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A WHOLE NEW WORLD - NEW CARTOON EXPLORES THE WORLD WIDE WEB

MONDAY

October 27, 1997

Vol. 78, No. 30

# TECHNICIAN

North Carolina State University's Student Newspaper Since 1920

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## Coastal facility to house NCSU researchers

■ A new facility will broaden N.C. State's research efforts.

CATHY WILFONG  
Staff Writer

The beach has long been popular with students at N.C. State — for spring break, summer vacations and long weekends. But NCSU students will soon have another reason to head to the coast: education.

In an unprecedented cooperative effort with UNC-Chapel Hill,

Carteret Community College and Duke University, NCSU is building a unique coastal research and teaching facility in Morehead City, North Carolina. The Center for Marine Science and Technology (CMAST) is a consortium of research scientists and other experts who are working to protect and improve the environmental health of coastal North Carolina.

The project, which is also in cooperation with N.C. Sea Grant, National Marine Fisheries Service and the N.C. Division of Marine

Fisheries, will tackle everything from studying and improving water quality to modeling and predicting the effects of storms and flooding.

CMAST will be home to a wide variety of research programs, according to Dr. Michael Stoskopf, professor of Aquatic and Wildlife Medicine in the College of Veterinary Medicine at NCSU. Some of these programs include a "wet laboratory" for sea animals, an "Instrumented Estuary" that will provide real-time telemetry data from the ocean and a seafood

processing research facility for testing new safety measures and improving processing procedures.

"CMAST will be housing some really cutting edge science and technology," Stoskopf said. Some of these modern technologies include deep-sea robots and telemetry buoys, as well as a satellite and remote data-receiving facility that will provide continuous feedback of conditions along the coast. The Sea Grant extension facility will also be stationed at the Carteret County facility.

Stoskopf, who is also the newly appointed chairperson of the Marine Science Council for NCSU, said the project is interesting for a number of reasons.

"It involves intense cooperation between two universities that don't get along so well on the basketball court," he said with a laugh. "And that's something."

Stoskopf noted that it is also a unique effort because NCSU is working directly with a community college. Carteret Community College is leasing the land to the

university and will be trying to develop some cooperative programs with NCSU, he said.

CMAST will represent faculty and programs from five of NCSU's colleges: Agriculture and Life Sciences, Physical and Mathematical Sciences, Forest Resources, Veterinary Medicine and Engineering. Both permanent and visiting faculty will conduct research there, Stoskopf said.

NCSU's primary focus will be on

See CMAST, Page 2 ▶

## Professor discusses tribal death rituals

■ Local professor studies alternative cultures.

APRIL HARRISON  
Senior Staff Writer

Death rituals, animal sacrifices, head hunting — not your typical dining conversation, unless you are Anne Schiller, associate professor of anthropology at N.C. State.

Schiller spoke to a crowd of over 100 people last Thursday at the NCSU Friends of the Library's annual fall luncheon, held at the McKimmon Center.

Schiller, who specializes in Asian studies and comparative religion, is fluent in Indonesian. Her studies have taken her to the rain forests of Borneo, the world's third largest island, where she lived among the natives of central Kalimantan — the Ngaju Dayaks.

During her stays in Borneo, Schiller observed everything about the Ngaju Dayak life, although one of her main focuses was on



PHOTO COURTESY OF NATIONAL GEOGRAPHIC. A Ngaju Dayak death ritual.

the "tiwah". The tiwah is a collection of rituals which prepares the remains of the deceased and ultimately sends their souls to a better place, known among the Ngaju Dayaks as the "seventh sky."

The tiwah is given by Ngaju Dayak families about a year after the death of a family member. At this time, the buried body is exhumed and, during the 33-day ritual, religious ceremonies are performed with the help of the village priest. The skeletal remains are cleaned by the family and powdered white to make them beautiful.

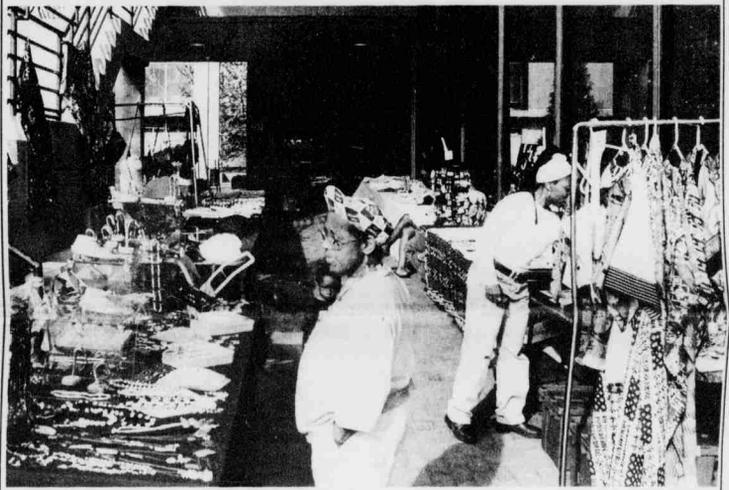
Finally, the family and the other villagers gather around, touching the bones to bid a final farewell to their loved one.

"The death rituals are rich, complex, and intensely human," Schiller said.

The remains are then bundled up and placed

See SCHILLER, Page 2 ▶

## Back to the basics



Students, faculty members and Raleigh neighbors gather at African-American Heritage Day festivities. The celebration featured numerous speakers and drew many visitors to the Witherspoon Student Center Saturday.

## MTV co-founder gives tips

■ A student of an "American Zen master" discussed life, the universe, everything.

PAUL WEBBER  
Staff Writer

August Turak has been searching for answers to profound and thought-provoking questions that most people haven't even thought about yet.

A life worth living, the search for truth, and self-understanding were just a few of the topics Turak addressed in the two hours that he spoke to a large group of students in Nelson Hall Thursday. He also talked about life's experiences and how students can find answers to these questions themselves.

A founding employee of MTV and CEO of the fastest-growing

company in the Triangle, Raleigh Group International, Turak has had a very successful business career. But to him, it is secondary to his real passion in life, "spiritual work." He explored the immaterial realm for five years as a young man while studying with American Zen Master Richard Rose, the man who taught Turak to search for answers and find his niche in the world.

"Rose was a fiery person with poise and character when I saw him speak for the first time as a curious teenager," said Turak. "The lecture he gave influenced my life forever."

Turak's friendship with his mentor began when he received permission to visit Rose at his home.

"I was fascinated by Rose and I knew I had to get more answers from him, so I contacted him at his home in Wheeling, W.Va., which wasn't that far from my hometown

of Pittsburgh," said Turak. "So when I was given the chance to go to his home and talk with him, I made the first step toward achieving, what I didn't know at the time was, enlightenment."

Turak said his mentor was a very remarkable person.

"Rose taught me to live to the fullest, to find everything and nothingness and to put it into perspective so that nothing in life is taken for granted. He also taught me that the agony of life is uncertainty," Turak said. "He said the only way to achieve the ways of his teachings was to go for it. He said that nothing comes easy in life, so work will always be required from you in every aspect of life: mentally, physically, and spiritually."

Turak said the most intriguing thing the universe has to offer is the



PHOTO COURTESY OF SELF-PROCLAIMED SPIRITUALIST August Turak, MTV co-founder.

human mind, on which all beliefs are based. He said it is very important to use this instrument of life and not let it go to waste.

Recalling Rose's philosophies of life, Turak said, "Go for it. Don't

See SPEAKER, Page 2 ▶

## Teachers study erosion

■ Through a new study, scientists hope to chart the future of beach erosion.

KRIS LARSON  
Staff Writer

The largest coastal field experiment ever conducted is currently being undertaken in the remote town of Duck, N.C.

The experiment, SandyDuck '97, is a conglomeration of efforts from over 100 scientists, technicians and students, including N.C. State's own Tom Drake and Steve Snyder.

The five-month study is actually a compilation of 30 simultaneous research experiments geared toward advancing the fundamental knowledge of how natural forces cause beaches to change.

Through the study, sponsored by the U.S. Army Corps of Engineers,

the Office of Naval Research and the U.S. Geological Survey, the scientists hope to gather enough information to accurately predict future coastline erosion. With the use of an amphibious buggy and the Jet Ski, over 400 sensors, radars and cameras were placed in the ocean to monitor changing conditions.

NCSU scientists are studying sea floor morphology, the form and structure of animals and plants, by using side-scan sonar receptors mounted on the side of the CRAB (Coastal Research Amphibious Buggy). These images will show changes in underwater dunes and sandbars. According to Drake, this is "the same technology used to search for shipwrecks, like the Titanic, or downed aircraft."

Charting these changes will help

See DUCK, Page 2 ▶

### Monday IN BRIEF

#### Physical science fellowships available

National Physical Science Consortium Fellowships are available to U.S. citizens from under-represented groups (including women) who are entering doctoral programs in astronomy, chemistry, computer science, geology, materials science, mathematical science, physics and subdisciplines. The deadline is Nov. 5.

GEM Fellowships are available to U.S. citizens who are members of underrepresented minority groups pursuing a master's degree or Ph.D. in engineering or a Ph.D. in natural science fields. Deadline: Dec. 1.

The U.S. Department of Energy Integrated Manufacturing Fellowship program is available to U.S. citizens and permanent residents who have engineering backgrounds and who will have completed a master's degree by the beginning of fall 1998. Deadline: Dec. 5.

For more information, contact David Shafer in the Graduate School at 515-4462.

#### Four faculty members receive medals

The N.C. State Board of Trustees has awarded the Alexander Quarles Holladay Medal for Excellence to four faculty members in recognition of their outstanding careers at NCSU.

The Holladay Medal is the highest honor bestowed on a faculty member by the university. It recognizes the teaching, research and service contributions. The medals were presented during the Honors Convocation Oct. 21 in Stewart Theatre.

Honorees were: Thomas Hester, professor of English, College of Humanities and Social Sciences; Ernest Hodgson, William Neal Reynolds Professor and former head of toxicology, College of Agriculture and Life Sciences; Slater Newman, professor of psychology, College of Education and Psychology; and the late J.C. Raulston, former director of the NCSU Arboretum (now called the J.C. Raulston Arboretum) and professor of horticultural science, College of Agriculture and Life Sciences.

#### New telephone directories available

Network and Communication Services began distributing the new university directories this week and should complete the process by Oct. 31.

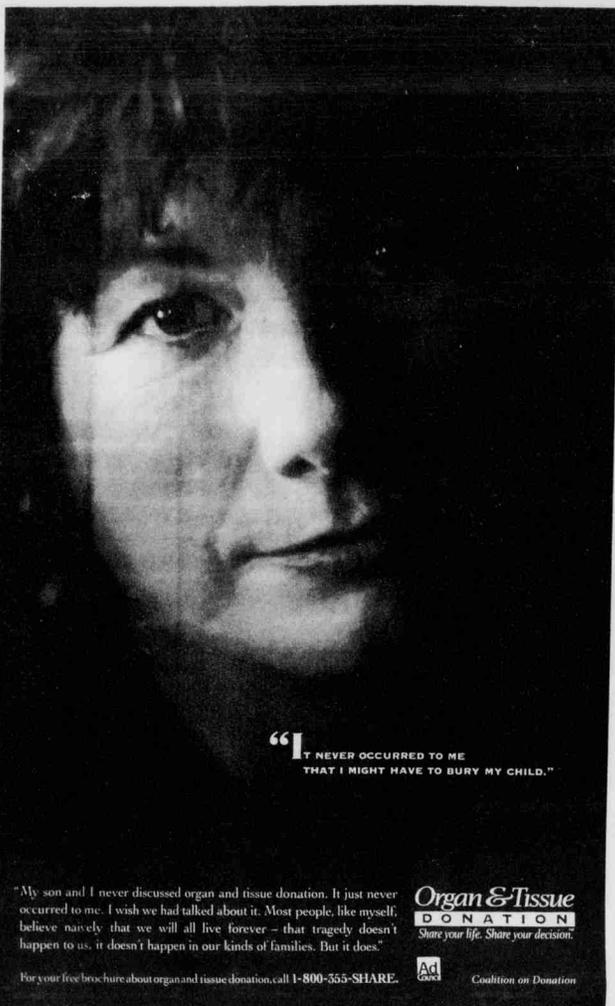
You can recycle your old directories in specially marked dumpsters at the following locations: Lee/Sullivan/Bragaw residence halls on the east side of Sullivan near Bragaw; Owen Residence Hall between Owen and Tucker residence halls; Syme Residence Hall courtyard on the east side; the Quad behind the C store; the motor pool parking lot off Sullivan Drive; and Avent Ferry Complex on the southwest corner.

If you are not near one of these locations, stack the directories beside the recycling bins/in your normal pickup locations.

For more information, call 515-9421.

### OUTSIDE

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## Speaker CMAST

Continued from Page 1

hold back or limit yourself to any stipulations. Anything is possible, and I firmly believe in this. I'm living proof of this."

"Once the newness of youth passes, the majority of individuals spend their lives in a numbing, perpetual struggle, year after year, continually searching for an elusive happiness, and finding in the end their own death's, and little else," said Turak. "This is the average lifestyle which I believe can be avoided by simply finding yourself, do away with all the Insignificance of life, the pretenses, the games of life and be yourself. Accomplish things in life, don't let things pass you by and life will become obvious."

Continued from Page 1

applied applications, including marine geology and marine mammal medicine, food safety and processing, marine biology, computer modeling, aquaculture and marine resources development. The department of Marine, Earth, and Atmospheric Sciences may use the facility for field trips, and graduate students will be doing projects there.

"It will be kind of like going to Centennial Campus, but a longer trip," Stoskopf said.

CMAST will have significant tele-video conferencing capabilities so that graduate students and faculty can communicate with the main campuses and participate in classes. Project coordinators also hope to construct a virtual library that will use NCSU's libraries to connect to others in the Triangle area.

