



'Noles hit the warpath, bring the tomahawk chop to Raleigh
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NCSU spaceballs set for November launch on Space Shuttle
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Technician

North Carolina State University's Newspaper Since 1920

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Friday

September 18, 1992

Images in ads behind sexual problems

By Eric Liebhauser
News Editor

"Why ask why?"
"Party on the beach, Bacardi, everything will be just fine."
Advertising slogans and campaigns such as these are degenerating self-esteem in college students around the country and consequently are responsible for binge drinking, alcoholism, casual sex and rape, according to a speaker at the University Student Center Annex Theatre Thursday.

The speaker, Richard P. Keiling, the director of Student Health at the University of Virginia and a founding chair of the task force on HIV

disease of America, said young Americans have been confused by the disturbing images found in American advertising.

"Seeing for us has become believing. We plug into a sequence of images," said Keiling. "Watching them is easy. They surround us and alter our perceptions."

According to Keiling, advertisers link alcohol with sexuality. The voices that caution young people to drink sparingly are drowned by the images that tell them to do otherwise.

"What we see [in advertising] is that with alcohol you can convince someone to do something she doesn't want to do," he said.

"They may say we don't need sex to be a real person but what we see says something else. Image after image suggests that other people have the key to making you feel good about yourself."



— Dr. Richard P. Keiling
director of Student Health, University of Virginia

According to Keiling, advertisements, magazines and television tell Americans they need to have sex in order to be normal.

"They may say we don't need sex

to be a real person but what we see says something else," Keiling said.

"Image after image suggests that other people have the key to making you feel good about yourself," said

Keiling. "Taken as you are you are not OK."

Young people frequently engage in casual sex as a result of the images perpetuated by alcohol companies. Drunkenness, he said, has become an excuse for promiscuity because of the images presented in magazines and commercials.

"Alcohol takes away responsibility and accountability. Intercourse that we later wish we didn't have wouldn't have happened if we were not drinking at the time."

Keiling said the media is increasingly undermining human relationships by undermining our perceptions of ourselves.

"The way we treat each other has

a lot to do with the way we treat ourselves," he explained.

It is not possible to simply avoid these forces, they said. Keiling, are ubiquitous in American culture. And it is the manner in which we internalize this culture that determines who we are, he said.

"American culture tells us how we should be, what we should do and how we should eat," Keiling said.

The influence of the media affects young men and women far more than they know, said Keiling. "By the time we graduate and come to college, half of the men and three quarters of the women still believe they can think for themselves," he said.



Larry Osborne/Staff

Gimmie an "S"

Stephanie Britt and Eric Lail get pumped up for the big Florida State game Saturday. While the football team faces an uncertain fate in its clash with the new ACC powerhouse, the N.C. State University cheerleading team will undoubtedly achieve success in its quest to rouse the Wolfpack minions. The team has won three national titles and placed second in last year's competition.

FSU ticket controversy continues

By David Newton
Staff Writer

Eric Johnson and three friends walked to Reynolds Coliseum early Monday morning expecting to get good tickets to Saturday's football game against Florida State University. What they discovered was a lack of organization that made it difficult to get good seats.

"It was a fiasco," said Johnson, a sophomore.

According to Johnson, when he arrived in front of the coliseum at 5 a.m. there were only about five other people in addition to those camping out. By 6:30, however, hundreds of people were standing around and there was no organized line, he said.

Johnson waited across the street from the Coliseum Box Office, which he understood to be proper procedure. Others formed lines in front of the ticket windows, he said.

When the campers were led into place by the line monitors, the only lines were not dissolved but only moved backward. As a result, Johnson found himself behind those lines when ticket distribution began, he said.

Johnson and his group were placed closer to the front of the line only after complaining to Caroline App, co-chairperson of the athletic committee, who was in charge of the camp-out lines.

"We waited where we were supposed to be," he said, "but people just lined up [in front of the box office]."

Johnson and his group were in the right place according to Heather Osborne, athletic committee co-chairperson.

"People shouldn't line up at the windows," she said. Having to move the large crowds makes it difficult to place the campers in line and could be dangerous, she said.

Freshman J. Scott Hand also had trouble with the ticket distribution.

"It was kind of unfair to the people that got up real early and didn't

Police vow to cite all marksmen

By Dee Henry
Assistant News Editor

Attention all of you who get a kick out of hurling bottles, oranges or cups at football games: Starting this weekend, Public Safety will be looking harder for you!

"If we see [someone throwing something], we will cite you," said Larry Ellis, Public Safety's Crime Prevention Officer.

Although the law has been on the books, Public Safety will be taking the matter more seriously from now on.

"We'll be looking even harder," Ellis said. "If someone throws something, we will try to catch them."

One group that will probably applaud the crackdown is the N.C. State University band. The band's seat assignment in the lower section of the bleachers puts it right in the war zone.

Crystal Walters, a sophomore in history, has noticed problems with fans already this year and is all for the crackdown.

"They [throw things] last game too," Walters said. "They threw ... all kinds of stuff at us."

Mary Rives, a sophomore at Peace College, plays in the NCSU band. Rives supports strict policies also. "I've encountered a particular problem she's noticed at the games."

"The little bottles that liquor

See OFFICIALS, Page 2

Japanese school American companies

By Ken ReCorr
Staff Writer

N.C. State University administrators want a lean, efficient educational machine, so they've turned to a method that Japanese companies used to help build lean, efficient corporations: TQM.

Total quality management is a new buzzword in business management but not a new concept. It was introduced to the Japanese after World War II by two American scholars, Edward Deming and J.M. Juran.

The university is already applying the concept on an experimental basis to the advising system, but the College of Management is sponsoring a series of lectures to further explain the concept to interested students, faculty and staff.

Greg Easterlin, the general manager of the Griefline Goods Division at the international textile company Miliken, gave the first TQM lecture Tuesday in Nelson Hall.

Easterlin spoke about how he and other Miliken employees went to Japan for a taste of TQM firsthand. In a month full of seminars and meetings, the group learned how TQM could improve not only their production of goods but employee morale as well.

