in the National Soccer Coaches Association of America (NSCAA) poll and feature two Hermann Trophy finalists in junior midfielder Brent Rahim and sophomore defender Chris Gbandi. The Pack's Shaker Asad is also nominated for the award, which is given to the national collegiate player of the year.

The Scarlet Knights of Rutgers (1-0-1) are ranked 15th by NSCAA and have the presason Big East Goalkeeper of the year in senior Jon Conway.

"They're tough, but when you play in the ACC, you get used to it," said State Head Coach Tarantini. "Because everyone else in the league is just like them, or maybe more talented."

Tarantini said he is impressed with the athleticism and skills of the Huskies and the job Head Coach Ray Reid has done since taking over two years ago. "Connecticut has had a strong, strong program for a long time," Tarantini said. "It's a program with a lot of success."

Along with Connecticut, Rutgers is one of the top teams in the Big East. "The last time we went to the Final Four [in 1990], Rutgers was there," Tarantini said. "Rutgers too is one of the best programs in the country. They have been doing well for a long, long time."

State (1-0-1) is coming off a solid opening tournament where it defeated Charleston Southern and tied Colgate.

"I am extremely excited for what we did last week, and I want to tell you why," Tarantini said.

"From the coaching point of view, we played [two games in 24 hours]...when we played [Charleston Southern], Colgate wasn't playing anybody. Then, to go back in the rain and play in overtime, and play 120 minutes after we played 90, that makes me feel very good about mentally what this team is."

Still, Tarantini knows the Pack will be in for a challenge this weekend. The team created a plethora of scoring chances in the Wolfpack/adidas Classic, but let some of them go to waste. To beat Rutgers or Connecticut, the team will need to finish.

"Score goals, goals, goals," Tarantini said in need of the most important need for the team this weekend. "Finish the opportunities."

"Opportunities are great wishes you have," Tarantini said. "Sometimes they never become reality. That's what I think in my game. So, it's good to create opportunities, but it's better to finish them."

State plays Connecticut at 5:00 p.m. Friday and Rutgers at the same time Saturday. Tournament host, 10th-ranked Duke, plays Rutgers at 7:00 p.m. Friday and Connecticut at the same time Saturday.



N.C. State takes on two Big East Opponents this weekend in Durham.

## Wolfpack falls to UNC-G

Visiting Spartans better Wolfpack 3-0 in women's soccer.

**ROB GODFREY**  
Staff Writer

The UNC-Greensboro Spartans invaded Method Road Stadium Wednesday afternoon, netting three goals, and escaping with a win over the host Wolfpack.

After a game in which both teams matched each other in several statistical categories—UNCG keeper Megan Bynum shutout the Pack however—NC State's record fell to 3-2. Suffering its second straight loss.

"We had no trouble getting the ball; this was the best we possessed the ball all season. Our last touch was it. We put balls over the net, into the goalie's hands—everywhere but in the net," Wolfpack coach Laura Kerrigan said following the game. She is in her second season at the helm of State's women's soccer program.

During the first half, State controlled the tempo, especially in the first twenty minutes. Then, at the 21:24 mark, UNCG's Melissa Ennis put back a ball deflected off NC State's senior goalkeeper, Jessica Glazer, putting the Spartans ahead 1-0.

Of the initial goal, Jack Poland, UNC-G Head Coach, said, "We were clogging up the middle for them, keeping them from scoring and the early goal helped out with our momentum."

He added, "They played hard but we stepped up today because we have a lot of talent lost due to injury."

The Pack's Coach Kerrigan disagreed. "We controlled it today. We had better plays; they got the goals, though," she observed.

On an afternoon in which the sun made the heat just below the uncomfortable level, Wolfpack attackers didn't suffer a paucity in scoring opportunities. First half-offensive chances included a productive breakthrough with 14:28 to go that ended, to Wolfpack chagrin, in an offside call.

And Shannon Blair had a breakthrough with under a minute to go before three defenders countered. At the break both teams had five shots on goal and Glazer held a one save advantage.

Early offensive chances in the second half included a direct kick and an indirect kick, both coming within the opening ten minutes. More disconcerting for Coach Kerrigan's squad was a situation in which senior Shannon Blair appeared to be hurt. The 30:15 mark brought another Spartan goal as Jenny Moore floated a ball from eighteen feet out just over the Pack goalkeeper's extended arm.