Construction on the first part of the facility began on June 2, 1997. This first component includes a research laboratory wing that is being added

to UNC-CH's existing Institute for Marine Science, Stoskopf said. The next part of construction will be a four-story building, located on the campus of Carteret Community College. This 45,000 square foot facility will house the majority of CMAST's programs.

In addition, the Division of Marine Fisheries is refurbishing their docks to accommodate NCSU's research vessels. There will also be dormitories to lodge students and faculty when they are here for classes or research. The dorms will also be available to graduate students and visiting scientists on a short-term basis.

According to Stoskopf, the CMAST project began when NCSU and UNC-CH got together and envisioned a marine science campus in the Beaufort-Morehead City area that would rival Wood's Hole in Massachusetts. The North Carolina State Legislature saw this as an excellent use of public tax dollars to solve real North Carolina coastal problems, and agreed to provide funding for the facility.

The scheduled completion date is Dec. 23, 1998, notes Stoskopf. "How's that for a Christmas present?"

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## Schiller

Continued from Page 1

into a small wooden funeral house where they will be locked away forever. With the ending of the tiwah, the soul can now go to the seventh sky and reunite with the other family members who are there waiting for it.

The Ngaju Dayak do not welcome death, Schiller said. "They look beyond it, to their relatives waiting in the next life."

In 1996, The National Geographic Society went with Schiller to Borneo. There they filmed a special for the "Explorers" series, entitled "Among the Ngaju Dayak Tribe:

Journey into Borneo." The broadcast had an estimated 40 million viewers. This special discussed the cultural, religious, and ethnic identity of the Ngaju Dayak peoples.

"The Ngaju Dayak have such a vibrant culture. We should devote a moment to listen to what they want us to hear and what they want to teach us," Schiller said.

After the luncheon, Schiller signed copies of her new book, "Small Sacrifices."

Schiller sums up her life with the Ngaju Dayak on this bittersweet note: "This whole experience has been a cultural journey, and a spiritual one. When I first made this journey in 1983, I had to go for research. And now I find that it is a journey I want to make, and I need to make, again and again."

## Duck

Continued from Page 1

scientists predict the future movements of beach and underwater sands that result from wave and current changes. This would prove especially important during stormy seasons.

The project began seven years ago with the placement of the first of 400 sensors in the Atlantic Ocean. In addition to morphologic studies, SandyDuck '97 is also concentrating efforts in the modeling of surf zone physics, as

well as resolving sediment transport.

State-of-the-art instrumentation devices were designed for the efforts, including Fiber Optic Backscatter Sensors, Acoustic Altimeters and the Global Positioning System, to coordinate patterns of beach change. SandyDuck '97 will conclude on Oct. 31, and instrument removal will begin in early November.

"The experiment has been successful from all standpoints. We were hoping for bigger storms, maybe even a wimpy hurricane," Drake said. "As it stands, we'll have several years of work after the experiment winds up testing our computer models for beach evolution."

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# Sports

Monday, October 27, 1997

Vol. 78 No. 30

Technician

Page 3

## Pack pours on Heels

■ N.C. State men's soccer team battled through rain and the Tar Heel defense for its fourth ACC win of the season.

K. GAFFNEY  
Sports Editor

The elements, a two-game losing streak, and the UNC-Chapel Hill Tar Heels stood in the way, but there was no way that N.C. State men's soccer team was going to lose Sunday's game.

It was at Method Road Soccer Stadium, the beloved home field of the Pack. It was the last ACC game of the season and the last ACC home game ever for the seven seniors that are the backbone of the State line-up. And more importantly — it was Carolina.

**"We don't like anyone coming in here and beating us, especially Carolina."**

— Ian Hooper, Member of the men's soccer

But the Pack worked its magic, turning the adverse conditions into motivation, and put the Tar Heels away, 3-1, improving to 4-2 in the conference and 10-4 overall.

State dominated the first half, allowing UNC-CH just two shots to their 10.

The Pack had some strong scoring opportunities, but was unable to score.

A header from Jamari Tripoli bounced off of the cross bar with 20 minutes ticked off of the clock.

Sophomore Jeremy Ballenger had clear shot on goal with three minutes left in the half, finding Tar Heel keeper Daniel Popik out of position, but freshman defender Joe DiSalvo booted the shot back to midfield.

State's first half scoring woes were nothing new for members of the Pack, who have struggled in the past few games to put their shots in.

"The last couple games we have been really frustrated," senior midfielder Ian Hooper said. "Today we had a lot of chances to score and what happens is that we go into the half knowing that all we need is just one goal to start the domino effect."

In the second half, state came back strong,

finding the net in the first four minutes, but having it taken away with an off-sides call.

The play allowed Carolina to get on the scoreboard first.

A shot from Raleigh native Caleb Norkus bounced off of State defender Eric Kaufman and keeper Daniel Alexander, into the upper left side of the net.

The goal, along with the thought of trailing at home, to anyone, especially the Tar Heels ignited the State offense.

"The tradition here is so great," Hooper said of Method Road. "We don't like anyone coming in here and beating us, especially Carolina."

Sophomore Chris Welling entered the game with 10 minutes gone in the half, and quickly up-started the Pack.

Welling scored off of an assist from Hooper, and just minutes later set up the Pack's second goal.

Ballenger scored on a cross from Welling, while senior defenseman Nick Dutka was taken out of the game, injured on a play just seconds before the goal.

The Pack's third goal came from Welling, aided by the slippery conditions caused by the rain that fell throughout the game.

Welling crossed the ball from deep in the Tar Heel defense. The ball slipped out of Popik's hands, into the goal.

"I fought for the ball, and was really trying to cross it," Welling said. "With the wet weather it just slid off of my foot. I don't think that (Popik) was expecting it, and it went in. It was definitely a great goal for us."

While Dutka was the only player to leave the game with an injury, the match, like most State/Carolina games, was one of the most physical that the Pack has participated in this season. Overall, 40 fouls were called, and eight yellow cards were given out.

"Every time you have these two teams playing, you are going to have a very physical game," State coach George Tarantini said. "And the weather being so terrible just added to it."



Nick Dutka battles with a defender in the Pack's 3-1 win over UNC-Chapel Hill.

## Volleyball drops two

■ State drops to 7-18 overall, dropping two tough matches

Sports Staff Report

Playing on the road is tough in the ACC.

The N.C. State women's volleyball team lived this reality this weekend, losing two tough road matches at Clemson and Georgia Tech.

The team traveled to South Carolina on Friday, losing 3-0 to the Tigers, who improved to 18-3 overall.

Amy Lemerian led the Wolfpack with 11 kills, and Laura Kimbrell had seven. Kimbrell also pulled out 21 digs. Setter Nicole Peterson dominated the assist column with 24.

Clemson countered State's tough attack, led with Cindy Stern's 12 kills. Michelle Thieck led the Tigers with 32 assists. State held tough after an embarrassing first game in which they lost 15-1.

State was defeated in the final two games 15-8 and 15-10 respectively. The Tigers remain the only ACC victim of the Wolfpack, as State beat the Tigers three games to two at Reynolds Coliseum earlier in the year.

Clemson improved to 6-3 in the ACC while State dropped to 1-8 in the conference.

Sunday, the Wolfpack regrouped and headed down to Atlanta to face a hostile Georgia Tech crowd.

State was outdistanced by the Yellow Jackets for the second time this season, again in three straight games. Kimbrell remained a model of consistency, leading the Pack

See CLEMSON, Page 4

## More than just a game

■ For N.C. State's second year co-captain Pablo Mastroeni, soccer has become more than just a game.

K. GAFFNEY  
Sports Editor

It's in the veins.

What runs cold as ice for 90 minutes also runs as deep and as true as the commitment that he has given to it.

Because Pablo Mastroeni could not imagine his life without soccer.

Mastroeni is N.C. State soccer's answer to Peyton Manning, the chosen son, born and bred to build his castles in the sky, who has now come into his own, building the foundations of those castles bit by bit, play after play, through an inherent desire that is held by few, and with the respect of those around him.

Mastroeni was raised to be a football player, in the truest sense of the phrase.

His life has centered on the sport, and like any great athlete, he is respectful of the sport that has afforded him the opportunities of a lifetime.

Originally from Argentina, the same as both his father and his current coach, Mastroeni has

seen all that soccer can do for or in a person's life.

While most American boys are weaned on sports like baseball and football, Pop Warner and Babe Ruth leagues have nothing on the way that soccer is revered in South and Central America.

"In Argentina and most Latin American countries, soccer isn't a sport, it is a way of life," Mastroeni said in a recent interview. "If you don't get involved in the local club, your family might not have a chance to eat, for example. If you make it in the soccer field, you can offer your family a luxurious life. So when people here say to me that soccer is just a sport, I don't believe that."

"I don't think that I take it too seriously, though, I play as if it is my way of life."

What it has given him, he knows is immeasurable in comparison to where he could be without it.

"It has taken me from the East Coast to the West Coast, and anywhere in between," he said. "It has taken me to South America; it has shown me new walks of life and millions of new people. Everywhere that I go today for the most



Pablo Mastroeni knows the importance of what soccer has given him.

part is affiliated with soccer. And it is paying for my education; I wouldn't be here today

See SOCCER, Page 4

## Women's soccer shuts out Cats

■ Alvin Corneal and the women's soccer team claims a 2-0 victory in the match against Cincinnati in the Pack's final home match of the season.

Sports Staff Report

Alvin Corneal watched his team score two goals in the final 15 minutes of the match to secure a 2-0 shutout Sunday afternoon against Cincinnati at Paul Derr Track.

The win broke a four-game losing streak for the Pack, and improved the team's record to 8-10 overall.

The loss was only the fifth of the season for the Bearcats, who fell to



The Pack picked up its eighth win of the season on Sunday.



The win was the Pack's first in their last five games.

12-5 overall for the season.

After a scoreless first half, it looked as if the match might end in a 0-0 tie. But junior defender Jessica Celi made sure the scoreboard didn't go unused as she scored off a corner kick at the 76:47 mark. Assisting on the Pack's first score were Laura Ferguson and Kasey Christian.

Less than five minutes later, sophomore Jennifer Marsh struck from less than 20 yards out to put the match out of reach at the 82:27.

State outgunned the Cats in nearly every category except for goalkeeping. They out scored, out shot (16-6) and had more corner kicks (3-2) than Cincinnati. The only stat in which the Bearcats matched the Pack was in fouls with 12.

Goalkeeper Katherine Mertz recorded the 24th shutout of her career. With that she moved into sole possession of second place in ACC history for career shutouts. If she records another shut out in her final regular-season game against Davidson, she will tie another former Wolfpack goalender for the record number of conference shutouts.

Speaking of the ACC, here's a breakdown on where the rest of the league stands.

There's no big surprise that the UNC-Chapel Hill leads the standings. In addition to a perfect conference record (4-0), the Tar Heels are also 16-0 overall, with their one non-win coming in a 2-2 tie against Notre Dame, currently ranked second in the country behind — who else — Carolina.

Duke is second in the league, sharing a 4-0 conference mark with the Tar Heels. They've suffered three non-conference losses, however, and own a 12-3 mark overall.

Clemson has also posted four wins, but has suffered two losses in the league as well this season, knocking them down to third position.

Virginia and Maryland both have three wins and two losses in conference, but Virginia is clearly the stronger team, winning four

See CATS, Page 4

## A.D.: Life 'after Dean' begins

■ ACC basketball copes with losses, but remains the nation's best.

TIM HUNTER AND JONATHAN NOEL  
Staff Writers

Greensboro, N.C.—Despite all of the events that have taken place in the past year in the ACC, the theme of Operation Basketball was, "What will life be like without Dean?"

Operation Basketball is the annual preseason gathering of all of the men's and women's ACC



N.C. State coach Herb Sendek directs the Pack in Friday's open practice.

basketball coaches. The teams all came together in Greensboro at the Four Seasons Hotel to chat with local and national media about the upcoming season.

The men's portion dealt with the major issue at hand, the retirement of Dean Smith, and how the ACC will cope.

Former assistant coach Bill Guthridge takes over the helm at UNC-Chapel Hill after the shocking announcement of Smith's retirement two weeks ago.

"I call him (Smith) for advice all the time. He will be one of the greatest former coaches ever. He doesn't intrude, but is always there when I need help," explained Guthridge.

Despite the loss of Tim Duncan, one of the greatest centers in league history, as well as Keith Booth, the league features the best collection of talent in the nation. The ACC showcases stars such as UNC-CH forward Antwan Jamison, Georgia Tech forward Matt Harpring, and Duke guard Trajan Langdon, all of whom were selected first team All-ACC in 1996.

Each of the teams enters the '97 season with high expectations, and rightfully so. Five teams return four starters, while only Wake Forest and Georgia Tech lost more than two.

Eight of the nine teams played in the post season '96, with six teams going to the NCAA tournament, while Florida State and N.C. State went to the NIT, and Georgia Tech remaining in Atlanta.

North Carolina, which returns four starters from a Final Four team, and Duke, the regular season ACC champion, both come into the season with legitimate NCAA championship aspirations.

The women's conference was highlighted by some questions as well. Namely, how to replace the mass exodus of talent incurred by the ACC in 1996. Coaches all around the league were dealing with how to deal with their respective losses.

Big names such as Umeki Webb, Jennifer Howard, world champion sprinter Marion Jones, Kisha Ford, Tori Suber, Kira Orr, and Tracey Connor will have to be replaced. The league will depend heavily on the wealth of talented freshmen.

Two new faces brighten the coaches' seats in the conference, as well.

Florida State, coming off a 5-22 campaign without a conference win, will be coached by Sue Semrau, a former assistant coach at the University of Wisconsin.

Charlene Curtis comes down from national powerhouse UCONN to take the challenge of leading the Wake Forest squad, who finished eighth in the league overall.

As another year begins in ACC basketball, the conference looks stronger than ever, with national championship hopes for both men and women.