Three circles need to be watched at all times for a company to be

effective, Easterlin said: quality, cost and delivery.

But paying too much, or not enough, attention to one robs from the others and makes the company less effective. "That's what TQM is all about — being competitive," he said.

TQM stresses employee input. When "opportunity for improvement" was changed to "error reduction" in an employee suggestion program, the number of comments submitted soared.

Easterlin also stressed ethics. He said the keys to doing good business and being a good business are telling the truth, keeping promises, being fair and respecting individuals.

Miliken has benefited from TQM, Easterlin said. Comparisons from 1981 to 1990 show increases in business and worker participation as well as substantial decreases in accidents and paper consumption.

The next three lectures, their dates and speakers, are as follows: "Quality or Else ..." Oct. 6 by Lloyd Dobyns, "Process Methodologies for Results-Oriented TQM" Nov. 3 by Marcus Harwood, and "The IBM-RTP Manufacturing Quality Journey" Dec. 1 by Gene Adesso. All lectures will be held in 240 Nelson Hall at 4 p.m. Students, faculty and staff are admitted free. The cost for all others is \$40.

TQM Prescriptions

RULE 1: Tell the truth at all times

RULE 2: Always keep your promises

RULE 3: Be fair to all company employees

RULE 4: Maintain respect for individuals

By Ken ReCorr
Staff Writer

Hospice of North Carolina, a non-profit group, will be holding its 12th Annual Oktoberfest on Daniel Street Sept. 24 through Sept. 26. Food and beverages will be served and live entertainment will be on hand throughout the three-day event.

The Oktoberfest is free to all those who wish to attend. There will be

booths containing information on what Hospice is about and how it works.

Oktoberfest Chairperson Susan Rouse described Hospice of North Carolina as a non-profit group that helps care for the terminally ill in the last six months of their lives.

"We try to provide a sense of control [in their last days]," Rouse said. Hospice is a multipurpose organization that employs a variety of professionals to cater to whatever

needs patients have, Rouse said.

Nurses make up the majority of the group, but there are lawyers, spiritual leaders and lay-volunteers as well.

Lay-volunteers are those who do anything from running errands to cleaning houses to just listening.

Hospice throws the Oktoberfest each year as a means to raise funds for its programs. Last year, over \$35,000 was raised from the Oktoberfest alone.

A crowd of at least 10,000 people are expected to visit the Oktoberfest this year.

All proceeds from the event will go to Hospice of North Carolina.

Groups from Meredith and Peace Colleges and students from Broughton and St. Mary's High Schools will be part of the 300-person volunteer force. The festivities begin at 10 a.m. Thursday and run until late Saturday night.

See TICKET, Page 2

Hospice announces annual Oktoberfest

Exhibit shocks for a reason

Artists expose horrors of drunk driving in display

By Denise Parkes
Staff Writer

The Visual Arts Program is trying to shock people out of driving drunk with a special art exhibition.

The exhibition, now on display in the University Student Center, features the work of seven contemporary artists whose creations expose the horrors that result because of drunk drivers.

The exhibition was commissioned by the Progressive Corporation of Cleveland, one of the nation's largest corporate art collectors.

The Visual Arts Program created the disturbing display in an attempt to make the dangers of driving drunk hit students and faculty a little closer to home. Apparently, it is working.

"There have already been complaints," said Charlotte Brown from the Visual Arts Program.

One part of the exhibition depicts school children who were killed on a bus in a DWI accident. The real pictures of the children graphically show the effects of the accident, according to Brown.

"It's very disturbing to see this," said Brown. "If it disturbs some people—Good! It's a way to show that images can really make an impact."

According to Brown, the work in the exhibit is done by emerging and established artists. The artists' works vary in many different ways.

"By having this variety ... we hope it will speak to a lot of different people ... to their feelings and thoughts," said Brown.

The exhibition will be in the Cannon Gallery of the Visual Arts Center which is located on the second floor of the Student Center until Nov. 20.

The gallery's hours are: Tuesday-Friday, 12-8 p.m. and Saturday-Sunday, 2-8 p.m.



Joe Foster, a junior in industrial engineering, admires the artwork in the student center.

Ticket line aggravates students

Continued from Page 1

get first choice behind the campers," he said. "People can go out at 7 and get in line in front of you."

There is no one in charge of those who arrive early in the morning instead of camping out, Osborne said.

"We can't keep someone out there all night," she said. "We're only responsible for the people on the camp-out list."

A policy may be implemented for basketball season, she added. People who arrive at Reynolds between last roll call, which was

around 12:30 a.m., and ticket distribution at 7 a.m. should find the end of a camp-out line and get on the list of groups camping out, Osborne said.

Gordon Crenshaw, a senior, said he feels distribution of a written ticket policy is needed. People are not informed of the ticket policy, he said.

"You just sort of pick it up," Crenshaw said. "I heard it word of mouth."

A written distribution policy is available at the box office in Reynolds Coliseum, however it does not address a system for early morning ticket seekers.

The larger-than-average number of students desiring tickets may have contributed to the confusion Monday.

The 14,000 tickets allotted for students sold out between 2:30 and 3 p.m. Monday afternoon, according to NCSU Ticket Manager John Shafer. Normally, only about 11,000 students seats are taken each game.

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Duke University Medical Center Announces a New Research Study for the Evaluation of Family Risk Factors for Symptoms which may Develop Following Sexual Assault

What: Research Study designed to learn about the occurrence of psychiatric illnesses in the families of people who have been exposed to traumatic experiences and to also learn more about the effects of trauma on individuals.

Who: Female volunteers between the ages of 18 and 50. Participants are needed for the following groups: victims of rape (with the rape not having been less than 6 months ago and no greater than 10 years ago), women with a history of either depression or anxiety disorder.

Pay: Incest survivors are excluded from this particular study. However, members of our staff will be available by telephone to suggest other resources in the community.

Pay: Subjects will be reimbursed at a rate of \$20/hour.

If interested call: (919) 286-6690

Officials to enforce debris law

Continued from Page 1

comes in ... after they drink the liquor, they throw them up in the air," Reeves said. "Last year, they threw pizza boxes ... everything. And it would always hit us."

