

SPORTS

MEN'S SOCCER DOWNS
UNC - CH; WOMEN'S SOCCER
BEATS CINCINNATI.

MONDAY

October 27, 1997

Vol. 78, No. 30

OPINION

READ MARK'S LATEST.
SHE'S A KLUTZ AND PROUD OF IT.

FRONTIERS

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

Technician

North Carolina State University's Student Newspaper Since 1920

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 faculty 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 Anthropologist, 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



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 Dyak 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 rites are rich, complex, and intensely human," Schiller said.

The remains are then bundled up and placed

See **SCHILLER**, Page 2 ▶



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.

Back to the basics

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 had had a very successful business career. But to him, it is secondary to his real passion in life, "spiritual work." He explored the immature 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 he 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 life to the fullest, to find everything and nothingness and 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-KNOWLEDGE SYMPOSIUM
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,

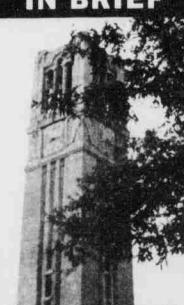
the Office of Naval Research and the U.S. Geological Survey, the scientists hope to gather enough information to accurately predict future coastline erosion. With the use of an amphibious buggy and the Jet Ski, over 400 sensors, radars and cameras were placed in the ocean to monitor changing conditions.

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 underrepresented 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 919-4462.

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 Theater.

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. Arboretum) and professor of horticultural science, College of Agriculture and Life Sciences.

New telephone directories available

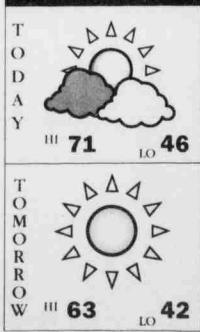
Network and Communication Services began distributing the new university directories this week and should complete the process by Oct. 31.

You can recycle your old directories in specially marked dumpsters at the following locations: Lee Sullivan/Bragg 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 pick-up locations.

For more information, call 919-515-9421.

OUTSIDE





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Photo by Gregory Heisler

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Speaker CMAST

Continued from Page 1

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 [non]sense 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."

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 there 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?"

Schiller

Continued from Page 1

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 to 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

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.

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 shot to their 10.

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

A header from Jaman 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 frustrating," 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 bounded off of State defender Eric Kaufman and keeper Daniel Alexander, into the upper left side of the net.

The goal came with the thought of trailing at home, to argue, 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."

In the second half, state came back strong,

Ian Hooper,
Member of the men's soccer

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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 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 strict 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, however, 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

basketball coaches. The teams all came together in Greensboro at the Four Seasons Hotel 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 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.

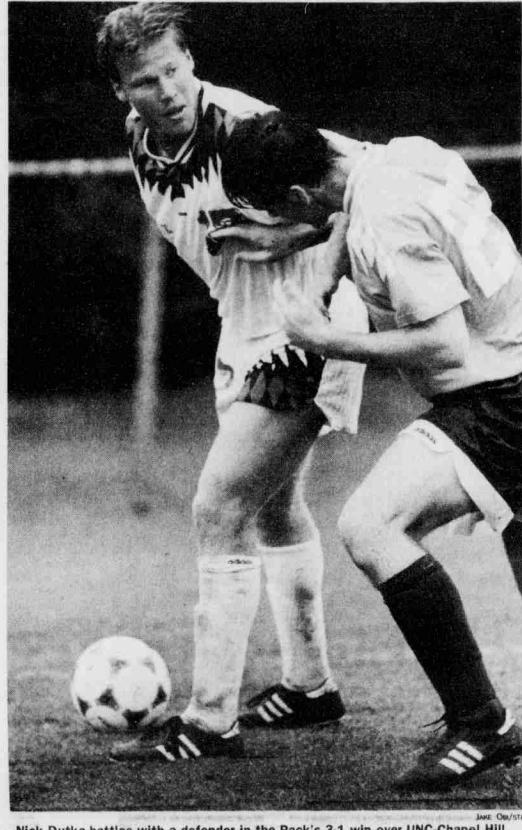
Despite the loss of Tim Duncan, as well as Keith Booth, the league features the best collection of talent in the nation. The ACC showcases stars such as UNC-CH forward Antwan Jamison, Georgia Tech forward Matt Harrington, and Duke guard Trajan Langdon, all of whom were selected first-team All-ACC in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

Even without Dean.