Even without Dean.

## Games this week

### Football

11/1 at Florida State

### Volleyball

10/28 at UNC 7 p.m.  
11/1 at Florida State 7 p.m.  
11/2 at Florida A&M 1 p.m.

### Men's Soccer

10/29 at UNC-W 7 p.m.  
11/2 at UNC-C 2 p.m.

### Women's Soccer

10/30 at Davidson 6 p.m.

### Cross Country

11/3 ACC Championships (Tallahassee, Fla.)

## UNC

Continued from Page 3

Whether or not the conditions added to the game, to the State players, this was an important win at this point in the season.

A loss would have bumped the Pack to 3-3 in the ACC, not a bad showing for one of the toughest soccer conferences in the nation, but a major disappointment for a team that started its conference schedule with wins over nationally ranked Maryland, Virginia, and Clemson.

"We needed this win to have a good draw in the tournament in Orlando, and to build our confidence for the next couple of games coming up," Welling said.

"This is a great way to battle back from our adversity the last couple of weeks," Ballenger said after the game. "To end up with a 4-2 record and hopefully a two or three seed, this is what we have been looking for."



Jeremy Ballenger celebrates his second goal of the season against the Tar Heels on Sunday.

## Clemson

Continued from Page 3

with eight kills and five digs.

State brought a balanced attack to the floor, with five other State players recording at least three kills. Peterson assisted 20 times in the games, by far the best of any State player.

The Jackets were led by the eight kills and seven digs of Danielle Olein. Setter Amanda Sabo paced Tech with a game-high 25 assists.

Georgia Tech improved to 13-13 overall, 6-5 against ACC competition.

The loss reaffirms State's sole possession of last place in the ACC, with a 1-9 showing after the weekend's matches.

State's expectations going into the weekend were high, and their attitude was positive. Unfortunately, expectations don't lead to victories — something the team could use a few more of. After back-to-back 20-win seasons, lofty expectations were placed upon Head Coach Kim Hall's squad. Thus far, regrettably, it has been a season mired by underachieving.

Wins aren't going to come any easier for the Pack, as the team plays six of its final eight conference games on the road. As the women have found out, the road is not a friendly place in this league.

## Cats

Continued from Page 3

more games overall than the Terrapins.

State, Wake Forest and Florida State round out the bottom of the conference standings. State's two wins in conference are one more than the single victory posted by the Deacons. And ESU may know about American football, but when it comes to traditional football they just stink, unless in conference and just 7-9 overall.

## Recycle

## NCSU Ice Hockey 1997-'98

10/10	at UNC	10:15 p.m.
10/17	at Duke	10:15 p.m.
11/5	Duke	9:45 p.m.
11/8	Hampton	11 p.m.
11/14	Georgia State	11 p.m.
11/15	Georgia State	11 p.m.
11/19	Duke	9:45 p.m.
11/21	Liberty	11 p.m.
11/22	at Hampton	8 p.m.
12/3	UNC	9:45 p.m.
12/5	Virginia Tech	11 p.m.
1/10	UNC	2:30 p.m.
1/16	Tennessee	11 p.m.
1/17	Tennessee	12:15 p.m.
1/23	at Liberty	10:45 p.m.
1/24	at Virginia Tech	10:45 p.m.
1/28	DUKE	9:45 p.m.
2/4	UNC	9:45 p.m.
2/7	at UVA	7 p.m.
2/8	at UVA	12 p.m.
2/20	at UNC	10:15 p.m.

## Soccer

Continued from Page 3

without it."

Mastroeni's career with the Wolfpack will end this semester, marking not only the end of his time here at NCSU, but also the end of six other seniors who have struggled through the rigors of ACC soccer for four seasons together. As these seven leave coach George Tarantini and 15 underclassmen behind, it is not the wins that he hopes they will remember about this group, but the way they accomplished their goals.

"I want them to remember that it takes more than just talent to become a good team. It is the hard work that you put in, the passion, and the practice, and the running," Tarantini said. "I want them to remember that the seniors aren't good leaders because they are the seven most talented seniors in the conference, but because they are the seven hardest workers in the conference. Seven seniors that will not take anything for granted."

But the day when Pablo Mastroeni stops playing soccer will surely be a sign that the apocalypse is soon upon us.

"My dream is not to stop here," Mastroeni said. "I feel like it would be a letdown if it stopped right here. I have, and so many people around me have invested so much time of their lives, if I was to stop, then I would feel like I wasted a lot of time."

The extra hours of drills, practice and running have paid off for Mastroeni, giving him the chance to play among the ranks of big-time Division I competition, fulfilling his dream, as well as offering him the internal pride that comes when a child knows that he has pleased his father.

"My dad is a fanatic. When we lose, he does more worrying, more stressing and sheds more tears than I do," Mastroeni said of his father. "He really lives the game, and I want to do it for myself, but there is always that extra motivation to do well for him."

On the other side of the coin, Mastroeni's mother has always just been there in support.

But unlike the parents that have pushed their kids into fulfilling the

dreams that they were unable to follow in their own childhood, Mastroeni's parents, along with his younger brother, have been the support system that has been behind him from the beginning. Mastroeni's 19-year-old brother used to play, but early on decided to spend his time on the American football field, and is now going to school to be an athletic trainer.

"I have one of the best families. They are always looking out from me, treating me almost like I was the man of gold," Mastroeni laughed. "They are always pushing me, motivating me. It is almost like it is the goal of the family for me to succeed, and not just mine own personal goal."

"If it ends here, it would be a big disappointment for me and my family," Mastroeni said. "I believe that I have had, definitely, some kind of help from some supernatural force to help me achieve what I have. I really believe that I am lucky or fortunate enough to get whatever I want. That some day I can play professionally. But I have never felt pressure, it has been fun, and I know that my family and my friends care about me no matter what."

All home games are played at Dorton Arena

# Can you match the following?

\_\_\_ ISLAM

\_\_\_ BUDDHISM

\_\_\_ NEW AGE

\_\_\_ CHRISTIANITY

\_\_\_ HINDUISM

- a. There are no gods or God.
- b. There are 300,000 gods.
- c. There is one God who can be known in this life.
- d. Human beings are God.
- e. There is one remote God who is the source of all good and evil.

### Answers:

Islam—e; Buddhism—b; New Age—d; Christianity—c; Hinduism—b.

- 5 correct: Religion major, right?
- 4 correct: Way above average...most college students think all religions worship the same God.
- 3 correct: Either you're a good guess, or you're pretty knowledgeable.
- 2 correct: Well, you know that there are some differences among religions.
- 1 correct: You need to broaden your circle of friends.

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## Cartoon teaches Internet savvy

■ A new animated character named "Cosmo" is opening up a whole new world for students.

LINDSEY GREENE  
Staff Writer

Using eye-popping animation, a quick-witted character may soon teach a computer literacy course at N.C. State and take children of all ages on an interactive voyage to help understand the Internet.

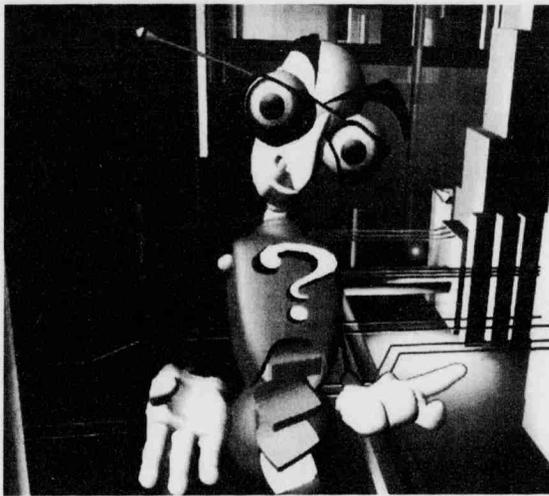
This new software program being developed at NCSU is allowing students to combine education with entertainment. Part computer game, part personal tutorial, the program teaches students about the inner workings behind e-mail and the Internet by using Cosmo, the Internet advisor.

Development of this student's virtual teacher is supported by a newly awarded \$600,000 grant from the National Science Foundation. In helping to develop the software, James Lester, assistant professor of computer science, said, "If you bore a kid, you lose them."

With this in mind, Patrick Fitzgerald, visiting assistant professor of design, and students at NCSU's IntelliMedia Initiative, Cosmo's Internet adventure is based in a quick-paced problem-solving format. The program's artificial intelligence allows Cosmo to react and remember students' solutions to problems and adjusts questions for individual skill levels. As the students' understanding grows, the game changes.

"There will be almost endless variations to play for skill levels ranging from kindergarten to entry-level college," Fitzgerald said.

Designed to be as likeable as it is easy to understand, Cosmo looks friendly and worm-like with large eyes and eyebrows to convey messages clearly. Large hands act as screen pointers and its antennae sag or stand tall depending if the answer is correct or not. After a 3-D virtual model of Cosmo was produced, refining the form into lifelike motion, speech was next. A professional actor's voice was used to dramatize Cosmo's energy and



Cosmo, created by some NCSU students and faculty member, will help students to explore the Internet.

encouragement.

Another virtual teacher designed by IntelliMedia, Herman the Bug, taught middle school students botany. This predecessor led the company to conclude that virtual teachers can be highly effective learning aids. Next spring, researchers hope to have Cosmo on campus teaching a course.

Plans for Cosmo also include a commercial software program for PCs and 3-D versions.

"With multimedia technologies, the goal is to make the interface so intuitive and easy to follow that the user doesn't even think about it. Ideally, students playing this game will be learning without even realizing it," said Fitzgerald.

## Technobabble

■ How secure is your data? Part 2: encryption.

CHARLES@SMA.SA.NC.SU.EDU  
Staff Geek

Anyone interested in the history of computers should know that encryption and code breaking were integral to the development of the first computers. Alan Turing and several other scientists from various fields created a complex, mechanical adding machine that was able to perform, for the first time, the rapid calculations necessary to break the German "Enigma" and Japanese "Purple" codes during World War II. Ever since, cryptography has progressed at the heels of computer technology. Today, computer encryption schemes have become so complex that some have claimed to be 100 percent unbreakable. While this claim may yet be disproved, with current methods the state of the art in code breaking would still take several millions of hours of processor time to break some commercially available codes.

In most cases, the effort to break the code far outweighs the value of the encrypted message.

So, you ask, what has all this to do with me?

I don't know how many of you write e-mail containing the juicy details of your secret affairs, or the plans for your breakthrough new invention, or the details of your highly illegal activities, but you might be surprised just how vulnerable your so-called "private" messages are. Consider the fact that anyone with the proper access, system operators and administrators, for example, can open your incoming mail without your knowledge. Though it is prohibited and very illegal, it can still be done. Consider also the number of computers that your e-mail goes through before it reaches its final destination.

It's not uncommon for a connection between N.C. State and another school's computers to go through more than a dozen routers. Any one of these can be compromised, or be the subject of a random NSA digital wiretap — the NSA regularly scans international cablegrams for certain key words and phrases, so it's not out of the question.

In any case, then, your private e-mail is subject to scrutiny by any number of government agencies or private hackers. For a different perspective, think of writing all of your mail correspondence on postcards, without even the scarce

security of envelopes. So, how do you ensure that your messages get to their recipient without being read by anyone else?

Encrypt them.

Traditional encryption, of the sort used in World War II by all sides, uses a single key to lock and unlock secret messages. This works well until the keys fall into the hands of the enemy. The only way to ensure secrecy is to come up with and distribute new keys. This would have to be done via some secure mode of communication. But then, if you have a totally secure mode of communication, why not just transfer your messages that way, too?

This brings us to public key cryptography. Though the term is somewhat misleading, public- or two-key cryptography, is far superior to traditional methods when communicating over the Internet. Without going into the exact how-to of sending and receiving coded messages, allow me to explain how two-key cryptography works. Before sending your secret message, you have to produce a key for yourself, as well as one for your recipient.

You both create private keys, which encode themselves based on your personal password. You then create public keys, which you exchange. The public key is based on the private key in such a way that no manner of analysis can produce a private key from a public one. The public key is used to encode the message, which can then only be decoded by the intended recipient's private key. It's much like a box that can be locked by one key, but can only be unlocked by another one. The person that encoded it, since they lack the proper private-key, public-key combination can't even read a message that is encrypted thusly. To secure your e-mail, you'll have to install software that performs the two-key encryption for you.

Pretty Good Privacy (one of the readiest implementations ever made) is widely considered the standard in personal encryption. PGP, for short, is freely distributed software that uses the Rivest-Shamir-Adleman (RSA) and IDEA (International Data Encryption Algorithm) algorithms to encode plain text or binary information for transfer over insecure channels, such as e-mail. RSA, for perspective, is used in some web browsers, as well as by the U.S. government to secure nuclear launch codes (according to PGP's author, Philip Zimmerman), and is considered superior to other

See **BABBLE**, Page 6 ▶

## Entman awarded position

■ N.C. State professor fills Lombard Chair at Harvard.

Forrest Staff Report

Robert M. Entman of Chapel Hill, a professor of communication at N.C. State, has been named visiting professor in the Laurence M. Lombard Chair at Harvard University's John F. Kennedy School of Government.

Entman will teach a course on "Race and the Media" in the Shorenstein Center on the press, politics and public policy. The course will explore the media's impact on race relations and public policy, as well as its impact on social and political relationships of blacks and whites. Earlier this semester, he presented a talk at Harvard, "Advertising Boundaries: Race and Intimacy in Television Commercials."

In selecting Entman for the semester-long Lombard appointment, Marvin Kalb, director of Shorenstein Center, said, "Few problems are more important to our society than race, in which the media plays a critical and significant role. Professor Entman is a superb scholar and an expert in this field."

The family and friends of Laurence Lombard, director of the Dow Jones Company for 28 years, established the Laurence Lombard Professorship to help build a body of knowledge concerning

the intersection of media and politics and their influence on public policy.