Ellis feels that his action is justified not only legally but morally. "It's not just a law thing ... it's common courtesy."

From the North Carolina General Statutes

14-281.1. Throwing, dropping, etc., objects at sporting events.

It shall be unlawful for any person to throw, drop, pour, release, discharge, expose or place in an area where an athletic contest or sporting event is taking place any substance or object that shall be likely to cause injury to persons participating in or attending such contests or events or to cause damage to animals, vehicles, equipment, devices or other things used in connection with such contests or events. Any person violating the provisions of this section shall be guilty of a misdemeanor, and upon conviction shall be fined not more than one hundred dollars (\$100.00) or imprisoned not more than 30 days, or both, in the discretion of the court. (1977, c. 772, s. 1.)

Corrections and Clarifications

In Monday's Technician we reported that N.C. State University gets volume and academic discounts off the price of EOS terminals. The base cost of each terminal is \$6,000. NCSU receives a \$2,000 per terminal discount so the final price is \$4,000.

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"1964"

...AS THE BEATLES

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COUPON

Bring This Ad to the UAB Office, Rm. 3115 Student Center to Get Your **FREE** Pepe Jeans Hat. Offer Good While Supplies Last.



Reid, Merritt, Auer lead Pack honors

Safety Mike Reid and linebacker David Merritt were named defensive players of the game by Coach Dick Sheridan after the Pack defeated Maryland 14-10 last Saturday. Reid picked off a Terrapin pass and deflected another by quarterback John Kaleo on the last play of the game to preserve the win for the Pack. He also shared the honor of ACC defensive back of the week with James Trapp of Clemson. Merritt came up with 22 tackles in the contest.

The Pack's offensive award went to tight end Neal Auer. Cornerback William Strong and punter Tim Kilpatrick shared the honors for the Wolfpack special teams.

Donations rise for the Wolfpack Club

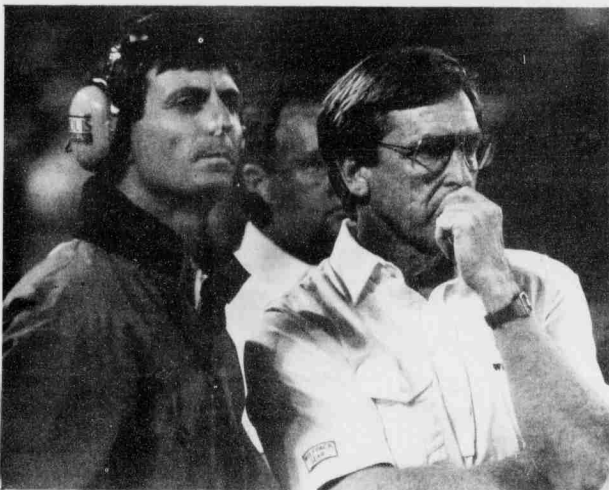
More than \$3.5 million was raised for athletic scholarships by the N.C. State Wolfpack Club during its 1991-92 fund-raising drive. The amount was up 12 percent from last year, and the 8,939 donors represent a nine percent increase.

John Praski won the Director's Award for money raised and members signed. Glenn Kelley of Raleigh raised \$53,246, the most of any member.

Former booters playing in Europe

Two former N.C. State men's soccer players are pursuing professional careers in Europe. Dario Brose, a two-time all-American for the Pack, is currently playing for St. Brieuc of the French third division. Brose also recently completed a tour with the U.S. Olympic team in the Summer Games. He started and played during most of the team's 3-1 victory over Kuwait. Brose scored in the second half on a free kick to even the match at 1-1. He also saw action in the United States' 2-2 tie with Poland.

Henry Gutierrez, who also earned all-American honors, is awaiting permission from soccer officials to join Brose on the St. Brieuc team. Gutierrez signed with the Rennes Club last summer but lost his spot on the team when the French team was dropped from the first division to the second division.



Quarterback coach Mike O'Cain (left) and head coach Dick Sheridan hope to call the winning plays Saturday.

FSU, State vie for ACC lead

By Bill Overton
Sports Editor

When N.C. State walks off the field Saturday afternoon after its confrontation with perennial power Florida State, Wolfpack head coach Dick Sheridan will truly know where his team stands among college football's elite.

That's because there is no better measuring stick than the Seminoles. The 12:10 p.m. matchup with unbeaten FSU (12-0) could be the Pack's greatest opportunity since Sheridan's arrival in 1986.

"We'll be facing what could be the best collection of talent in college football," Sheridan said. "We'll be measuring ourselves against one of the most successful

football programs over the last decade.

"Still, anything you say about their football team just doesn't seem quite enough to express how impressed we are with their performance thus far."

FSU has already racked up two ACC victories, a 48-21 win over Duke and a 24-20 decision at Clemson. After last week's pressure-cooker win over the Tigers in Death Valley, the Seminoles already took the lead as the frontrunner in the ACC. A Wolfpack upset could shakeup the conference drastically.

"I've been impressed with what I have seen from N.C. State," Seminole head coach Bobby Bowden said. "We know they will be a well-coached team and that the key for us will be executing what we are trying to do well. The problem is, execution is what hurt us against Clemson."

FSU has one of the best quarter-



Bowden

See STATE, Page 4

Women's soccer team falls short to Carolina

By Jeff Drew
Staff Writer

The N.C. State women's soccer team dared to dream the impossible dream Wednesday afternoon against top-ranked North Carolina. But despite a shrewd defensive strategy, the eighth-ranked Pack couldn't quite make that dream come true.

The six-time defending national champion Tar Heels rolled into Method Road Stadium with a national record 37-game winning streak and a whopping 27 goals scored in four games this season.

But with junior forward Kim Yankowski moved back to replace injured co-captain Linda Kurtyka in the defense, the eighth-ranked Wolfpack disrupted the Tar Heel attack and played UNC to a tough 3-1 decision.

"I feel very uplifted," State head coach Larry Gross said. "I think we played at about 80 percent of what we're capable of. We got some great individual performances from certain players and held tough with a great, great team."