Technician



JACK O'BRIEN/N°P Nick Dutka battles with a defender in the Pack's 3-1 win over UNC-Chapel Hill.

See UNC, Page 4 ►

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.

Any Lerner led the Wolfpack with 11 kills, and Laura Kimball had seven. Kimball 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 Thieke 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. Kimball remained a model of consistency, leading the Pack

See CLEMSON, Page 4 ►



TECHNICIAN FILE PHOTO
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 in their final match.

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 shutout in her final regular-season game against Davidson, she will tie another former Wolfpack goalkeeper 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 16-0-1 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

basketball coaches. The teams all came together in Greensboro at the Four Seasons Hotel 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 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.

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Eight of the nine teams played in the post season in '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.

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

Florida State, coming off a 5-2 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.



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

JACK O'BRIEN/N&P The Pack picked up its eighth win of the season on Sunday.



JACK O'BRIEN/N&P The win was the Pack's first in their last five games.

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."



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.

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.

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.

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.

All home games are played at Dorton Arena

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 more the hard work that you put it, 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 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 I 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 for 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 sort of 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."

Recycle

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-a; 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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Frontiers

Monday, October 27, 1997

Vol. 78 No. 30

Technician

Page 5

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 wise-cracking 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.

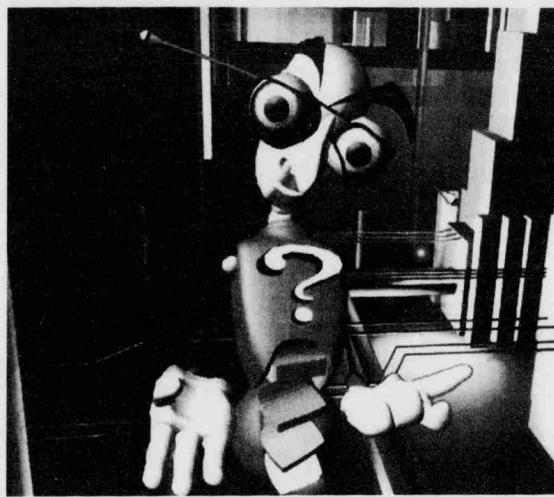
This new software program being developed at NCSU is allowing students to combine education with entertainment. Part computer game, part personal tutorial, the program teaches students about the inner workings behind e-mail and the Internet by using Cosmo, the Internet advisor.

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 range 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 worm 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.

Entman awarded position

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

Frontiers 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 Discord: 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.

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 "Hadie" 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 drug pusher and rescued by a homeless person. Shane told Vicki he still loves her. Grant 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:** Lucia gets disturbing news.

The Bold and The Beautiful: James persuaded Maggie to sign an annulment agreement so that he could persuade Sheila to believe he loved her. Amber comforted Maggie that she'll soon have both Jamie 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:** Ridge reveals to Mac how he always wanted to tell Audrey what she had done. Jax persuaded Brenda to spend time with Julia. Lannie 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 Eric about his past mistakes when he tried to steer 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:** Dru reacts to Brian's silence. **Sunset Beach:** Ben explained to

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 more pain pills. Elizabeth begged Sarah not to tell Audrey what she had done. Jax persuaded Brenda to spend time with Julia. Lannie told Felicia and Mac how much the doll meant to his late wife. **Wait to See:** Elizabeth is up to her old tricks again.

The Young and the Restless: Cole charged Victoria with damaging their marriage by his 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 go 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:** Alice sees an "opportunity."

Meg 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 Caitlin's baby.

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Technobabble

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

CHARLES@NCSA.SCA.NCSUEDU
Staff Geek

security of envelopes. So, 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 grandest understatements 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 supersecret to other

See BABBLE, Page 6 ▶

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 18): 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 ledger.

Gemini (May 21 to June 19):

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 in a shopping expedition.

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 breaking appointments. Later in the week, a mini-getaway fills the bill.

Couples enjoy a weekend at a favorite vacation 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.