A direct kick by NC State's junior Shannon Tully, five minutes after the Spartan's second goal, came up short. And UNC-G's Jenny Moore struck again, this time from 8 feet out, to give the visitors an insurance goal.

There was a similarity between both teams in terms of youth: sixteen freshmen or sophomores started.



N.C. State senior Shannon Blair fights for the ball in the Wolfpack's contest with the Spartans of UNC-Greensboro. The Pack lost, 3-0. N.C. State is next in action on September 17, taking on Maryland in their ACC season opener.

Despite dropping the last two outings, Coach Kerrigan has freshmen to thank for preserving a victory in the home opener last week against Davidson. Additionally, Laura Scott and Rachel Durr, two freshmen, are responsible for two of the

team's five goals this season. The Wolfpack tunes up for their September 17 ACC opener against Maryland with a September 14 match at UNC-Wilmington.



Tarantini

**Associated Press Top 25**

- 1 Florida St (34)
- 2 Penn St (28)
- 3 Tennessee (11)
- 4 Florida (1)
- 5 Nebraska
- 6 Michigan
- 7 Texas A&M
- 8 Miami Fla
- 9 Wisconsin
- 10 Georgia Tech
- 11 Virginia Tech (4)
- 12 Georgia
- 13 Ohio St
- 14 UCLA
- 15 Arkansas
- 16 Notre Dame
- 17 Kansas St
- 18 USC
- 19 Arizona
- 20 Purdue
- 21 Alabama
- 22 Virginia
- 23 No Carolina St
- 24 Colorado St
- 25 Arizona St

**ESPN/USA Today Coaches Top 25**

- 1 Florida St (29)
- 2 Penn St (19)
- 3 Tennessee (11)
- 4 Florida
- 5 Michigan
- 6 Nebraska
- 7 Texas A&M
- 8 Wisconsin
- 9 Miami Fla
- 10 Georgia Tech
- 11 Virginia Tech
- 12 Georgia
- 13 UCLA
- 14 Ohio St
- 15 Arizona
- 16 Purdue
- 17 Arkansas
- 18 Kansas St
- 19 Virginia
- 20 USC
- 21 Notre Dame
- 22 Alabama
- 23 Texas
- 24 No Carolina St
- 25 Arizona St

## William & Mary crucial to season

N.C. State, at 2-0, still has something to prove on the grid iron.

**K. GREENEVY**  
Sports Editor

There will be no in between. Either the Wolfpack will beat William and Mary by 28 points on Saturday, or they will lose.

And it will be a test of their mettle. Forget the season opener against Texas.

Forget the home opener against South Carolina coming off of a big win.

This weekend will be the biggest test for the N.C. State football team this season.

N.C. State has been consistent the season, but not consistently good.

The Wolfpack is 2-0 and ranked in both polls that are nationally

recognized. But N.C. State is averaging just over 130 yards of offense per game.

N.C. State has beaten two nationally ranked programs and coaches en route to the wins.

But quarterback Jamie Barnette, who averaged over 280 passing yards per game in his junior season, hasn't thrown for 85 yards in the two games put together.

While William and Mary plays a schedule in 1999 that resembles the schedule of N.C. State's men's basketball team, and are coming off of a double overtime loss to the Fighting Blue Hens, the Tribe currently has, in one game, first downs and twice as many total yards as the Wolfpack could muster in two contests.

In other words, Saturday's is a game that the Pack can not take seriously enough, no matter why William and Mary appears on the schedule.

According to O'Cain, the game with the Tribe is a make-up of sorts.

"They had been on our schedule for 1997, but when the NCAA made rulings on Division I-AA, we had to get out of that contract," said O'Cain in his weekly press conference.

"When we saw that we had the opportunity to add them, we felt like we owed it to them."

According to NCAA regulations handed down in recent years, a Division I-A team trying to qualify for post-season, or Bowl, play, can count a win over a Division I-AA school once every four years.

To qualify for post-season play, a team must win at least six games (in a 12-game schedule). Should N.C. State end the 1999 season with five wins over D-I opponents, and picks up a victory over William and Mary as well, that

## N.C. State to host volleyball tournament



The Wolfpack women's weekend line-up:

**Friday**  
2 p.m. - Maryland  
County  
7 p.m. - Liberty

**Saturday**  
1 p.m. - Campbell  
6 p.m. - Moorehead State

**Sunday**  
3 p.m. - UConn