"The move Larry made moving Kim Yankowski to the back was, I think, definitely a good one and really helped their team," UNC coach Anson Dorrance said. "Their defense is obviously the best one we've seen this season, and this was our best test."

Freshmen defenders Cathrine Zaborowski and Thori Staples joined Yankowski in making life difficult for the Tar Heel front line. Possessing the speed to challenge all-American forwards Mia Hamm and Kristine Lilly, the trio smothered the UNC attack and appeared to disrupt the Tar Heel's rhythm, particularly early in the match.

With Staples' blanketing 1990 national scoring leader Hamm, Yankowski harassing 1991 national player of the year Lilly, and Zaborowski stopping everything else from her sweeper position, State prevented any early breakaway opportunities by UNC. In fact, UNC's national team didn't struggle the entire match to shake free of Wolfpack marking.

"I thought our defense matched up really well with Carolina's front line," State senior co-captain Alana Craft said. "UNC's used to Lilly, Hamm and [Tishal] Venturini pushing the attack, and our defense really stopped them from dominating."

"[Staples] is going to be an incredible defensive player. She is the fastest defensive player I have ever seen," said Hamm, who sat out last season to train for the Women's World Cup. "No matter what we did, we could never move Zaborowski out of position. We'd try moving her around, and she was always in the right place. And when we took her on one-on-one



Angela Pridden/Staff

The Wolfpack's Thori Staples (left) trails UNC's Mia Hamm during the 3-1 Tar Heel victory on Wednesday.

she would turn us away. She especially did an excellent job organizing their defense."

In addition to her defensive heroics, Zaborowski played a hand in giving the Pack an early lead 21:07 into the match. Taking a free kick from 30 yards on the right wing,

the Norwegian national team member lofted a curving cross just right of the penalty spot. A charging Colette Cunningham beat the UNC defense to the loose ball and poked a six-yard shot into the left side netting for a 1-0 State lead. It was the first goal given up by UNC this season.

The Tar Heels took advantage of two State miscues to net the equalizer and go-ahead goals. A bad back-pass in the midfield led to a breakaway goal by Tracy Donahue

See CAROLINA, Page 4

Soccer team opens ACC slate Sunday Maryland first up for State

By Owen Good
Senior Staff Writer

"This hurts a lot. We'll have to suck it up and do the best we can."

Those were the somber words of N.C. State men's soccer assistant coach David Alfred. Bias Cardozo, a freshman forward, went down late in Tuesday's Winthrop match with a knee ligament injury and could be out for four weeks.

Cardozo's absence depleted a young Wolfpack front line that features only one upperclassman. It also drops Cardozo a notch at a time when he appeared to be hitting his stride.

"He had just scored his first goal," Alfred lamented. Cardozo delivered the game winner in the second half of the Winthrop game. He had also been proving himself to be a vital cog in a charming offensive machine by contributing three points until the injury.

"We hope to have him back by the Virginia match," Alfred said. But that leaves the Pack without a skillful ball handler for its upcoming ACC opener against Maryland.

The Terrapins will crawl into Method Road Soccer Stadium off its first win of the season, a 2-1 win against American. Despite Maryland's 1-3 overall record, Alfred sees the match as no cakewalk. Two of Maryland's losses

were to number-one Virginia and perennial-power Howard.

"It's huge for us," Alfred said. "Any win you get in the ACC is crucial, because it's such a tough conference."

Among those shouldering the load for Cardozo will be front-line mate Mark Jonas. Jonas, another freshman, has rocketed out of the gates with eight points and three goals to date. Junior forward Gabriel Okonkwo has also tallied four points on two goals.

As far as a replacement for Cardozo, Alfred speculated that Rudy Higa, Cory Kirsopp or Damon Nahas might get the call.

"There's a host of others that could start too," Alfred added.

All three mentioned are listed as midfielders, but the transition to the front line shouldn't be difficult given the motion-oriented offense State runs. Higa, a junior, has the most experience of the three, but Nahas, a freshman, has played in more games. Kirsopp has appeared in two games so far.

While Cardozo has dropped out of action for a while, other Wolfpack injuries appear to have healed. Scott Schweitzer and Jason Reiger sat out the Winthrop affair. Schweitzer, according to Alfred, should be 100 percent for Sunday's match after suffering a contusion in a prior game. Reiger is "hoping to be 100



Reiger/Staff Writer

Gabriel Okonkwo will be healthy when State opens the ACC season.

percent," Alfred said, after recovering from a strained Achilles tendon. Both are expected to be in action.

As far as strategy against Maryland, Alfred believes his team will approach them no differently than previous matches. The two last met in the 1991 ACC tournament. "We're gonna go forward," Alfred said. "Our whole game is designed

to push forward." The Wolfpack bombed Maryland with 33 shots on goal en route to a 2-0 romp. But Terrapin keeper Carmine Issacoco rounded up 17 saves in that campaign and should be less forgiving against a much different team.

Spikers searching for 4th straight win today

By Kevin Brewer
Assistant Sports Editor

After picking up some vital confidence and intensity Tuesday night in a three-game win over East Carolina, the N.C. State women's volleyball team will try to build on that momentum when it begins the Eastern Kentucky University Tournament today.

The Wolfpack's victory over the Pirates was its third-straight triumph and raised its record to 3-4. The match also marked the first straight-set victory of the season for the Pack.

"We've had some good practices," State coach Judy Martino said of her revived team. "They've been running drills with a lot of confidence. They're starting to feel good about themselves."

"I think what they needed to see was [that] we didn't have to rely on one player all of the time. Now we have several players that we can go to, and they're doing a pretty good job. There's not as much pressure on one or two people."

The lift in the team's intensity level enabled the Pack to hold East Carolina to 10 points for the entire match. In addition, the Pack's effort allowed Martino to give the entire squad playing time for the first time this season and get a better assessment of the team's overall development.

Junior Tennakah Williams has provided an emotional high for the team this season and has notched 54 kills and 36 blocks in seven matches. Senior Susan Dew is

See SPIKERS, Page 4

Cross country begins

Sports Staff Report

The N.C. State men's and women's cross country teams will be hosting the Raleigh Duals beginning today at 4 p.m. The Duals will be the first meet N.C. State cross country teams have hosted since 1985.