Cancer (June 21 to July 22): 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.

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 fills the bill.

Couples enjoy a weekend at a favorite vacation spot.

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breaking appointments. Later in the week, a mini-getaway fills the bill.

Couples enjoy a weekend at a favorite vacation spot.

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 fills the bill.

Couples enjoy a weekend at

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/pgp.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 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

The last challenge of a socially conscious society?

Depression strikes millions—indiscriminately. Depression is simply 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 <http://www.suicide.org>

Public Service message from SAIVE (Suicide Awareness Voices of Education)

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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Tuition



Dentist

Guess which one can't



Movies



Concerts



Cabs

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Gas



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Postage



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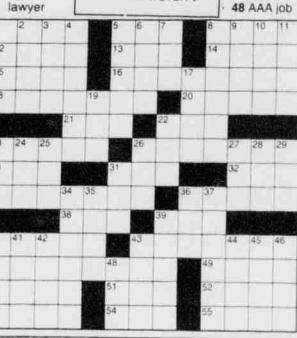
Which makes it easy to guess which card is the best one to carry. A

MasterCard can be used in more places on the way.

CROSSWORD By Eugene Sheffer

ACROSS	36 Bias-cut macaroni	TV fare	17 Oil org.
1 Gobel feature	38 This and water...	1 Detail, for short	19 Ph. bk.
5 Aries	39 ...don't do this	2 Comotion	22 Thither
8 Injure	40 Under way	3 "Mono" util	23 Atl. count-
12 Game	played with 40	4 Start of a	erpart
mallets	43 What a	5 Bros. title	24 Author
13 "Eureka!"	costly	6 Marx Bros.	Buscaglia
14 Sturge statuette	potato does	7 End of a	25 Circle
of —	47 Crested parrot	8 Marx	of protection
16 Copra providers	49 "Consarn it all"	9 End of a	26 May
18 One whose aspirations are mis-placed?"	50 Enlarge, old-style	10 Detail,	"Ich bin — Berliner"
20 — sake!"	51 Approvals	11 Disarray	28 Abby
21 Dawn deity	52 Loosen	Solution time: 24 mins.	29 Guitar's kin
22 Undeniably	53 Not barefoot	12 Tease	31 Chum
23 O'Neill output	54 Tease	13 Ceremony	34 Caught
26 French dramatist poet	11 Disarray	14 Touch	35 Beatles
30 Angus able review	Solution time: 24 mins.	15 Ceremony	36 Snapshot
31 Danson sitcom	16 Large deer	16 Mass	37 Mass
33 O.J. lawyer	17 Dogfight	17 Dogfight	38 Dogfight
	18 participants	18 Participants	39 Large deer
	19 French marshal of WWI	19 Dogfight	40 Dogfight
	42 Eight (Sp.) Coal byproduct	20 Participants	participants
	43 Coal byproduct	21 Rien	41 French
	44 Yes — question	across the Pyrenees	42 Eight (Sp.)
	45 Rien	46 End	43 Coal
	46 AAA job	47 AAA job	44 Yes — question

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



STUMPED? For answers to today's crossword, call 1-800-454-6873 (9¢ per minute, touch-tone / rotary phones, 18+ only; A King Features service, NYC)

11-4 CRYPTOQUIP

P T Y T Q D Y Z O K D N Y Y B G

G T P D I Z O K Z Y Y Z Q A I G

Y I T A D T A D N B ?

CRYPTOQUIP IS SIMPLY SLOPE OF OPERA?

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Opinion

Monday, October 27, 1997

Vol. 78 No. 30

Page 7

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 progress, 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 what 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.

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.

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.