Entman has made a significant contribution to that growing body of knowledge. Currently, he is completing a book, "Living Black and White: Media and Race in America." An article, "Manufacturing Discard: Media in the Affirmative Action Debate," is scheduled to come out in the issue of The Harvard International Journal of Press/Politics. His "Mass Media Policy Innovation" appeared recently in "Innovation in American Government: Opportunities, Challenges and Constraints," published by the Brookings Institution. He is also the author of "Democracy Without Citizens: Media and the Decay of American Politics," co-author of "Media Power Politics," and senior author of "Diversifying TV and Radio."

Entman said, "No issue facing the United States is more important, I believe, than racial reconciliation. The media play a pivotal role in shaping the barriers against and potential for greater racial harmony."

Entman earned a bachelor's degree in political science from Duke University in 1972; completed graduate studies in political science at the UNC-Chapel Hill in 1973; received a doctoral degree in political science at Yale University in 1977 and earned a master's degree in public policy analysis at the University of California, Berkeley, in 1980. He joined the



Robert Entman, professor of communication, has been offered the prestigious Lombard chair at Harvard University.

NCSU faculty in 1994 and holds an adjunct faculty post at UNC-CH. Entman previously served on faculties at Northwestern and Duke universities.

## Your Horoscope

Aries (March 21 to April 19)

Agreements with others are easily reached early in the week. Later, couples reach an important understanding about their relationship. This weekend, joy comes from creativity, sports, and other entertainment.

Taurus (April 20 to May 20) Some are looking at some type of home repair this week. Family interests and dealings with financial consultants are favored in general. This weekend, be sure you restock that empty larder.

Gemini (May 21 to July 20) You don't have to try so hard to be the life of the party. Others notice you anyway. The weekend is favored for romance and leisure activities, provided you don't go overboard.

Cancer (June 21 to July 22) It's a week of fits and starts for you as you're plagued with inertia. Overall, however, you manage to get done what needs to be done. Be persistent in your efforts and you'll make career progress.

Leo (July 23 to August 22) You won't continue to be the apple of a certain person's eye if you insist on breaking appointments. Later in the week, a mini-getaway fits the bill. Couples enjoy a weekend at a favorite romantic spot.

Virgo (August 23 to September 22) If you're looking for financial backing for

something, this is the week to go after it. You have a lot of energy now and can make considerable career gains. Watch extravagance over the weekend.

Libra (September 23 to October 22) Some could be planning for a special vacation. A latter-week meeting with an advisor is fruitful. This weekend, couples share a child-rearing responsibility.

Scorpio (October 23 to November 21) That project you've been putting off needs your attention. You can no longer afford to wait. Others are impressed by your diligence. This weekend, don't go overboard in a shopping expedition.

Sagittarius (November 22 to December 21) You're in a party mood, but this will have to wait until the weekend. For now, there are things to be attended to. It's a good week to speak out at group meetings and express your views.

Capricorn (December 22 to January 19) Avoid a tendency to let things get away from you at work. Pay particular attention to niggling details. This weekend, both shopping and family life are highlighted. Indeed, it's a nice, quiet time.

See **Sign**, Page 6 ▶

## The weekly soap opera updates

**All My Children:** Jake confirmed that the pills Dimitri gave Edmund could cause him to act out in court. Brooke assured Laura of her continuing support. Meanwhile, Adam told Stuart he always thought Laura was trash. Jack and Erica shared a warm moment. Mateo fumed at Adam's plan to settle with TGA. **Wait to See:** Mateo uncovers the truth about the TGA crash.

**Another World:** Rather than expose Amanda, Matt took the blame for creating "Hadley," and devising the scheme to destroy Rachel and Carl's marriage. Felicia fled the hospital after looking at her damaged face. She was robbed by a homeless person. Shane told Vicky he still loves her. Grant warned Paulina not to reveal that Cindy gave her diet pills. Alex vowed revenge on Carl for what happened to Felicia. **Wait to See:** Felicia faces a new crisis.

**As The World Turns:** Barbara warned Hal to be very wary of Carl, who later felt out Hal about fatherhood. Holden was upset that Molly planned to have an abortion. Lily suggested they adopt her baby. Lucinda gave David an ultimatum:

Give up Emily or be cut out of her will. Nikki thwarted Carly's plan to get Hal alone. Ben is confronted by his stalker. **Wait to See:** Lucinda gets disturbing news.

**The Bold and the Beautiful:** James persuaded Maggie to sign an annulment agreement so that he could persuade Shelia to believe he loved her. Amber comforted Maggie that she'll soon have both James and the baby back with her. Brooke stunned Thorne when she said Taylor has misinterpreted what she saw the night she found Ridge and Brooke together. Brooke and Ridge hadn't had sex for ages! Meanwhile, Taylor left a message for Ridge at Forrester's, but Thorne found it and pocketed it before Ridge could see it. **Wait to See:** The flight to Italy produces mixed emotional reaction.

**Days of Our Lives:** Roman urged Eric not to tell Marlena he signed her jealous reaction at seeing Mike and Debra dancing together. Kristen flipped as the poison-dart toxin caused John to hallucinate that Hope was Marlena and asked her to make love to him. Susan opened her door to a "zombie."

T.C. was suspicious that Abby called the new guard, "mommy." **Wait to See:** Stefano tries to keep Hope from learning about Maison Blanche.

**General Hospital:** Alexis feared Luke was getting close to the truth about Katherine and Stefan's relationship. Carly was shaken when Bobbie confronted her about her baby's due date. Alan schemed to get Sarah not to tell Audrey what she had done. Jax persuaded Brenda to spend time with Julia. Lonnie told Felicia and Mac how much the doll meant to his late wife. **Wait to See:** Elizabeth is up to her old tricks again.

**Guiding Light:** Michelle reminded Ed about his past mistakes when he tried to stop her from seeing Jesse. Still suffering from amnesia, Buzz sought out Nola as a refuge from an unfamiliar world. Seeing Harley's heartbreak at losing her father again, Phillip decided to reach out to his little girl, Lizzie. Abby was shaken by an encounter with Roy. **Wait to See:** Reva reacts to Annie's boast about finding her sister.

**Sunset Beach:** Ben explained to

Meg he kept a portrait of Maria in his home to remind him not to let another woman hurt him as she did. Caitlin opened Cole's safety deposit box and found the money. During the lie detector test, Gabi's emotional state led her to believe she really had been raped. Virginia started a fire in the cabin as Michael and Vanessa became romantic. **Wait to See:** Olivia realizes she may not be able to keep Gregory from taking Catlin's baby.

**The Young and the Restless:** Cole charged Victoria with damaging their marriage by her long absence. Later, Ashley urged Cole to sort out his problems with Victoria before she (Ashley) could consider a relationship with him. Ryan was arrested for shooting Nina. Chris told Danny Brian could claim custody of Daniel if he learned he's the real father. Michael urged Phyllis to live to New York to make sure of Brian's silence. Dru worried about how Neil would react to learning she can't have any more children. Millie's long-lost daughter, Alice, called her. **Wait to See:** Veronica sees an "opportunity."

# Babble

Continued from Page 5

standard modes of encryption in use by the federal government. If none of this makes any sense to you, don't worry. Only true geeks, the paranoid, and those few people dealing with highly sensitive materials via e-mail really need to worry about encryption. But then, who's to say that your private correspondence isn't highly sensitive material? Some versions of PGP are commercial products, but free versions are available to download by anyone in the U.S. or Canada at [web.mit.edu/network/pgsql.html](http://web.mit.edu/network/pgsql.html). Several programs available for any platform are basically front-end interfaces for the PGP program. Some e-mail reader programs, like Eudora, also offer PGP plug-in support. The program comes with

extensive documentation on how to use and verify public keys, as well as the touchy legal aspects of using encryption software — it is treated as weapons-grade munitions if you try to export it. PGP is in my personal arsenal, and I keep a copy around in case someone needs to send me something confidential. Well, last week I promised to tell you a way to keep all your passwords secure, and so here goes. Using a simple word processor, type in the pertinent information and save it as a plain ASCII text file. Encrypt that file with PGP, and sign it with your key so that only you can read it. You might even send that encoded file to a trusted friend, then delete it from your own computer. If you lose track of a password, you can have them send it back to you without fear of their being able to read it.

If you have any computer or technology questions for our resident geek to answer in Technobabble, please e-mail

# Sign

Continued from Page 5

**Aquarius (January 20 to February 18)**—This is the week to be assertive and go after what you want in your career. Place your accent on initiative. Later, you can feel free to enjoy some leisure activities with good friends.

**Pisces (February 19 to March 20)**—A brighter financial picture has you breathing a sigh of relief. However, that doesn't mean you can go out on a wild spree. Later in the week, you handle a tough problem at work successfully.

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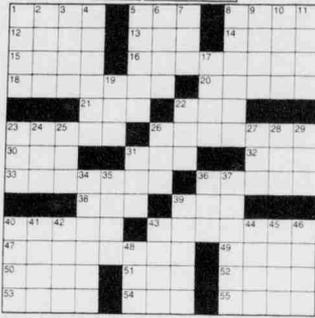
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## CROSSWORD By Eugene Sheffer

- |   |                              |                               |                           |
|---|------------------------------|-------------------------------|---------------------------|
| <b>ACROSS</b>                           | 36 Bias-cut macaroni         | TV fare                       | 17 Oil org. Ph. bk. data  |
| 1 Goblet feature                        | 38 This and water...         | <b>DOWN</b>                   | 19 Ph. bk. data           |
| 5 Aries                                 | 39 ...don't do this          | 1 Detail...                   | 22 Thither                |
| 8 Injure                                | 40 Under way                 | 2 Commotion                   | 23 Atl. count-erpart      |
| 12 Game played with mailets             | 43 What a couch              | 3 "Mono-poly" util.           | 24 Author                 |
| 13 "Eureka!"                            | 47 Crested potato does title | 4 Start of a Marx Bros. title | 25 Circle section         |
| 14 Stage statuette                      | 49 "Consums it all!"         | 5 End of a Marx Bros. title   | 26 May                    |
| 15 Garden of —                          | 50 Enlarge, old-style        | 6 "Hey!" to a sailor          | 27 "Ich bin — Berline"    |
| 16 Copra providers                      | 51 Approvals                 | 7 Unnamed man                 | 28 Abby's sis             |
| 18 One whose aspirations are misplaced? | 52 Loosen                    | 8 Square meter maid           | 29 Guitar's kin           |
| 20 "For — sake!"                        | 53 Not barefoot              | 9 Touch                       | 34 Caught                 |
| 21 Dawn deity                           | 54 Teensy                    | 10 Cerem-ony                  | 35 Beatles'               |
| 22 Undeni-ably                          | 55 Daytime                   | 11 Disarray                   | 36 Snapshot               |
| 23 O'Neill output                       |                              |                               | 37 Mass emigration        |
| 26 French dramatist/poet                |                              |                               | 39 Large deer             |
| 28 Linguist                             |                              |                               | 40 Dogfight partici-pants |
| 31 Unfavor-able review                  |                              |                               | 41 French marshal of WWI  |
| 32 Danson sitcom                        |                              |                               | 42 Eight (Sp.)            |
| 33 O.J. lawyer                          |                              |                               | 43 Coal byproduct         |

The answers to today's crossword can be found elsewhere in Technician



**STUMPED?** For answers to today's crossword, call 1-900-454-6873 (99¢ per minute, touch-tone / rotary phones (18+ only). A King Features Service, NYC.

11-4 CRYPTOQUIP  
PT YTQD YZOKDNY YBG  
GTPDIZOK ZY YZQAIG  
YITAD TADNB?

CRYPTOQUIP: DO SOME SINGERS SVA  
MODELING IS SIMPLY SLOPE OPERA?

## The last challenge of a socially conscious society?

Depression strikes millions—indiscriminately. Depression is a suppression of brain activity that makes life unbearable. And even though depression is readily treatable, only 1 in 5 ever seeks treatment. Why do so many just drag themselves along or eventually seek relief through suicide? First, there's the lack of awareness of depression—as an illness and as the threat that it is to each and every one of us. Second, there's the unwarranted negative stigma attached to it. You know, the "mental" thing. It's time to collectively face depression. To know it's an illness, not a weakness. And it's a challenge that's long overdue. It's taken too many of us already.

### UNTREATED DEPRESSION

#1 Cause of Suicide  
Public Service message from SAVE (Suicide Awareness/Vocals of Education) <http://www.save.org>

## Computer Questions?

Get free technical advice every Monday in **Technobabble**, a column in the Frontiers section. Send computer related questions or concerns to [Charles@sma.sca.ncsu.edu](mailto:Charles@sma.sca.ncsu.edu).



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Tuition



Dentist



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Concerts



Cabs

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3 Year	4.5	4.5	4.5	4.5	4.5	4.5
5 Year	4.5	4.5	4.5	4.5	4.5	4.5

## Editorials

### Helping the ocean

■ Heading to the beach will soon be for the education of N.C. State students.

N.C. State, with help from UNC-Chapel Hill, Duke University and Carteret Community College, is planning to build a coastal research and teaching facility called The Center for Marine Science and Technology.

The facility is to be built in Morehead City and will represent five colleges from NCSU: Agriculture and Life Sciences, Physical and Mathematical Sciences, Forest Resources, Veterinary Medicine and Engineering. It will benefit students of all majors in these various and distinguished colleges at NCSU.

The four-story building, which will be 45,000 square feet in size, is scheduled for completion by Dec. 23, 1998.

Residence Halls will be built near the location of the facility so that students involved in the longer research methods will not have to worry about the concerns of commuting. They will also enable students to be "on-hand" whenever duty calls. Students will be able to concentrate more on their research and not have to worry about being too far away whenever important research information arrives. And if students have a place to stay, more students will be able to participate in the research.

Despite the fact that some people probably think that NCSU and UNC-CH could never have a "relationship," the two schools will be working together to build the facility and widen our universities' research methods.