Today's meets will serve as the preliminaries to the ACC Championships. Expected to attend are Clemson, Wake Forest, UNC-Chapel Hill and Virginia.

The meet will be held at the N.C. State cross country course near Carter-Finley Stadium. The women's race begins at 4 p.m. The men's race will start at 4:45 p.m.

Serious

September 18, 1992

Page 8

HEY !!!

YOU MAY NOTICE SOME NEW NAMES AND FACES TODAY. PLEASE JOIN ME IN WELCOMING THEM TO THE PAGE! LOOK FOR ALL YOUR FAVORITES MONDAYS IN TECHNICIAN.

-JOE PROCOPIO

Wolfin by Theodore Wormley

W.O.R.D. by Ken Recorr

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CROSSWORD By Eugene Sheffer

ACROSS
1 Gallery cry
4 Verdon of Broadway
8 Barber shop implement
12 Springsteen's birth-place?
13 - Lama Ding Dong
14 Girlfriend, in Grenoble
15 Dixieland musician
17 Floss structure
18 Actor Howard
19 Loves me (not) factor
20 Lynn's singing sister
22 Take to the skies
24 Picky flavor
25 Handkerchief
29 Rhoda's mom
30 Cobbler's supply
31 Have the sniffles

DOWN
1 Masseur's offering
2 Smiley center
3 James Taylor hit of 1977
4 Grand Canyon persecution Suite
5 Homeless child
6 Tye units
7 Natalie's composer
8 Fun's cache
9 Drop
10 Urin
11 "Come n' get it"
12 Disenchantment
13 "18"
14 "Come n' get it"
15 Disenchantment
16 Stage composer Styne
19 Skateboarder's protection
20 Smooth-talking
21 Verdi opera
22 1692
23 Individuals
25 Africaner
26 Storyteller
27 Pleasant
28 'Oh, woe!' dad
29 City of Joy star
34 'How clumsy of me!'
35 Thanksgivng veggie
36 Integrated circuit
37 Byway
39 O.T. book
40 1957
41 Nabokov novel
42 Hang loosely
43 - You Sincere' (57 song)
44 M. Whitney
45 Embarrassed

Find Answers To Today's Puzzle On Page 8.

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Z V R Q Y W C Q R W V W R O
C R R K P E O W P D W E K .

Today's Cryptoquip clue: V equals R

The Cryptoquip is a substitution cipher in which one letter stands for another. If you think that X equals O, it will equal O throughout the puzzle. Single letters, short words and words using an apostrophe give you clues to locating vowels. Solution is by trial and error.

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Opinion

A paper that is entirely the product of the student body becomes at once the official organ through which the thoughts, the activities and in fact the very life of the campus are registered. College life without its journal is blank.
Technician, vol. 1, no. 1, February 1, 1920

Fix student ticket policy

Many N.C. State University students were eagerly anticipating the big camp out for tickets to the NCSU-Florida State University football game. Some groups were fortunate enough to receive their tickets with little or no problems. Others weren't so lucky.

When the Coliseum Box Office opened for business, a very turbulent morning began. People were already irritable from the lack of a good night's sleep, and confusion over ticket priority increased tensions even more. Tempers flared, curse words were mumbled and blame was shifted by the minute.

In truth, the blame for the confusion lies squarely on the vagueness of the Student Senate's ticket-distribution policy.

At first glance, the policy seems clear. Tickets go on sale at 7 a.m. the Monday before a game. Student groups can start camping out for tickets at 1 p.m. Sunday. At that time each group bundles its AllCampus Cards and gives them to a monitor who throws them into a pot for a random drawing to determine line formation. At this point in the policy, however, clarity gives way to harmful ambiguity.

The policy gives no mention of the all-important roll calls that ensure that representatives from each group on the list are present. This oversight is not a tremendous problem because roll calls are explained at the drawing. A more important example of the policy's vagueness is the clause "Monitors may add groups which missed the initial line formation to the established list, provided the group has a minimum number of people present representative of at least one-fourth the number of tickets desired." This statement is accompanied by no mention of when the monitors will be at Reynolds Coliseum to add people to the list. This omission was the root of anger and confusion Monday morning.

The last roll call was performed around midnight, but campers continued to come to Reynolds Coliseum to get in line. Because the ticket policy does not specify times that monitors will be present to add new groups to the list, groups arriving after midnight reasonably presumed that a monitor would show up at least one more before tickets went on sale.

But no monitors came. Instead, scores of students began lining up directly in front of the box-office windows. Those campers who arrived after the midnight roll call were faced with a dilemma: Continue to wait for a monitor to show, which, because of the vagueness of the policy seemed highly probable, or take a place in the rapidly forming line and risk giving up the benefits, if a monitor did show, of a night's camping.

But whatever choice those campers made, they had a right to be upset. The policy was simply not clear, and the result was that a lot of students' time was wasted.

Clear language should be employed to ensure that there is no confusion in the future. To announce the exact times of roll calls would be defeating the purpose, but monitors should arrive at regular intervals throughout the night to add people to the list. At the very least, if no monitors are going to be present after midnight that fact needs to be clearly written so that campers will know to get to Reynolds Coliseum before midnight.

The ticket policy was written with good intentions and a desire for fairness, but its unclear language undercuts its ability to peacefully regulate ticket distribution.

Considering that regulation of ticket distribution is one of the senate's primary responsibilities, the language of the senate's policy should be reviewed more carefully. Now the Senate must go back to the drawing board and draft a policy that will leave no room for misunderstanding.



Columns

State students who like the Tar Heels?

As I walked across campus the other day, I noticed that the person in front of me was wearing a UNC T-shirt. This is a common sight on our campus, and one that always confuses me. Are these people graduate students who attended Carolina as undergrads. I wonder? Or, perhaps, do their love interests go to that university? Or is there some other reason why they wear shirts promoting our academic and athletic arch-rival?