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

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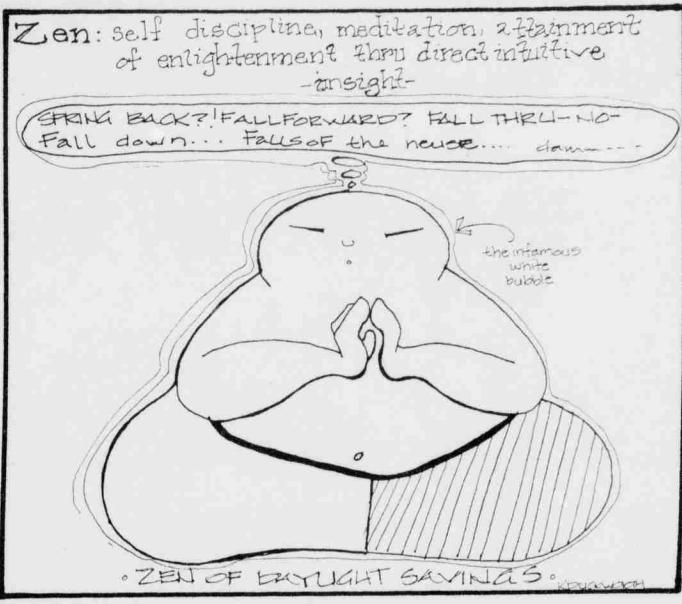
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2. Are signed with the writer's name, and if the writer is a student, his/her major.

Technician



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 me 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 Bynes Creek, N.C. and Raleigh. I've learned, though, that true friendship

is 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.

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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 an unkind soul pointed it out 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.

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 Maritz 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 like 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 don't 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 really 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.

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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 bed 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 their peers.

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How to Reach Us

Internet Services:

TOL: Technician OnLine
<http://www.sina.ncstate.net/>

Campus Forum: techforum-L@ncsu.edu

Press Releases: techpress-L@ncsu.edu

Information: techninfo@ncsu.edu

Phone Numbers:

Editorial 515-2411

Advertising 515-2029

Fax 515-5133

Address

323 Wetherspoon Student Center
Box 8608, N.C. State Campus
Raleigh, NC 27695-8608

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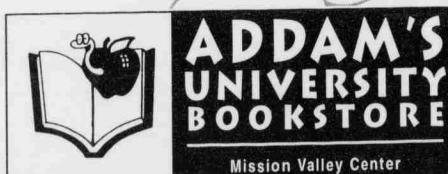


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Duggins

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 mislead 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 nice 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 please 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.

EAT RIGHT, LIVE LONG AND PROSPER.



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Recommendations:

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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 fury woodland creatures that they're hip to the times.

Bears don't spend thousands of dollars yearly on dice 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 fitness 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 sob wildly with desperation, 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 that slow burn that rises up the cheeks

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

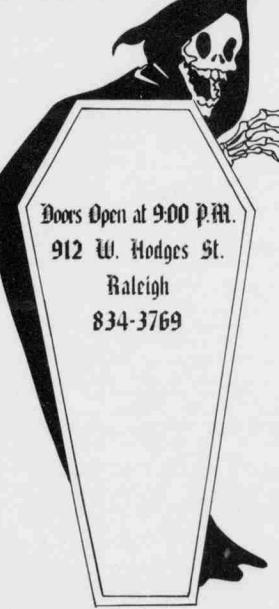
I ask, what's wrong with being silly? It's all relative, anyway. To err is human, so why obsess over the inevitable? Enjoy it while you can.

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.

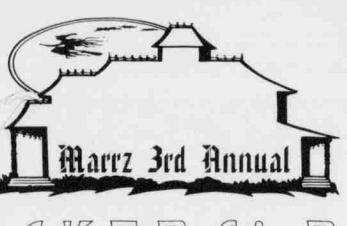
Kelly really is just as big of a klutz as she says. She neglected to mention several instances involving tumbling from the top bunk. And her shoes are hazardous to her health. E-mail her and, unless there's some horrible incident in the computer lab (cords can be tricky), she'll get back to you.

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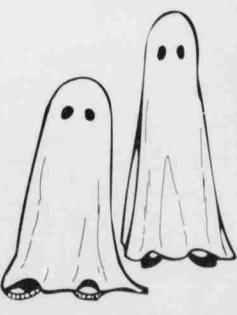
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Parties differ on education reform

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

ELAINE S. POVICH
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 taking 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 239-198, 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, 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 basal 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.

MARX 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 Perry, 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.

By 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 as 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 children's ninth-graders.

See SMOKING, Page 11 ▶

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Classifieds

Monday, October 27, 1997

Page 12

Vol. 78 No. 30

Help Wanted

\$ 1,500.00 weekly potential mailing out circulars. Free information. Call # 1-(410)-783-8275.