This facility may bring NCSU and UNC-CH students together, both

educationally and personally, despite the rivalry that has always existed. With the schools and students working together, more projects can be undertaken to benefit students, and the facility should help foster a better attitude between NCSU and UNC-CH.

The National Marine Fisheries Service and the N.C. Sea Grant will provide their assistance in the building process and in studying the research.

The facility will be installed with high-technological equipment, which will enable researchers to undertake complicated procedures and research.

The project is being funded by the public's tax dollars. North Carolina consists of a large coastal community, and this research will provide all N.C. residents with a greater understanding of marine life and the research involved.

Students will benefit the most from the construction of this new facility because they will receive more hands-on experience and a wider knowledge of research methods, procedures and education.

The facility could not have come at a better time, as water pollution is a major concern for North Carolina; fish are washing up on the shores of rivers and lakes, and pollution in the ocean is killing aquatic life.

Researchers and students may be able to learn more about North Carolina's coastal areas and what people can do to reduce problems. The facility could help explain why so many fish are washing up dead and why our beaches are getting worse. When the facility is complete and research is in process, NCSU, with the help of UNC-CH, could help to eliminate some of the problems with our oceans and seacoasts.

### What do you want in life?

■ Students should get the most they can out of life.

Many college students don't know who they truly are, or what they want out of life.

Recently, August Turak, a founding employee of MTV and CEO of the fastest growing Triangle business, Raleigh Group International, came to campus to help people find the answers to what they want out of life.

Turak studied for five years with American Zen master Richard Rose.

So, what can college students learn from Turak?

He said that once most humans get past the newness of life, they spend the majority of their lives searching for an elusive happiness.

Many students become unhappy during their college years. Stress from classes and everyday life can depress anyone. The newness of independence and the pressure of upper-level classes can have a deteriorating effect on your life.

The college years open a window of opportunity. You're on the edge between childhood and adulthood. Now is the time to explore the world and find yourself.

There are many opportunities to do this. For example, you can study abroad or get a job doing something you enjoy. You can take classes on various subjects to satisfy your thirst for knowledge.

By doing new things, you can learn a lot about yourself. You may discover what you really want in life. You can also take the opportunity to break out of your shell and find out who you really are.

Doing things like this will foster confidence in your abilities and by extension, yourself. And who doesn't need more confidence in themselves?

If trying to find these means dropping out of school, maybe that is the way you should go. You have to do what you feel is right for yourself, despite all odds.

While this opinion is certainly not advocating dropping out of school, you can learn a lesson from seeking answers: pursue your dreams. If there is something you want to do, go for it.

Turak also went to someone he felt he could get answers from, his mentor, Rose. If there is someone out there you fell can provide you with help in discovering these answers, you should get in touch with this person. Even if they don't respond, you went looking for knowledge. And that is truly what college and finding yourself are all about.

So, take time to reassess what it is you want out of life. Is it making all the money you can and having the best clothes and the best car? Probably not. But if you don't stop and look around yourself now, you might miss out on what you're looking for.

### Campus Forum Policy

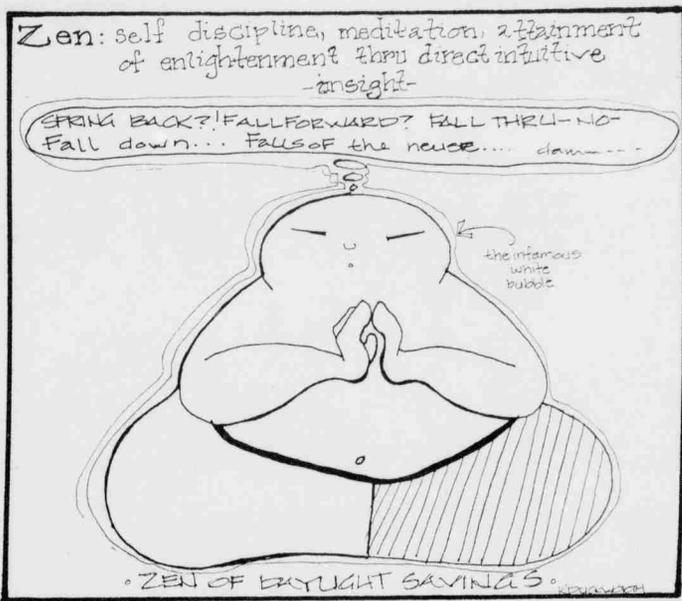
Technician welcomes Campus Forum Letters. They are likely to be printed if they:

- 1. Are limited to approximately 350 words.
2. Are signed with the writer's name, and if the writer is a student, his/her major

Technician will consider all submissions, but does not guarantee they will be published.

All letters are subject to editing and become the property of Technician. Letters should be brought by Suite 323 of the Witherspoon Student Center, P.O. Box 8608, N.C. State, Raleigh, NC 27695-8608.

Forum Letters may also be submitted via e-mail. The forum's address is TechForum-L@ncsu.edu.



### The lessons of college

NATALIE DUGGINS Staff Columnist

I woke up on Aug. 18 in a new place, a new environment, and, in essence, a new world. I woke up not knowing what to expect during the next nine months of my life. The uncertainty of what lay ahead was compelling — almost to the point of not going to college at all. But for some reason beyond explanation, I woke up that Monday morning and began this whole college thing. Within a period of two months, I have learned lessons, not only about college but also about the specifics of life.

Lessons #1: Physical distance is only an obstacle if you allow it to be. The shortest distance between two points is not a straight line between those two people; it's a straight line between their hearts and souls. If two people are connected spiritually, you can put 10 or 10,000 miles between them and it will not make a bit of difference.

In these past two months, I have had to deal with not seeing my best friend for weeks at a time. I have to be content with our sporadic phone conversations and occasional letters to bridge the gap between Buies Creek, N.C. and Raleigh. I've learned, though, that true friendship

can and will persevere over anything.

Lesson #2: These past two months have taught me one thing above all else — being in college and being broke are synonymous. They go together like peanut butter and jelly. If you run into someone who asks you for money, you can just respond with "I'm in college," and they seem to understand. You don't go to parties where you cannot get a discount on the price of a cup. You don't go to Marts on Thursdays anymore merely because you enjoy the environment — it is because you get a discount on the price of the cover.

All of a sudden, the words "bad" and "free" don't belong in the same sentence. Anything that is free does not look bad. You spend 10 minutes filling out applications for some credit card, not because you really want that credit card, but because you want that nifty free T-shirt that you can get. And don't pretend that you don't do it either ... actually, I bet that most of you have filled out the same application more than once, just to get that free shirt. You do not go home anymore just to visit the family — you go because doing laundry at home doesn't cost anything.

But the worst thing is what broke college students will do for a meal.

As if having a meal plan wasn't bad enough, you start joining clubs just because the flyers say "free food." (Oh, and just in case there is anyone out there who this scenario doesn't apply to, e-mail me so I can send you information about the Natalie Duggins scholarship fund).

Lesson #3: Perhaps the most ambiguous lesson that I have learned since I've been here is that of appreciation; everyone needs to feel appreciated. I recognize that it is meaningful, but at the same time, I'm in awe of the sheer ludicrousness of having waited this long to appreciate what I have/had. I have lived with the same family for what seems like eons; but yet, I feel closer to them now that I don't have to encounter them daily. For the first time that I can recall, I told my parents that I love them ... just because of this education I've received about life.

I moved from Garner, a town where, for the most part, everybody knew everyone else and their business. To some extent, I appreciate that now just because I have to walk around a campus where so few people know that I exist. "Everyone needs to know that they matter. Everyone needs to know that someone out there gives a damn," someone once told me.

See DUGGINS, Page 9

### Don't laugh at the klutz

KELLY MARKS Staff Columnist

I'm a klutz. I'm admitting it — it's not like it's not already obvious to the world or anything, but I needed to start this column out somehow. A direct declaration seemed the most suitable to my purpose. And what is that purpose, you wonder?

Believe me, you're not alone in your pondering — most of the time I can't even figure out what I'm doing. Sometimes I just sit there and look toward the heavens and think, "What's the deal?" Then I start getting introspective. I begin questioning my place in the world until I realize that I'm hungry and I go get some chips; by the time my appetite has been mollified, I've lost track of what I was thinking.

What was I thinking? Oh, I was going to launch into the purpose of my writing this. There is one. I promise.

So, I'm a klutz. I say this proudly now, but it hasn't been all that long since such a label would have made me wince. My athletic ineptitude and lack of coordination was at one time the bane of my existence.

As a child, I was pretty much fearless. I ran wild through my backyard — untamed by the world, and oblivious to the fact that I apparently run on the tips of my

toes like some displaced ballerina. In fact, I was never really conscious of the fact until one day in gym class and continued to point it out for the next three years.

But that's not really my point here. The point is, that besides running like a ballerina, I tend to fall down a lot.

In light of that statement, it's pretty surprising that I've never broken a bone in my body. I've been bruised, I've jammed fingers, and I hit a clothesline once that left a long, deep impression across my forehead, which took a week and a half to fade; but I've never been seriously injured. In all of my many stumbles, slips and spills, the only thing that's ever been scarred was my pride and that was only because I let it be.

I used to get embarrassed when I was walking down the street and something tripped me up. In fact, there were a couple of years that I felt that all things made of brick and cement had formed an alliance with the sole purpose of making me look like I couldn't perform the simple act of walking upright. I pictured the bricks crouching down, timing my footsteps, only to lurch out of the mortar and thrust upward into my path just as I approached with a rallying cry of "Let's get her!"

Okay, so I was paranoid then, too.

I was suspicious of the universe, fearing some cosmic alignment that would make me fall off a building or stumble into a cement mixer. Even my shoelaces were suspect. I'm the only person I know who has actually stepped through my shoelace, getting caught up in the bow and toppling to the ground.

But one day, I realized something. Falling down doesn't have to be a source of shame — it can be a spectacular event that warrants the undivided attention and admiration of an audience. The trick is, don't be afraid of embarrassment — revel in it. Laugh it off and mean it.

I think it's the funniest thing in the world when I fall down. I am a constant source of self-amusement. I'm also a source of entertainment for my friends and occasionally, the entire Brickyard. But this doesn't bother me because it's on my terms. They honestly are laughing with me even when they're laughing at me, because I think it's pretty funny, too.

Sometimes people just put too much stock into another's opinion of them. It's unavoidable really. I mean, it's a part of human nature. Humans are needy beings compared to the rest of the animal kingdom. We're the only species that constantly seeks the approval of our

See MARKS, Page 9

### TECHNICIAN

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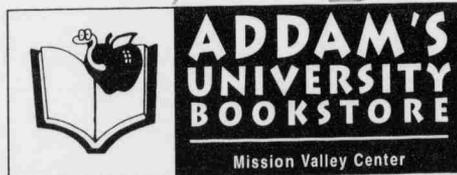


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# Duggins

Continued from Page 7

It's all about appreciating what you have or had and not taking things for granted.

**Lesson #4:** Don't waste time talking to those misled preachers that frequent this college campus. It is utterly pointless. Granted, it upsets me to hear rhetoric about the eternal damnation of my soul due to my "loose lifestyle," as one preacher called it, but saying anything is pointless. So, you sit there and argue with him about the validity of the death penalty or why abortion should be legal ... and what have you accomplished?

Absolutely nothing. You have just wasted 15 minutes of your time being entertainment for the crowds of students sitting nearby. Your opinion hasn't changed; you're just a little more adamant about it now, and his hasn't changed either. There's an old Ibo Proverb that says, "Do not argue with a fool, for people will not be able to tell the difference between the two of you." At the beginning of the year, I didn't subscribe to that theory, but now

that I've learned, I do.

**Lesson #5:** I came to N.C. State with these preconceived notions about people that involve themselves with fraternities and sororities. I thought that all the girls involved in those types of things were snobby and stuck-up, while all the guys were merely idiotic drunks. Now "don't trip" (as my suitemate would say). There are people who personify those characteristics, but a majority of them aren't like that.

The Greeks that I have a chance to get to know have transcended all my stereotypes and are full-fledged members of the human race, such that it is. The sorority girls I know aren't snobby, and most of them are rather smart. The fraternity guys I know aren't obnoxious drunks; they are actually a few of the nicest guys I've met on this campus. Don't get me wrong — I'm not going to run out and pledge to a sorority or anything, but I've learned to be a little less stereotypical about Greek life and a little more understanding of your shows of solidarity (notice I said a little).

**Lesson #6:** The immutable William Corgan once sang "Well, I've been afraid of changing 'cause I built my life around you." I've learned that change is a scary thing,

and it takes a lot of effort and determination to grow into a better person. For the most part, however, change is a good thing. You have to search for a reason to change despite inclinations that you shouldn't ... it's this thing that I call the "better good." It's changing despite adversity that makes people "better" and stronger.

Now, let's not confuse this with the "bad" form of change. I'm talking about changing because it is necessary for you to be content with yourself, not that "conformist crap," about changing to appease others. I've learned not to be afraid of changing to attain contentment, but to be afraid if you're not content and don't see the need for change.

Okay that's it ... the six lessons I've learned since I stepped foot on this campus two months ago. I know that you're probably wondering why I wrote this column — well, I'll tell you — I wrote most of this early Sunday morning and it was due later that day. It was either a column about lessons I've learned or my conspiracy theories about Dean Smith's departure (and I'm sure not many of you wanted to hear that).

— a tiny little flame that the embarrassed party is desperate to extinguish. And why? Because they feel silly.

I ask, what's wrong with being silly? It's all relative, anyway. To err is human, so why obsess over the inevitable? Enjoy it while you can.

There are a lot worse fates in the world than making a fool of yourself. Inanimate objects really could join forces against you and drive you off the side of a cliff. Be glad it was just a little trip over a rock or a slip down some stairs. Just shake your head, laugh and go on.

Just make sure you watch your step.