I have been curious about this ever since I first attended a class at N.C. State University. I had grown up as a Carolina fan, but when I came here I decided that I had made my choice. What's good for UNC is bad for NCSU, since our schools compete for students, money and respect. Therefore, I reasoned, to glorify Carolina is effectively to attack State.

And yet there in my freshman classes were students who occasionally wore light blue shirts with "Tar Heels" printed on them.

At first I did not handle this very well. I would look at their shirts with something between a stare and a glare, hoping they would get the message that it's tacky to promote one's bitter rival. Instead of accomplishing my goal, I apparently gave the impression that I was interested in spending time alone with the Tar Heel proponent. Also, I eventually realized that some of these folks may have had connections with UNC and that I shouldn't pre-judge their motives for wearing a shirt that may, in fact, have simply been borrowed from a girlfriend.

More recently, I have just given a bemused glance toward the blue-clad. But as I walked behind a gentleman a few days



J. Keith Jordan

ago, my curiosity kept building up. Finally, I walked up to him and asked why he was wearing that shirt.

"I was surprised by his answer, which was something like this: "Cos State sucks." "I see," I answered, then hurried away.

I still marvel at two things about my exchange with that gentleman. First, that a student would insult his own university in such a manner. Second, that someone with a syrupy farmer's drawl and a, shall we say, less than brilliant demeanor would presumably fault what he perceives as those same qualities in his likely future alma mater.

To find the roots of this type of thought we must examine our university's past. Until recently, NCSU really was a smallish agricultural and technical college with students more at home behind a plow than in a classroom. UNC has long been an excellent liberal arts school with a regional reputation and a strong graduate network.

It would have been silly to compare the schools' academics until recently, since they catered to different communities. State was basically a technical school. A North Carolinian who wanted a standard college education would probably hope to go to Carolina.

Things have changed on the academic

front. State's SAT average now is 1090 for our current freshman class, only 30 or 40 points below UNC's. A difference that small is almost statistically unimportant.

Carolina is still a terrific school. The difference is that now NCSU is similar in size and overall quality.

Unfortunately for us, perception lags behind reality. People across the state still think of us as a hokie, down-home agriculture school. And even some of our students share in that view.

How many Carolina students do you suppose wear NCSU T-shirts? Not many, I'm sure. They have an incredibly negative view of our school, which partly comes from our general image and partly from their desire for us to remain in our traditional role as a lesser school. You help yourself when you insult or lack respect for your competition.

We can't control how students at other schools and people in the community at large look at us. But we can control how we look at ourselves.

Positive thinking works for institutions just as much as for individuals. NCSU students need to look more at the good things about their university.

They also need to realize that we don't have to be in UNC's shadow anymore. We are a university in our own right, as big as Carolina. We have no more reason to compare ourselves to UNC than students there have to compare their school with Duke, or than Duke students have to compare their school with Harvard.

Let's not compare ourselves with anyone. We've got a good school. And we'll never make it better by bitterly dwelling on its weaknesses.

Forum Policy

Technician welcomes Forum letters. They are likely to be printed if they: deal with significant issues, breaking news or public interest; are limited to 300 words; are signed with the writer's name, and, if the writer is a student, his/her major. The Forum is for the N.C. State community to voice opinions on all newsworthy

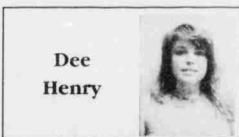
topics. Technician will consider all submissions, but does not guarantee that letters will be published. All letters are subject to editing and become the property of Technician. Letters should be brought by Suite 323 of the Student Center Annex or mailed to Campus Forum, P.O. Box 8608, University Station, Raleigh, NC 27695-8608.

Daredevil stunts not worth the price

This past week, the N.C. State University community was witness to the high cost of childish games and pranks. 19-year-old Timothy Brian Frasure was severely injured while trying to jump on a moving train as it passed by Sullivan Residence Hall. Because of an insane contest between friends, Frasure lost one foot and badly injured the other. The insanity of this appalls me.

I can only make guesses as to why a group of college students would think of such a contest, much less risk their lives by attempting it. What made these students want to test their mortality? This question boggles my mind. Before that last statement is interpreted inaccurately, let me explain. I'm sure the thought of death never came up in the discussion of the contest. The thought of dying may have never entered the students' minds. At least I hope not. But that was exactly what they were doing — playing with their lives.

These students were competing to see who could jump on the most moving trains during the school year. What was the prize, I wonder? Acclaim? Glory? A six-pack? OK, a twelve-pack. After all, they were risking their lives. Did they ever stop to think, "What if I don't make it? What if I get hurt?" Again, the insanity appalls me.



Dee Henry

And what does jumping on a moving train prove anyway? That you're a better person? A manly man? I tend to think that it proves that you're an insane person. But to each his own. If being able to say that you have jumped on the most trains in a school year makes you feel better about yourself, then I think you have a weak self-image to start with.

As a child, we were all taught right from wrong, what was dangerous and what was safe. Our parents tried to keep us from injury as best they could. Yet there are some people who refuse to listen to common sense. Unfortunately, these same people are the ones who get hurt, sometimes even killed.

I realize that college is a time of newly-found freedom, a time to test your limits. But, at the same time, you have to use your common sense. There are certain things that a human just cannot do except at the

risk of great bodily injury. Unfortunately, one of the characteristics of human nature is trying to do things at great risk. "How far can I go?" "Wouldn't it be great if I could try to do that, and actually pull it off?" These thoughts rush through everyone's mind at one time or another. Few people actually decide to test fate, but some do.

And people actually enjoy watching others test fate and reverse those that succeed. I have to admit, I'm just as guilty as anyone else of that. Just look at the popularity daredevils and stuntspeople enjoy. I remember when Evel Knievel tried to jump over the Snake River in the Grand Canyon and failed. What excitement! This man was risking his life to provide us with entertainment! When you look at it that way, the thought is kind of sickening, isn't it? Luckily, Knievel was not killed in his fabled attempt, but it is that chance that makes such attempts exciting.