A.E. Finley YMCA is looking for lifeguards & swim instructors. Contact Dean # 848-9622.

AEROSPACE/COMPUTER needs part time ACE or AFRA certification and experience required. Please call the YMCA @ 832-8601 ext 840.

CHILD care needed for 2-year old, 15-20 hrs / week in our home. Need experience and reliable transportation. 992-4351.

CO-EDS need help. P/T help needed. Sylvan Learning Center. Mon-Thurs 10-6pm, 3 Saturdays per month from 8-5pm. Contact Regina or Ron @ 846-1975. Option E.D. for directions and interview.

COMPUTER test proctor P/T help needed. Sylvan Learning Center. Mon-Thurs 10-6pm, 3 Saturdays per month from 8-5pm. Contact Regina or Ron @ 846-1975. Option E.D. for directions and interview.

CONVENTION to Bus Route, P/T or F/T to manufacture storm doors & storm windows. Call Pioneer Exteriors @ 828-4405.

COUNTRY SUNSHINE is now hiring part-time after school teaching assistants. Great for college students. Call 888-2828.

CUSTOMER Service - Lab Tech looking for 2 PT and 2 PT people. Learn film processing. Flexible hours, very competitive wages. Located inside Drug Emporium 8111 Creedmoor Rd. Call Dennis at 870-8802.

EARN \$5000 - \$7000 Next Summer running your own business. Gain real life management and marketing skills while building your resume. For more information or to apply, call Tutor Painters @ 1-800-393-4521 or visit our website at www.tutorpainters.com

ERNST & Young, needs counter staff to work 12-hour/week. Positions meeting set-up, copying, etc. We are able to fit 10 positions providing dependable transportation. Preferable hours Monday, Wednesday, Friday evenings, Tuesday, Thursday afternoons. Contact Judy Davis, 981-2870.

ESPRESSO bar needs help. 15 am- M-F 5:30hr to start. Great opportunities. Call Diane @ 510-8633 or visit # 2 Hannover Square downtown.

FEMALE Spanish speaking student to mind four years old and three years old in exchange for free rent. Hours of optional. Non-smoker. In North Raleigh, 25 minutes away from North Carolina State University. Call Mary at #847-5911.

P.T. part time pt assitant kennel worker needed for well equipped small animal hospital. 15 mi east of Raleigh. Ideal job for pre-vets students. Must be able to work alternate weekends and some nights. Call 553-4601 between 1 and 3 pm.

GYMNASIUM. Full year, flexed rental rates, sees self-motivated individuals to work with our professional team. Flex. hrs. Denice @ 873-8911.

GYMNASTICS instructor. Morning, afternoon, and evening hours. Excellent hourly rate. Call 878-8249.

HIMC Hotels and its HAMPTON INN Crabtree in Raleigh, NC seeking Director of Sales. Strengths in outside sales, advertising, promotions and general management. Hotel Sales Experience a Must. Send resume to HR-DOS, 629 Glenwood Avenue, Raleigh, NC 27612 Fax 919-782-9115.

IMPACT children's lives as a Central YMCA counselor with after school (spelling) or elementary (reading) program. Work 2-3 or 5 days/weeks. Enthusiastic role models with strong Christian values needed in an active, creative, and encouraging environment located near campus. Salary Benefits include free YMCA membership and valuable leadership training. Call 832-YMCA for staff application and an interview.

LANDSCAPING. Residential Installation good pay. Must be dependable and have own transportation. 846-6101 or 873-8155 page.

LAW Offices of Michael Malone located downtown, seeks part time administrative assistant with WordPerfect experience. Forward resume to: 234 Fayetteville Street, #100, Raleigh, North Carolina 27601.

LOCAL video store 10 min. away from campus looking for help. Must be available weekdays 4-9 pm and weekends. Call 851-2311.

MARKETING Representatives-friendly and outgoing! If so, wed like to talk to you. Earn a great hourly wage plus bonus for people in a retail environment. No phone work. Interested? Call Ext. 1-800-222-5030, option 8, ext. 419. EOE

MATRON/CHEF Cleaners in Cameron Village part time counter sales. Weekdays after 3 and weekends. Scheduling is flexible. Excellent pay. Contact Scott Hall # 828-754.