*Kelly really is just as big of a klutz as she says. She neglected to mention several instances involving tumbling from the top bunk. And her shoes are hazardous to her health. E-mail her and, unless there's some horrible incident in the computer lab (cords can be tricky), she'll get back to you.*

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# Marks

Continued from Page 7

peers. You don't see rabbits running around in designer labels trying to convince the rest of the furry woodland creatures that they're hip to the times.

Bears don't spend thousands of dollars yearly on diet products and facial hair bleach to try and meet some sort of bear ideal of beauty.

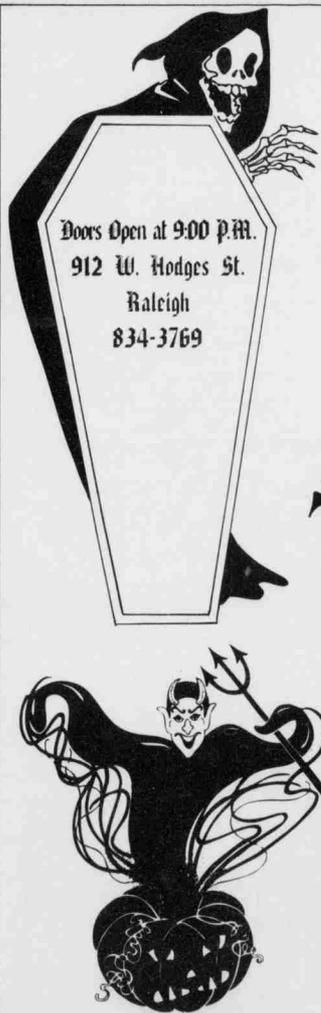
How many dolphins put on intellectual facades or tote around copies of the metaphysical poets in an attempt to impress their friends with their vast array of knowledge?

I was watching a squirrel the other day. It was one of those rare moments when all I had to do was just sit outside and look at things vacantly. The squirrel caught my attention because he was frolicking on some pretty scrawny looking branches and I was just marveling

at his innate sense of balance when he missed the limb he was aiming for and hit the dirt instead.

He was fine, which was impressive considering the height from which he fell, but the thing that most caught my attention was the finesse with which he fell. He didn't look back up at the tree, trying to push the blame off on a slippery leaf or an unseen acorn that obstructed his path. He wasn't sheepish about the incident, nor did he puff out his chest with importance as if to communicate the message, "Oh, I meant to do that." He just sat up, shook his head and went right back up the tree.

Embarrassment is a funny emotion: it's one of the only ones that stifles action rather than inspires it. People commit crimes in the heat of passion or anger, they whoop joyfully with glee but embarrassing situations tend to make one want to retreat into the wall. About the only reaction that comes with embarrassment is the slow burn that rises up the cheeks



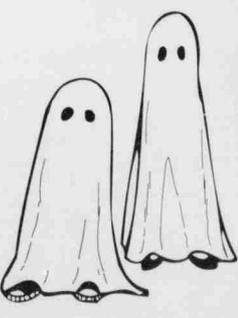
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# Parties differ on education reform

■ Republicans and Democrats alike have yet to form a plan for reforming the U.S. public education system.

ELAINE S. POWICH  
Newsday

When Rep. Carolyn McCarthy, D-N.Y., walked into Uniondale (New York) High School last week and was greeted by enthusiastic and articulate students and a foot-tapping jazz quintet, it reaffirmed her core belief that public education is OK.

McCarthy, who has visited nearly a school a week for nearly a year, acknowledges there surely are problems in public schools, particularly urban ones. But she rejects many of the solutions being offered by Republicans in Congress, including vouchers for private education and educational savings accounts to pay private school tuition as well as miscellaneous school-related expenses.

"When you start talking vouchers, you start taking money away from public schools," said McCarthy, who serves on the House Committee on Education and the Workforce. "Put the money in the public school system."

But supporters of vouchers and tax-free savings accounts directed toward education disagree. They say that by helping poor and middle-class parents choose private schools, the measures would force the public schools to improve to compete.

McCarthy says parental and business community involvement is important to maintaining good public schools, and she urges her colleagues in Congress to spend more time in schools.

Maryanna Arata, 17, senior class president at Uniondale, where most of the students are members of minority groups, noted during McCarthy's visit that "people always underestimate public schools. They always talk about

private schools, but our programs here are really good." Arata demonstrated her savvy by hitting up McCarthy for her endorsement for an appointment to the U.S. military academy at West Point during the congresswoman's visit.

House Speaker Newt Gingrich, R-Ga., has made education Congress' focal point for the fall and has highlighted one place where public education is demonstrably bad. He has visited ailing schools in the District of Columbia and led the drive to put the voucher issue into the pending District of Columbia appropriations measure.

President Clinton has threatened to veto the District spending bill if it contains vouchers, but, undaunted, Republican voucher supporters still are pushing them. In separate legislation, Republicans also back the creation of tax-free savings accounts, which would allow tax-free savings of up to \$2,500 a year to hire tutors, buy computers or send kids to private schools nationwide. Clinton is opposed to the savings account idea as well.

Last week, the House voted 230-198, mostly along party lines, to support the educational savings accounts. This week the Senate takes up both the savings account legislation and the District spending bill, which is hung up over the voucher issue, with Sen. Edward Kennedy, D-Mass., mounting a filibuster.

Senate Majority Leader Trent Lott, R-Miss., has promised to take up the educational savings accounts issue before Congress adjourns next month. Sen. Paul Coverdell, R-Ga., sponsor of the measure, estimates he will have enough votes to break a filibuster on the savings accounts, but perhaps not enough to override Clinton's expected veto.

The political battle over education comes at a time when the federal budget is on its way to being balanced, the nation is at peace and the economy is performing well.

See REFORM, Page 11

## National



NEWS

# Computer chips for the brain

■ Scientists say they have developed a chip which could be used to enhance various brain functions.

RICK WEISS  
The Washington Post

If you've ever wished for a memory upgrade in your head like the ones you can buy for your computer, you'll be happy to hear researchers have made a chip that interfaces directly with brain cells.

Scientists say similar so-called neurochips could someday be used to wire small cameras directly to brain cells, helping blind people see. More immediately, the research may shed light on how neurons communicate and how memories are made.

Researchers at the California Institute of Technology created the silicon chips with standard integrated circuit techniques. The chips are pitted with 16 depressions, each about half the diameter of a human hair; each depression is attached to a tiny electrode that feeds into a computer. The researchers filled each well with nerve-nourishing substances, then placed individual neurons from embryonic rat brains into each well and allowed them to grow.

The neurons grew extensions over the walls separating the wells and made connections with each other as they would in a developing brain, the team reported Sunday in New Orleans at the Society for Neuroscience's annual meeting. The built-in electrodes detect individual firings between nerve cells, which resemble the electrical pathways that etch memories in the brain, and the computer is analyzing factors that affect neuronal communication. Eventually, the researchers said, the chips could be used to enhance various brain functions.

# Marijuana debate continues

■ A report published Sunday says that active chemicals in the controversial drug could be used to treat serious pain.

ROBERT LEE HOTZ  
Los Angeles Times

NEW ORLEANS - Adding new fuel to the controversy over medical uses of marijuana, researchers reported Sunday that active chemicals found in the plant could serve as an effective remedy for the millions who suffer serious pain each year, without the unwanted side effects of more traditional morphine-like drugs.

New animal studies by research groups at the University of California, San Francisco, the University of Michigan and Brown University show that a group of potent chemicals known as cannabinoids, which include the active ingredient in marijuana,

relieve several kinds of pain, including the kind of inflammation associated with arthritis, as well as more severe forms of chronic pain.

The scientists said they believe the new research opens the way for a new class of drugs to control pain.

Marijuana's painkilling properties have long been an unheralded - and unconfirmed - staple of medical folklore, but now, sophisticated animal studies of the active biochemicals in marijuana, presented Sunday in New Orleans at a meeting of the Society for Neuroscience, for the first time demonstrate that they have a direct effect on pain signals in the central nervous system and other tissues.

Unlike the current crop of painkillers based on opiates, the new class of chemicals is not addictive, nor does it appear to carry the risk that patients may develop tolerance for it and require increasing doses, the new animal research indicates.

"Cannabinoids, at least in animal

models, can reduce pain," said UCSF pharmacology expert Ian Meng, who is studying the painkilling properties of several synthetic cannabinoids.

To discover how these substances regulate pain, researchers traced the tortuous biochemical pathway that pain signals follow from the site of an injury, through the spinal cord, to the brain. In their experiments, they used both the active ingredient in marijuana - a chemical called delta-9-THC - and an array of more powerful synthetic creations.

Scientists discovered that molecular receptors to which the chemicals can bind are so widely present that researchers at the Medical College of Virginia now suspect that naturally occurring cannabinoids may govern the body's basic threshold of pain. Marijuana is the newest of nature's analgesic compounds to attract scientific attention. From aspirin and willow bark, to opium and poppy flowers, most modern painkillers are derived originally

# Onscreen smoking goes to trial

■ A California lawmaker is challenging the film-making industry by claiming that onscreen smoking is affecting the nation's youth.

MAX VANZI  
Los Angeles Times

SACRAMENTO, Calif. - Armed with new evidence of a growing trend, a veteran state lawmaker will conduct a hearing Monday at Hollywood's doorstep to argue that movies needlessly glamorize smoking for impressionable youngsters.

Sen. John Burton, D-San Francisco, has lined up witnesses who will charge that by just watching screen stars smoke, young audiences are lured into lighting up. "Hollywood's increasingly common depictions of characters smoking on screen sends kids an entirely dangerous message that it's cool to smoke," said Burton.

Burton, chairman of the Senate Judiciary Committee, said he lacks the power, or the desire, to legislate against the entertainment industry. But he said that by presenting

witnesses who will draw attention to the consequences, he hopes to "heighten awareness" among filmmakers who employ smoking for dramatic effect. He said he is counting on "responsible people in the industry to do the right thing."

Burton's hearing at the Screen Actors Guild offices in Los Angeles represents another front on which government has sought to influence mass entertainment content.

Since last year, President Clinton and Vice President Al Gore joined demands from parent groups to rate sex, violence and rough language on TV. Federal law enacted in 1996 warned that the government would impose ratings if the industry did not do so on its own.

The pressure resulted in self-imposed rating practices by most television networks that are now viewable on TV screens.

Since then, Gore and first lady Hillary Rodham Clinton also have spoken out against the amount of smoking seen in movies and TV.

Although none who were approached for this article would comment in person, several directors and actors are known to oppose attempts to get them to cut back on using smoking as a dramatic prop, despite possible consequences for their audiences. Nationwide, 3,000 youths every day start smoking, according to Jennifer Frey, executive director of Children's Action Network. The organization encourages movie makers to send messages in their films showing dangers, rather than the allure of smoking.

Two recent academic studies argue that movies more often glamorize smoking. One study showed a sharp rise in smoking in films, the other offered evidence that minors are directly influenced.

In the mid-1990s, according to new data from University of California, San Francisco researchers, smoking among lead actors was on the rise in top-grossing films, running four times the rate of smoking among the population at large.

A co-author of that study, Stanton A. Glantz, a professor of medicine who co-wrote "The Cigarette Papers," which accused the industry of covering up the dangers of smoking, is among those scheduled to testify at Burton's public hearing.

TV is less smoky, research shows. A 1995 study by the American Lung Association found that of the movies reviewed, smoking occurred five times as much in television episodes reviewed.

The effects of smoking by attractive movie characters is not lost on young audiences, concludes marketing professor Cornelia Pechmann of the University of California, Irvine, in her 1995 study of 800 Southern California ninth-graders.

See SMOKING, Page 11

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# Columbian guerrillas enforce election boycott

Leftist groups used violent means to force about 2,000 candidates to withdraw from regional elections.

STEVEN AMBRIS AND JUANITA DARLING  
Los Angeles Times

**BOGOTA, Colombia** - With bombings, abductions and the election eve killing of a priest, Colombia's two main guerrilla groups violently enforced their boycott of local and state elections Sunday.

The government was humiliated as citizens in a large swath of rebel-controlled countryside largely ignored President Ernesto Samper's televised plea Friday that Colombians vote en masse in a symbolic referendum for peace. While figures were not immediately available, indications were that turnout was well below the usual 40 percent. Election results are expected Monday.

In the run-up to the elections, more than 2,000 candidates were bullied into withdrawing through kidnappings and death threats - backed up with the killings of at least 40 candidates who had refused to pull out. Thirty candidates withdrew in about one in four of this country's 1,072 municipalities.

Analysts said they fear that the elections could leave Colombia's democratic tradition in its worst shape in years as military officials are appointed temporarily in towns where elections could not take place.

But as the leftist insurgents showed their power by disrupting the elections, they may have undercut international support for their movements, already questioned because of their main sources of financing: kidnapping, extortion and "taxes" on cocaine and heroin production.

International condemnation of the rebels' election boycott increased after two Organization of American States election observers were kidnapped by the guerrillas late last week and a priest was killed Saturday night in a rebel attack.

"Despite what representatives have told us about their willingness to respect international norms, so far their words have not become deeds," Jose Miguel Vivanco, executive director of Human Rights Watch/Americas, said in a statement demanding the immediate release of the observers.

And in the most critical report yet on the guerrillas' human rights abuses, the U.S. think tank Washington Office on Latin America charged Sunday: "Colombia's two main guerrilla groups - Revolutionary Armed Forces of Colombia, (FARC), and the National Liberation Army, (ELN) - are also responsible for a litany of abuses, including the arbitrary or selective killing of civilians." The report also berated the government and the country's illegal party armies.

Abuses increased during the four

months of terror that began when the FARC announced it would join the ELN in the election boycott: in a two-day period last week, 11 people were killed in a wave of bombings and assassinations.

Although the guerrillas control large regions of the countryside, they are not a serious threat in Colombia's major cities. Thus, the election boycott was enforced in a broad geographic region - about 40 percent of the country - but affected a relatively small portion of the population.