This fascination with testing our mortality can go too far, as it did for Frasure. I really feel for him and his family and friends. He has a heavy burden to bear now. And for what? A few seconds of excitement? A thrill? To be able to say, "I tested fate and I won't?" I'm sorry — I don't think any amount of acclaim or posterity is worth the price Frasure is paying.

Technician

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NCSU spaceballs to be launched

Students help NASA study space debris

By Donnie Pulliam
Staff Writer

A group of N.C. State University students is working on a way to make tiny and nearly invisible space debris that huddles through space — which can carry as much impact as a 5.5-ton safe falling six stories — visible to radar.

Small debris and unrecognizable objects pose a problem to space shuttle navigation. The students, working with NASA, have completed a radar calibration system that may soon give shuttle pilots greater ability to detect what now seems invisible.

Larry Silverberg, coordinator of the NCSU Orbital Spheres Project, said current radar devices are unable to detect small objects, pilots and ground crew and are unable to predict when a particle will strike a spacecraft or satellite.

"Ninety percent of debris in space is smaller than 10 centimeters in diameter," Silverberg said.

In a project report, Silverberg says, "The inability to routinely observe these smaller objects would not be of concern if they posed no danger to future [shuttle] missions."

"However, orbital debris sweep past each other at an average speed of 10 kilometers per second. At this speed, a fragment weighing only 10 grams would impact with the same force as that provided by a 5,000-kilogram safe released from a six story building."

In response to this problem,

NASA recently began the Orbital Debris Radar Calibration Spheres Project, or ODERACS.

The ODERACS project will calibrate ground-to-space radar worldwide, enabling radars to recognize and track small objects in space.

In early November, NASA plans to launch spheres from an ejector, built by 10 NCSU students, called the OE-6 Orbiter Ejector. The system will release three pairs of spheres with two, four and six inch diameters.

Tracking devices and sensors around the world such as the Eglon Radar, the Goddard Telescope and the U.S. Army will note the paths of these spheres and their distinctive "blips" on radar screens.

The goal of the project, Silverberg said, is to find the correlation between the actual object shapes and resulting radar blips.

In the spirit of good housekeeping, the spheres will stay in orbit only a short period of time.

"They are designed to fall back to the earth within a year," Silverberg said.

If the spheres are allowed to remain in orbit, they would add to the amount of floating hazardous debris.

Silverberg added that the spheres will be ejected at different velocities to separate the spheres quickly and prevent radar confusion.

The ODERACS project was conceived by John F. Stanley of the Johnson Space Center in Houston at the advice of NCSU student Andy Mueller.

Mueller was a co-op at NASA who worked with Stanley when he suggested the idea. Mueller's idea was to involve NCSU undergraduate engineering students in the orbital ejector's design.

Mueller, as a result, helped to start the project and served as a team

leader with Silverberg.

Work at NCSU on the project began in the spring semester of 1991 when 40 students were selected to participate in a competition to design the ejector. The students were divided into four groups and designed four different ejector prototypes.

NASA allocated \$50,000 for the construction of the two winning prototypes. Over 10 weeks during the summer, nine students built prototypes from the students' designs designated OE-6 and OEM-6.

Silverberg said that each student was responsible for separate tasks, so work was highly individualized.

Students working on the project as well as their tasks include Peter Sramka, equipment design; Andy Mueller, on-campus administration; Ayberk Abayhan, gear design; Robert Long, fabrication; Joseph Cody, computer-aided modelling; Mark Cassada, electrical systems; Paul Schumacher, major fabrication; and Robert Trask and Michael

Norton, administration at NASA.

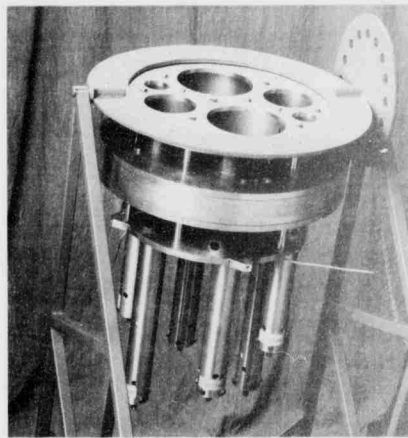
NASA evaluated both prototypes and selected the OE-6 to undergo a certification process during the first half of this year.

This process included vibration testing, thermal vacuum testing and electromagnetic interference testing to test the ejector's responses to the space environment. The testing took place in February, April and June of 1992.

In July, the OE-6 ejector system was delivered to Kennedy Space Center and loaded onto the space shuttle. The ejector will be launched Nov. 5 on Space Transport System 53, or STS 53.

NASA plans to release the spheres three days after the launch. Plans have already been made for the release of six different objects in March 1993 from STS 56.

Silverberg is grateful for NASA's confidence in giving responsibility to these undergraduates. He feels that the students matured through building something important for such an important organization.



Larry Davison, JCU Staff

The OE-6 orbital ejector will be launched Nov. 5 on the shuttle Discovery.

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Wallace and Brewer making a run at Wheelwright for Top Pig

Once again, Jeff Drew is stinking up the pigsty.

Proving his point for the second-straight week that Ann Wheelwright is a far better pigpicker than he is, Drew turned in an abominable 9-6 record to solidify his position at the bottom of the field.

Wheelwright was her usual overpowering self, turning in an 11-4 record and proving that week one was no fluke. The key to her success was the Tennessee-Georgia match-up. Wheelwright, who seemed to be on her way to Dorothea Dix Hospital when she picked the Vols over the Dawgs, came out looking like a genius where everybody else suffered a loss.

With that decision and the Michigan-Notre Dame tie, where no one wins, against them, most of the pigpickers found themselves in a third-place logjam. However, two games behind Wheelwright and in sole possession of second is the tag team combo of Puan Wallace and Kevin Brewer. Rumor has it that there's dissent in the ranks over who to pick in the FSU-N.C. State match-up. These two had better kiss and make up or some of the cellar-dwellers could sneak up on them.

Here are the third-placers. The list reads like a rap sheet from America's Most Wanted.

"Bad" Billy Overton, convicted of pick-

ing South Carolina over Arkansas, turned in an altogether respectable 10-5 record. Overton pulled an upset of his own by dropping acid and picking LSU to win over Mississippi State.