NEED CHRISTMAS CASH? 6hr to start! Work 2 nights a week! Tours and 6-9pm on Monday through Saturday. Call 851-2304 or stop by Enterprise St. across from the Bell Tower.

NEED MONEY? Harris Teeter @ Glenwood Village is hiring for all positions. Excellent pay, tuition assistance and more. Call Albert Markman @ 737-5526 for info.

NEWTON'S SOUTHWEST REST. AN/BAH hiring all positions wait staff, cocktail servers and cooks.

Executive preferred. Must be able to lift heavy packages if interested call Becky @ 919-954-9070.

THE Olive Garden Italian Restaurant in Cary, North Carolina is looking for part time cooks and hosts. We will train or pay for your past experience. Very flexible scheduling. Apply anytime at 1809 Walnut Street in front of the Crossroads Mall on the business side.

VIDEO store 10 min. from campus is looking for P/T help Th-Sun. Call 851-1433 for more info.

We are looking for part time help to meet class schedules. Must be reliable and interested parties should contact Colton Wood at #782-6262 or drop by our store at Crabtree Valley Mall or Cary Towne Center.

WEIGHT room attendants needed at the Central Y. M. C. A. for mornings and weekends. Call Stewart Sill at #832-6601 extension #653.

WORTHY NEEDS experienced bakers, kitchen help, and part time delivery drivers. Competitive wages and flexible hours. Apply at Gumbys' Pizza on 3017 Hillsborough Street or call #836-1555.

P/T help wanted 8AM-12PM North Raleigh. Need own transportation. \$8-12hr. Fun easy job. Call Kelly Clark @ 454-1379.

PART-TIME courier needed. Must be available after 4pm. 1/2 hour. Pay travel. Service. Call #515-7090.

PART-TIME COURIER OFFICE PERSON needed five afternoons or mornings a week for downtown office. Applicants must be dependable and have reliable transportation. \$6.00 a hour plus mileage. Call #515-7090.

PART-TIME COURIER OFFICE PERSON needed five afternoons or mornings a week for downtown office. Applicants must be dependable and have reliable transportation. \$6.00 a hour plus mileage. Call #515-7090.

PART-TIME helper wanted for two and a half years and 6 months old twins. Occasional evenings, weekends and Wednesday or Friday afternoons. Call #515-7090.

PRESCHOOL help wanted. Need E.C.E. majors or people with experience working with children. Starting at 2:00 pm. Working with 2 and 3 year old classes in Cary, North Carolina. Call #481-1744.

PART-TIME ACCOUNTING CLERK needed for small restaurant management firm. Must be flexible, computer literate and understand the accounting cycle. Duties to include: A/P, A/R, payroll processing, cash reports and answer incoming phone. Please fax your resume to Tonya at (919) 833-3342.

PART-TIME teacher's assistant needed @ private preschool Mon-Fri. from 3-6PM. Two positions available. Call to inquire @ 467-6991.

PRO Performance Marketing is a reliable, professional, outgoing, goal oriented, energetic leader needed to promote undergraduate marketing program. Responsibilities include staff management, training, inventory control, and coordinating events together with administration contacts. Excellent part time job. Call Mon-Fri EST for more info. (919)377-1924.

PROFESSIONAL: Residential Installation good pay. Must be dependable and have own transportation. 846-6101 or 873-8155 page.

RENT-A-CAR: For all your needs, see us at 234 Fayetteville Street. Work 2-5 days/weeks. Enthusiastic role models with strong Christian values needed in an active, creative, and encouraging environment located near campus. Salary Benefits include free YMCA membership and valuable leadership training. Call 832-YMCA for staff application and an interview.

RESIDENTIAL: Residential Installation good pay. Must be dependable and have own transportation. 846-6101 or 873-8155 page.

SAFETY: For all your needs, see us at 234 Fayetteville Street. Work 2-5 days/weeks. Enthusiastic role models with strong Christian values needed in an active, creative, and encouraging environment located near campus. Salary Benefits include free YMCA membership and valuable leadership training. Call 832-YMCA for staff application and an interview.

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