Still, affected areas included towns tellingly near the capital, Bogota. Voting was canceled in Nazareth, a hamlet of 100 in the county of Sumapaz, which borders Bogota and has been controlled by the guerrillas for decades.

Nearby Venicia, just 66 miles from the capital, drew only one voter from a population of 5,000. All the candidates had withdrawn. The single vote sat at the bottom of a transparent urn as voting officials played dominoes. None of them planned to vote.

All shops were shut and only soldiers stood in the streets of San Vicente del Caguán - a city of 35,000 in the Amazon state of Caqueta, where the FARC controls nearly every village and town except the state capital.

"You can't talk of an expression of the popular will here," said one terrified resident who refused to be identified. "There has been incredible pressure to prevent

elections." Gunmen firing on potential voters forced five towns to suspend elections in the state of Narino on the Ecuadorian border. In the neighboring state of Putumayo, two youths rode on a motorbike through Puerto Caicedo, a town of 2,000. Sunday morning handing out fliers that forbade locals to vote or take their cars out.

"None of the electoral officials turned up," Bairahelen Cordoba, secretary to the registrar in Puerto Caicedo, said with a nervous giggle. "And nor did any of the voters."

In many areas of Colombia, brutal violence had already made the elections virtually meaningless. In the northwest, where the right-wing private armies control arms and drug smuggling, fierce fighting with the guerrillas has emptied towns of all their inhabitants. The towns, however, are still officially registered as election sites.

Although the armed forces were on maximum alert across the country - with troop carriers cruising rural roads, and machine-gun toting police and soldiers standing in tense vigilance at polling booths - the government's lack of authority was painfully obvious in huge swaths of the country.

"The democratic system here is very, very weak," Nabor Alfonso Villa, the mayor of Belmira, north of Medellin, said. The government has not kept its promise of protecting the electorate, he said, and even where there is protection during the elections, the reprisals will come afterward.

# Bosnian city is key to Serb power struggle

NATO forces hope that propaganda will help to favorably sway the opinions of the rivaling Serbian groups.

LEE HOCKSTADER  
The Washington Post

**BIJELJINA, Bosnia-Herzegovina** - At least twice in the past few weeks, NATO helicopters have taken off after nightfall, circled once or twice over this small city in the Balkans and dropped a payload of political propaganda on the sleepy populace below.

The propaganda, in the form of white-and-blue leaflets, is laced with grammatical errors and tainted by association with its distributors, according to critics. Despite the imperfections, it's the latest weapon to be deployed in the bitter battle for hearts and minds between rival factions in the Serb-controlled half of Bosnia.

The leaflets leave no doubt that the rich Western powers, which are spending \$1 billion annually to rebuild this country, support Bosnian Serb President Biljana Plavsic, though they do not mention her by name. They make clear the West opposes the clique around Plavsic's arch-rival for power, Bosnian Serb ex-President Radovan Karadzic, and will block the Bosnian Serbs from receiving aid money so long as these "selfish individuals" continue to wield influence.

Bijeljina is a pivotal battleground in this weird war without shooting, and it's no coincidence that the NATO choppers have chosen to

target it along with one or two others.

The city is controlled by Karadzic and his hard-line allies, and no place is more important to them. It's the only city in Bosnian Serb territory with anything approaching bustling commerce, nearly all of it fueled by smuggled cigarettes, gasoline and building materials.

As the main conduit over the Drina River between Yugoslavia and the Serb-controlled half of Bosnia, it's the key choke point for the millions of dollars' worth of contraband - and profits - that keep Karadzic & Co. in business.

For that reason, Plavsic and her Western backers covet Bijeljina, a low-rise city of about 95,000 residents with modest houses, anonymous apartment blocks and a crowded downtown market area.

"Take Bijeljina, and the rest of Karadzic's empire is a house of cards," said a Western diplomat in Bosnia. "He wouldn't last long."

But with elections for a new Bosnian Serb parliament just a month away, Bijeljina remains firmly under the thumb of forces loyal to Karadzic, an indicted war-crimes suspect, whom Washington and its European allies accuse of obstructing the U.S.-mediated peace process for Bosnia. Plavsic, although herself a rigid nationalist who supported "ethnic cleansing" during the 1992-95 war in Bosnia, has attacked the corruption of Karadzic and is seen as somewhat more supportive of Western peace efforts.

The Karadzic clique, based in the ski resort town of Pale, a three-hour drive south, controls much of Bijeljina's local government. It controls the Serb Republic's Internal Affairs Ministry and retains influence in the headquarters of the

Bosnian Serb army, both of which are based here. Most important, it controls the city's police force, the chief enforcers in Balkan politics.

For those who step out of line and defy Pale - and there have been a handful of such cases in the last few months - retribution in the form of job loss, threats and harassment is swift. When a ranking local politician, Dusica Bracanovic, defected from Karadzic's party and joined Plavsic's a few weeks ago, she was beaten up in public by two men in police uniforms, according to human-rights monitors.

"We've been through three months of hell," said Jovan Krsmanovic, another functionary who switched parties and sided with Plavsic in July. He said he has received anonymous phone calls telling him he wouldn't "live to see next Friday." Lately, said Krsmanovic, the hard-liners who control city hall have been trying to evict Plavsic's people from their new party headquarters downtown, saying the building must be torn down for reasons of "urban planning."

If Plavsic tries to wrest Bijeljina from Karadzic's grasp, "you would have real fighting here," said Sasa Parazac, who represents the Helsinki Committee for Human Rights here. "It'd be hard for anyone to take power in a peaceful way." For a time last summer, it appeared the West was prepared to use more force on Plavsic's behalf. Troops of the NATO-led Stabilization Force for Bosnia installed Plavsic loyalists in the police station in Banja Luka, the largest city in Bosnian Serb territory and the headquarters for Plavsic. British soldiers also arrested one Bosnian Serb war-crimes suspect and shot another who resisted arrest. But a similar operation Aug. 28 in

the strategic northern town of Brcko failed when crowds of stone-throwing Serbs clashed with American troops. The NATO force backed down, with U.S. troops in particular adopting a lower profile. In a place where force alone is respected, the West again was seen as waning, and Karadzic was back in business.

Now, authority in the Serb-controlled half of Bosnia, a crescent-shaped territory of fewer than 1 million people, is starkly divided between Plavsic's west and Karadzic's east - both of them weak. In effect, the territory is split into parallel police forces, parallel information netwos and parallel capitals.

Although NATO landed a blow against Pale by shutting down its snarling anti-Western television broadcasts earlier this month, the dividends for Plavsic so far seem modest. Although she is receiving several million dollars in U.S. aid for her stronghold, Banja Luka, she is too weak to fire key officials who are close to the hard-line leadership in Pale.

Meanwhile, Karadzic and his stalwarts still control most banking, postal, tax and telephone operations on Bosnian Serb territory, as well as much of what meager employment there is. And they continue to enrich themselves by taking a cut on practically all goods trucked across their domain, according to Western diplomats and local journalists in Bosnia.

The result is a stalemate, with some here wondering if Washington and its Western allies aren't content to have the two Bosnian Serb factions at each other's throats and therefore less of a threat to their neighbors.

# Reform Smoking

Continued from Page 10

Both Clinton and the Republican majority in Congress have seized on the issue as one that strikes home with nearly all Americans. But they have very different approaches.

Republicans, who generally are opposed to "big government" solutions for education and who stress local control, are therefore hamstringing on what they can offer. Thus, the tax incentives and voucher ideas.

Democrats, including Clinton, have called for national tests to gauge fourth-grade reading and eighth-grade mathematics. Clinton has sent legislation to Congress calling for voluntary testing, but he has been rebuffed by the House. The test proposal is pending in the Senate.

But opponents of national testing range from conservative Republicans who say it will undermine local control to members of minority groups who contend that the tests will unfairly label minority students as underachievers if the tests are culturally biased.

"The difference is in approach," said Harvard public policy professor Mickey Edwards, a former Republican congressman from Oklahoma. "The Democrats say we really need to pour a lot more money into education. I think they are sincerely wanting to create as good an education system as they can."

"The Republicans are looking at it in the more traditional Republican way, which is almost 'Why can't we go back to MacGuffey's Reader?' and not to put more money into it," he said.

Nationwide polls have documented dissatisfaction with the nation's local public school systems, and politicians are using the polls to prove their points. For example, a national survey on education conducted by Republican pollster Linda DiVall's company, American Viewpoint, found that 67 percent favored "giving parents more control over education, including the ability to use vouchers for private schools." DiVall said that, while Republicans have seized on the voucher idea, the poll's overall point is that Americans are unhappy with the general education their children are getting.

She noted, however, that support of the public schools increases somewhat in the suburbs, where student performance is relatively high and many seniors aspire to good colleges.

And DiVall noted that this disparity of opinion "does present a point of tension" in the Republican Party, which has drawn much of its strength from the suburbs in recent elections.

"Traditional Republican supporters, except for the Christian Right, don't support vouchers," said David Bossitis, senior political analyst at the Joint Center for Political and Economic Studies, a black think tank in Washington. Bossitis did a poll that found most support for vouchers did not come from traditional Republicans.

"Why should they? They are affluent suburban managers, and their children are in gougets would be too costly, coming just as the federal budget is being brought into balance, and would hurt public schools by diverting funds. Rangel argues that only families with wealth, which already are able to send their children to private schools, would benefit from the accounts. Poorer families struggle to save anything, he said.

Continued from Page 10

In one comparison, Pechmann reported, students were shown the movie "Reality Bites" in which actors Winona Ryder and Ethan Hawke light up in 14 out of 40 scenes.

Before watching the movie, some students were also shown an anti-smoking TV ad produced by the California Department of Health Services.

Designed to be humorous but telling, the ad features high school-aged "Clifford," wearing a gas mask, while in the background stands a frazzled, aging figure in a cheerleader outfit, puffing a cigarette.

"We used to date," a forlorn Clifford tells the audience. "Now we're just friends."

As a rule, Pechmann said, those who saw the anti-smoking spot, then the film, described smoking as "gross, dirty and stupid." Those who watched "Reality Bites" but didn't see the ad "came out thinking smoking was OK," she said.

"A good idea," said Burton, might be to screen caution notices to all movie audiences similar to those required by federal law on cigarette packaging and tobacco advertising.

A defender of the artistic prerogative is Barry Sonnenfeld, who directed "Men in Black," which contained a scene of insatiable aliens wheeling packs of Marlboros across the screen.

On questions of outside controls, Sonnenfeld has been quoted as asking, sarcastically, if the cartoon character Road Runner should never again be shown dropping an anvil on Wily Coyote's head.

Not all smoking on screen should stop, said Burton, himself a frequent moviegoer and former smoker, but he said much of it seems "gratuitous." Actor Richard Masur, president of the Screen Actors Guild, who also will testify at Burton's hearing, said some onscreen smoking simply defies credibility.

He cited the example of the "cop, a heavy smoker, chasing a bad guy down the street," block after block, on foot, catching him, "and never drawing a harsh breath."

However, said Masur, "None of us is interested in (telling filmmakers), 'Don't do this.'" He said actors, writers and directors meet frequently to discuss that "actions have consequences, smoking has consequences, and should be portrayed thoughtfully and realistically."

Jack Valenti, president of the Motion Picture Association of America, and Sherry Lansing, chairwoman of Paramount Pictures, in conjunction with a cancer-fighting campaign, head a task force devoted, in part, to finding "new ways ... to reduce tobacco use" in films.

Burton has said he is not impressed with that effort, and wants to make his own inquiries.

Tobacco interests strongly disagree that something other than friendly persuasion is called for, says Tom Lauria, a spokesman for the Washington D.C.-based Tobacco Institute.

Cigarette makers, he said, no longer pay studios to show smoking, by brand or otherwise, in movies - a practice commonly in use until about 1990.

But the industry opposes onscreen health warnings against smoking, Lauria said, and will take no part in Burton's hearing.

If such warnings are justified, he said, there should be similar messages aimed at violence, nudity, drinking, adult content, furs and any other politically incorrect "objet d'art" portrayed in movies.

**Today's Crossword Solution**

S	T	E	M	R	I	A	M	H	A	R	I	M
P	O	L	O	A	H	A	O	B	I	T	E	
E	D	E	N	C	O	C	O	N	I	T	S	
C	O	C	K	N	E	V	E	L	E	S		
E	O	S		Y	E	S						
P	L	A	I	S		C	O	C	H	E	A	U
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C	O	C	H	R	A	N		P	E	N	N	E
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E	C	H	E		O	K	S					
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TOSHIBA LAPTOP COMPUTER for sale. Lots of goodies. Free parties, latest! Get a group! go free! Prices increase soon! save \$50! springbreaktravel.com #1-800-678-6386.

SPRING Break Cancun and Jamaica \$379! Book early! save \$50! Get a group! go free! Panama City \$129! South Beach (Bars close club at 5:00 am) \$129! springbreaktravel.com #1-800-678-6386.

TWO ticket vouchers for a cruise to the Bahamas! \$300 free! Great for Spring Break! Call Paula for details 498-4591.

SNOWBOARD for sale, Joyride Filbert 160 cm, with binding and leash. Excellent! all mountain boards. Asking \$115. Call 859-3572.

SONY Playstation 2 controllers, memory card, and 3 games. PGA Tour, NBA Live, & Triple Play. \$170. Call Paul @ 512-7754.

SPRING Break Bahamas Party Cruise! Six days! \$779! Includes meals, free parties, latest! Get a group! go free! Prices increase soon! save \$50! springbreaktravel.com #1-800-678-6386.

SPRING Break Cancun and Jamaica \$379! Book early! save \$50! Get a group! go free! Panama City \$129! South Beach (Bars close club at 5:00 am) \$129! springbreaktravel.com #1-800-678-6386.

TWO ticket vouchers for a cruise to the Bahamas! \$300 free! Great for Spring Break! Call Paula for details 498-4591.