Mike Borden and Larry Campbell, members of the nefarious Assistant Directors Gang, found themselves in the middle of the line-up with 10-5 and 9-6 weeks, respectively.

Two more partners in crime, Donna Gregory and Tom Suiter, plead guilty to 10-5 and 9-6 records also. Donna won't be able to plea bargain, however, as she had the nerve to pick Duke over Vanderbilt. Soloist Ed Conroy rounds out third place

after being booked with a 9-6 record. That leaves A.C. Snow in ninth place to comfort Drew. Snow, like Drew, posted a 9-6 effort and remains one game away from the Large Editor.

Now for this week's fare:

Of course, the big match-up on everyone's mind is the Rice-Duke affair at Wallace Wade. This game will certainly overshadow the foregone conclusion at Carter-Finley Stadium when the Seminoles come to lose to State Saturday.

North Carolina continues to schedule the nation's top talent at the beginning of its schedule. The Heels take on Army in their own backyard. We'll know when their reg-

ular season begins, though. That's when the UNC sports information memos do nothing but mention Charlie "Choo-Choo" Justice, while the Heels stink up the conference.

Florida vs. Tennessee proves to be a big match-up in Knoxville, while Notre Dame hooks up with another Michigan foe, the MSU Spartans. Hope you guys don't tie.

East Carolina journeys to Columbia to take on the Gamecocks. We know it'll be a big win. ECU students, but don't tear up the field. The U2 concert is the 23rd.

Week 3



Bill Overton Puan Wallace Kevin Brewer Jeff Drew Tom Suiter Donna Gregory Larry Campbell Doctor Mike A.C. Snow Ed Conroy Ann Wheelwright

Last Week	10-5	10-5	9-6	10-5	9-6	9-6	10-5	9-6	9-6	11-4
Total	23-7	24-6	21-9	23-7	23-7	23-7	23-7	22-8	23-7	26-4

Florida State at N.C. State Army at North Carolina Georgia Tech at Virginia Maryland at W. Virginia Rice at Duke Nebraska at Washington Ohio State at Syracuse LSU at Auburn UCLA at Brigham Young E. Carolina at S. Carolina Florida at Tennessee So. Cal at Oklahoma Mississippi at Vanderbilt Kansas at Tulsa Notre Dame at Mich. St.	N.C. State N. Carolina Virginia W. Virginia Duke Washington Syracuse LSU UCLA E. Carolina Tennessee Oklahoma Vanderbilt Kansas Notre Dame	Florida State N. Carolina Virginia W. Virginia Duke Washington Syracuse LSU UCLA E. Carolina Florida Oklahoma Mississippi Kansas Notre Dame	Florida State N. Carolina Virginia W. Virginia Duke Washington Syracuse Auburn BYU UCL E. Carolina Florida Oklahoma Mississippi Kansas Notre Dame	Florida State N. Carolina Virginia W. Virginia Rice Washington Syracuse Auburn BYU E. Carolina Florida Oklahoma Mississippi Kansas Notre Dame	N.C. State N. Carolina Virginia W. Virginia Duke Washington Syracuse Auburn BYU E. Carolina Florida Oklahoma Mississippi Kansas Notre Dame	N.C. State N. Carolina Virginia Maryland Duke Washington Syracuse Auburn BYU E. Carolina Florida Oklahoma Mississippi Kansas Notre Dame	N.C. State N. Carolina Virginia W. Virginia Duke Washington Syracuse Auburn BYU E. Carolina Florida Oklahoma Mississippi Tulsa Notre Dame	Florida State N. Carolina Virginia W. Virginia Duke Washington Syracuse Auburn UCLA E. Carolina Florida Oklahoma Vanderbilt Kansas Notre Dame	N.C. State N. Carolina Virginia W. Virginia Duke Washington Syracuse Auburn BYU E. Carolina Florida Oklahoma Mississippi Kansas Notre Dame	N.C. State N. Carolina Virginia W. Virginia Rice Washington Syracuse LSU UCLA E. Carolina Florida Oklahoma Mississippi Kansas Notre Dame
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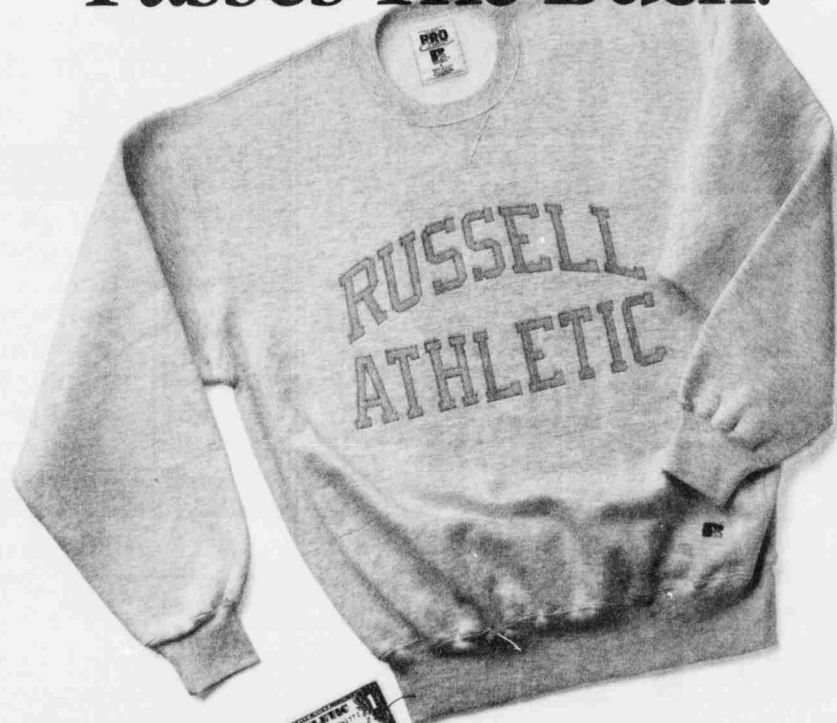
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