### Autos For Sale

1989 Honda Prelude, 2.0 FTD with gray cloth interior, four speed, 30-35 miles / gallon. Air conditioning, power steering and power brakes. Cruise control. A.M. / F.M. cassette player. 103,000 miles. For \$4900. Call 851-1006.

1990 TOYOTA TERCEL, excellent condition. Highly maintained. One owner. Great first car! \$2750. Call 787-8481, leave a message.

85 Chevy Caprice Classic. 130K. AC, PLW/F, CAFE. Runs Great! \$1100. Call 830-2460. (w) 515-3552 or (h) 488-1156 (leave a message).

FORD Explorer '91. Eddie Bauer Edition. C/D, leather, sunroof. Great Condition! \$6900. Great Deal!! Call 267-0933.

MITSUBISHI ECLIPSE '91. blue, 5 speed, 73K, sunroof. One owner, excellent condition. \$5800. Call 81-0146.

FEMALE roommate needed in mid-August. Own bedroom, share bath. In Kensington Park. Rent \$340mo - 1/3 utilities. Call 233-7179.

FEMALE roommate needed to replace DC graduate. 3 BR, 2 1/2 BA townhouse. \$19.25 mo. + 1/3 utilities. On Gorman Street, Wolfline Road. Call 233-4683.

GRADUATE/Professional, non-smoking, and single female to share two bedroom and two bathroom townhouse. 2330 Road and Davis Drive. Rent is \$417.00 plus all of the utilities. No pets. Call #668-5226.

LOOKING for room near NCSU? I am a female, graduate, NON-smoker, mature. Will share with female. Call 676-1939 - leave a message.

MALE Non-Smoker wanted to share 2 floor, 3 bedroom, 2 bath apartment \$265 plus 1/3 utilities. Next to Park and Ride. Call 831-1942.

NON-smoking female roommate needed. 2 bedrooms. \$320.00 plus 1/2 utilities. On Wolfline Preferred graduate student. Call Chris @ 823-7712.

NON-SMOKING roommate needed. 2 BR, 1 + 1/2 BA townhouse. \$320 - 1/2 of utilities. On Wolfline. Preferred graduate student. Furnished except for your room. Call 832-7894.

NON-SMOKING roommate needed. 2 BR, 1 + 1/2 BA townhouse. \$320 - 1/2 of utilities. On Wolfline. Preferred graduate student. Furnished except for your room. Call 832-7894.

RESPONSIBLE night person wanted for six bedroom house. Rent is \$250.00 plus one-sixth of utilities. Call Chris @ 823-7712.

ROOMATE needed 2 BR 2 Bath \$300 + 1/2 utilities. Call 830-9434. Leave a message.

ROOMATE needed to share 3 bedroom apt. 2 miles from campus near 5-points area. \$250 month + 1/3 utilities. Call 510-0698.

ROOMATE wanted to share 4 bedroom, 4 bathroom condo 2 mi from NCSU campus. Next to Lake Johnson. 100% w/central air, clothes washer/dryer, and dishwasher. Soon to have pool/tennis court. \$325mo with 1/4 utilities and deposit 859-1862.

ROOMATE wanted, 2 bedroom, 1 1/2 bath, \$292.50 - 1/2 utilities. On Wolfline. Call 852-4814.

SERIOUS Student Non-smoker preferred to share 2 BR house 5 minutes from campus. Rent is \$285.00 plus 1/3 utilities. Available now! Call 821-5042.

WANTED: nocturnal roommates to share two acres and three bedrooms North Raleigh mountain house with musicians and dog lovers. Have your own bedroom. Large studio basement, PRIVACY, and rent is \$285.00 plus 1/3 utilities. Ten minutes to North Carolina State University. Call Andy or Nick for information. Call 821-9203 because it is too good to be true.

### For Rent

115-A Ashe Avenue, three bedroom, one bathroom, 1,000 square feet, washer and dryer included. Water included. Air conditioning and central heat. Large front porch and plenty of parking. \$825.00 a month rent. Call #848-3600.

FOR rent, four bedroom and four bathroom at building #1251 unit #01 in the OAKS at MOMM. Rent \$3,300.00 a month. Call #1-(800)-318-6755 and ask for Frank Jr. Jim.

UNIVERSITY lake park commons #80R, a 4B brand new apt. Mins. from NCSU & Wolfline route. Call 785-1226 for more info.

### Tutoring

TUTORS NEEDED, Tuesdays 5:15 an hour, once per month \$: 15: 480. Adv. Math, Calculus, and Geometry. Contact Upbound 515-3632 Academic Coordinator.

### Travel

EARN FREE TRIPS & CASH CASH TRAVEL needs students to promote Spring Break 1998! Sell 15 trips and travel free! Highly motivated students can earn a free trip & over \$10,000! Choose Cancun, Bahamas, Mazatlan, Jamaica or Florida! North Carolina's largest student tour operator! Call 1-800-836-6411.

AAAHH! Spring Break '98 Guaranteed Best Prices to Cancun, Jamaica, Bahamas, & Florida! Direct flights & Daily Free Drink Parties! Sell Trips. Earn Cash & Go Free! 1-800-234-7007 <http://www.endlessummers.com>

EARN MONEY and FREE TRIPS! Absolute Best SPRING BREAK Packages available!! INDIVIDUALS, ORGANIZATIONS, or small GROUPS wanted! Call INTER-CAMPUS PROGRAMS at 1-800-327-6013 or <http://www.spl.com>

MYRTLE BEACH-student group looking for full kitchens, pool, laundry. Credit cards accepted. Call for free brochures (800)418-9275.

### Lost & Found

FOUND: A bracket on a sidewalk along Morrill Drive. Call #512-3296 with the correct description to claim the bracket.

FRED is lost. Boston Bull, female, 56 pounds, rabies tag on her collar, no collar. Needs medication. Heater driving white probe bring Fred to Technician or call #515-2411 or #787-8206 and ask for Terry.

### Personals

Crier

ADULT STUDENTS, ALUMNI- Trying to decide on a major or thinking about changing careers? Register at 2100 pulley for Career Direction Roundtable Saturday, Nov. 15 9:30 am - 1:30 pm \$15-25. \$15.00 materials fee.

CAREERS IN CRIMINAL JUSTICE: For all majors. Meet representatives from NC Dept. of Corrections, FBI, SBI, Secret Service, Raleigh Police Dept., NC Detective Agency, and more! Wednesday, Oct. 22, 4:00-6:30 pm. G111 Caldwell.

DELTA SIGMA THETA SORORITY, INC. will be hosting "Delta Week '97" Oct. 19-24. Various programs will be held throughout the week in celebration. All programs will take place in the Multipurpose Room of the African American Cultural Center. Look for flyers with dates and times for events.

DO YOU KNOW WHAT AN "INTERVIEW STYLE" IS? Find out about interviewing techniques from a career counselor Wednesday, Oct 29 7:15-8:45 pm 323 Mann. Don't go in to an interview unprepared!

JOB SEARCH STRATEGIES: WHAT WORKS! How to find employers, make contact with people who can hire you, develop your own strategy. Presented by University Career Center. Thursday, Oct. 23, 5:15-6:15 p.m. 2100 Pullen.

MAKE money now! Earn up to \$3,000 before Christmas! Information provided during Business Sided on Nov. 5 in Bragg Activity Lounge. Only Business Sided individuals need to attend. Casual Business Attire!

OCTOBER 19-25 is the National YWCA Week Without Violence. Look for information on how to prevent violence against women in the NCSU Brickyard on Wednesday, or call 828-3205.

SATURDAY, November 1, 1997, 8pm, Stewart Theater, The Ladies in Red. General Admission, \$5. NCSU Faculty/Staff, \$4. NCSU Students: \$2. Call Ticket Center for tickets. 821-1120. For more information on the program, contact the Music Department @ 515-2981.

THANK YOU NOTES - NOT THE ONE'S MOM MADE YOU WRITE! Learn how to write all the letters necessary for job hunting. Thursday, Oct. 30 5:15-6:15 pm. 2100 Pullen. University Career Center.

The College of Agriculture and Life Sciences (CALS) Career Expo will be held on Thursday, October 23, from 11:00 to 3:00 p.m. in the Student Center Ballroom. Over 95 companies, graduate and professional schools, and other agencies will be in attendance. Check out who is coming by checking our web page at <http://www.ncsu.edu/ncsu/career>.

The Environmental Science Club is having an advising meeting Tuesday, Oct 28 @ 6:30 in the Student Center Ballroom.

UNDECEAED ABOUT A MAJOR OR CAREER? Register for a Career Director Roundtable with Allison at the University Career Center, 2100 Pullen, 11/23/96. Materials fee \$7.50 a one-hour session. Nov. 4 & 11:13 (T-Th) 7:00-8:00 pm.

### Miscellaneous

CASH FOR COLLEGE & GRANTS & SCHOLARSHIPS AVAILABLE FROM PRIV. & PUBLIC SCHOOLS. GREAT OPPORTUNITY!! CALL NOW. 1-800-532-5983

ARE YOU READY for romance? 1 (800)299-1077 ext#877. \$29/mo. Must be 18 yrs. old. Serv. @ 619/645-8434.

CAROLINA Gliding-Bladder, instruction, and rentals. Come ride the wind for a once in a lifetime experience! \$100. Call 256-5998 or 833-4588.

NC STATE RADIO, Pure Rock 88.1 New rock and the best music for an aggressive college lifestyle. Monday thru Friday, 7 a.m. till 5 p.m. on WKNC. NCSU's Musical Edge.

SUPPORT Local Music. Tap into the triangle scene on Smash Hits. Sat. 3-6 p.m., and the 10:30 a.m. and 6:30 p.m. on 88.1 FM WKNC NCSU's Musical Edge.

TECHNICAL CLASSIFIEDS: Call the C line to get connected!

ARE YOU FEELING SAD SINCE THE BETHANY NORRIS HOUSE ADS HAVE GONE AWAY? IS THE CLASSIFIED PAGE NO FUN ANYMORE? WELL, JUST THIS ONCE, REGISTER! THIS IS A SPECIAL ONE-TIME BETHANY NORRIS HOUSE AD.

TECHNO, Ambient Jungle, and trance. Afterhours Monday thru Thursday nights, 9 to midnight on WKNC 88.1 FM.

JK Verdon Attorney representing for criminal, drugs, D.O.I., traffic offenses, personal civil matters. Call 24 hrs 919/862-5554.

### Tech

18 WEEKEND OPENINGS - ALL SHIFTS

Guardsmark, the leader in security industry has full-time & part-time openings for Security Officer and Receptionists positions. Must be a detail minded, professional, reliable individual, with no Criminal Record. Openings In: Research Triangle Park, Durham, Chapel Hill, Franklinton, Zebulon.

TO QUALIFIED APPLICANTS WE OFFER:   
 -Starting pay \$7.75 - \$8.00 + Performance Bonus   
 -Free medical and life insurance + Paid Vacation   
 -College Tuition Reimbursement Program   
 -Free uniform/Professional Work Environment   
 (5% of Our Officers Are Local College Students or Graduates)

Apply in Person: Monday-Friday, 8:30a.m. -5:30p.m. Also Open Saturday, 9:00a.m. -1:00p.m.

4601 SIX FORKS ROAD LANDMARK CENTER, SUITE 130 RALEIGH, NC 27609

EOE

### Attention: Bartenders & Outgoing Servers - The Rock N' Roll Grill

Raleigh's newest interactive restaurant featuring wild-n-crazy chefs preparing food at your table is opening soon! Do you want to make tons of cash, interact with guests, and have a GREAT TIME? Then you want to join our team!

Stop by and pick up an application at 117 S. West Street. (2 blocks east of Hillsborough Street in Downtown Raleigh.)

FREE MEALS FLEXIBLE SCHEDULES FUN ATMOSPHERE BONUSES CALL THE CHAR GRILL @ 781-2945 BEFORE 11AM OR AFTER 3PM THE CHAR-GRILL COMPANIES

Jillian's Outgoing, upbeat people needed for grand opening of awesome Billiard club/bar/restaurant.

If you have great imagination & a desire to make LOTS OF MONEY-then you want to be on this team!

We are hiring all positions: Bartenders, Barbacks, Waitstaff, Hostess, Security, Line Cooks and more! Must have experience and an energetic personality.

Please stop by & pick up an application at 117 S. West Street.

It's midnight and who's in the Technician house? Dawn's in the house. Ryan's in the house, Kim's in the house, Bethany Norris (of the house ad fame) is most definitely in the house, on yeah! Nicole, Alan and Justin, they're in the house too.

Technician-working well into the night to bring you a paper.

Technician Classifieds: Call the C line to get connected.

ATTENTION: PLEASE CALL 515-2029 IF YOU HAVE A PROBLEM WITH A CLASSIFIED AD. WE HAVE HAD SEVERE COMPUTER TROUBLE LATELY AND THERE HAVE BEEN PROBLEMS. SPEAK WITH ALEXIS, DAWN OR STACI AND THEY WILL HELP YOU OUT.

TECHNICIAN WOULD LIKE TO WELCOME THE FOLLOWING PEOPLE TO THEIR STAFF: KRISTEN AND MEREDITH, WELCOME ABOARD!

TECHNICIAN: WINDY CITY HERE WE COME!!!!

Technician Classifieds is the hip, hoppin, slam, biggity, bam, boom, happening place to advertise!

Attention everyone: K. Gaffney rocks!! Guys--7th Heaven and KFC 8pm--Ryan's treat!

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Technician Classifieds is the hip, hoppin, slam, biggity, bam, boom, happening place to advertise!

Technician Classifieds: a few words can make a big difference.



Keep recycling working. Buy recycled.

Celebrate America Recycles Day on November 18th.

For a free brochure, please call 1-800-CAL-EDF or visit our web site at [www.edf.org](http://www.edf.org)

