

Technician

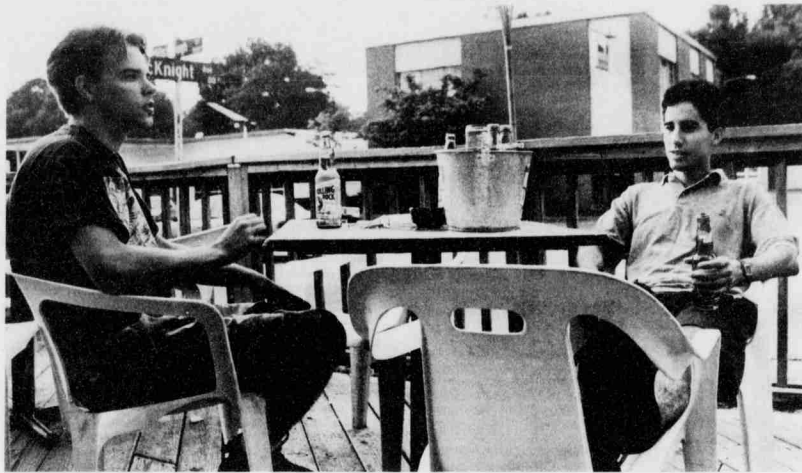
North Carolina State University's Newspaper Since 1920

Volume LXXIII, Number 111

Wednesday

August 4, 1993

Quiet Time



Mike Mestes, a senior in statistics, and Jon Watts, a junior in english, relax on the deck at The Cantina on Hillsborough Street.

Complaints result in noise ordinance

■ One Hillsborough Street business manager says the new Raleigh noise ordinance is hurting student turnout at local bar and grills.

By JODIE JOHNSON
ASSISTANT NEWS EDITOR

A new Raleigh city ordinance has left N.C. State University students free to go out and have a good time at the local Hillsborough Street

bars as long as they aren't too loud.

Local drinking establishments have noise meters to measure the decibel level of noise emitted. And as a result of the new ordinance, those noise meters are checked periodically by local authorities.

Jeff Norman, co-manager of The Cantina... said students of The Cantina... said students have become discouraged from going out and having fun because of the ordinance.

"It [the ordinance] has been in effect for a few weekends, and it has already hurt business,"

Norman said. "We're very disturbed by it."

He said the new law is not just affecting business at The Cantina, but East Village and Spike's bar and grill as well.

"They're really enforcing it on Thursday, Friday, and Saturday evenings," Norman said. "We hear there are about thirty unmarked and marked [police] cars cruising up and down Hillsborough St."

Norman said the conflicts about the noise started when residents on Dixie Trail came down to the bars

and videotaped the activity. The videotapes helped encourage officials to do something about the situation.

But he also said the real trouble occurs at the opposite end of the street from The Cantina.

"I worked at Barry's for about 8 months last fall and spring, and I think that's where the trouble is," Norman said. "We haven't had a fight since I've been at The

See HILLSBOROUGH, Page 2

Model helps in car design

By LAURA HERBST
NCSU INFORMATION SERVICES

Just about everyone who has driven a car has been frustrated by buttons that are out of reach, doorways that are difficult to get in and out of, or air vents that don't point where you want.

Dr. Francisco Iannetti, visiting assistant professor of industrial design at N.C. State University, has found a new way to designers solve these problems. With a little time and a few thousand plastic straws, Iannetti has come up with a device that can fashion models of car interiors — without elaborate and expensive clay or foam sculptures.

Here's how Iannetti's idea works: To make his model, Iannetti drills holes in a foam board, each hole evenly spaced a fraction of an inch apart. Plastic straws are stuck into these holes and their tips are plugged with black latex paint.

The board is sized to fit the side of a van, the dashboard of a sports car, or whatever interior space Iannetti wants to sculpt. Then he moves the straws in or out as necessary to define a proposed shape.

This system, which he dubs the Variform Prototype System, allows designers to see their designs in three dimensions without committing each one to an elaborate, time-consuming and expensive clay or foam sculpture, as is now practiced in the auto industry.

Changes, large or small, can be made instantaneously by reconfiguring the straws.

"When you render a two-dimensional drawing, you never appreciate fully its three-dimensional quality," Iannetti said. "With this adjustable model, you can feel with your hands the three dimensions at full scale, and you can see how the human body relates to it."

Other advantages of the system are environmental. Because it's reusable, the system doesn't result in disposal problems. It also doesn't necessitate fabrication with materials that create particles that can be allergenic or toxic to the modeler.

The model was developed during an NCSU design studio session sponsored by Ford Motor Co. The object of the studio was to develop safer and more effective interiors for luxury cars.

The studio was taught by Iannetti and directed by Haig Khachaturian, professor of industrial design and interim associate dean for research at the NCSU School of Design, who faced the problem of creating a way to explore different designs on the same model.

Iannetti's solution using plastic straws cost \$400. "You don't have to spend millions to illustrate an idea that can work," he said.

He is now looking for sponsors so that he and two graduate students can make the model more sophisticated with high-quality materials and computer-actuated rods. Using an improved system, the designer could draw on the computer, and the computer would direct the rods to the proper coordinates for an instant 3-D rendering.

"There are many other uses for this system," Iannetti added. "NASA could use it with a skin over the rods to study the aerodynamics of aircraft exteriors."

This year Ford Motor Co. contracted Iannetti about his idea, informing him that they were working on a similar invention. However, Iannetti hopes to develop his computer-integrated model first. Iannetti's experiments have paid off before. Equipped with a doctor-

See DESIGN, Page 2

Conservation key to safe water

■ Study by professor urges NC cities to take another look at their water sources

By SHANNON SHORT
NCSU INFORMATION SERVICES

A study by a researcher based at N.C. State University suggests that cities in the state may have to look farther from home to find future sources of drinking water.

It's a situation the city of Virginia Beach knows too well. The city continues to lobby for approval to tap Lake Gaston for its drinking water through an 85-mile pipeline.

Dr. David H. Moreau, director of the UNC Water Resources Research Institute at NCSU, said Virginia Beach's water problems may become more common for other cities.

Moreau said his study shows that North Carolinians are using more and more water, but the number of reservoirs remains somewhat stagnant.

Nearly 80 percent of all water processed by cities and towns and other public suppliers in North Carolina is taken from man-made reservoirs, he said. In the past 20 years, the amount of water with-

drawn from reservoirs increased by 79 percent — a growth of about 3 percent per year.

But storage capacity of public water supplies in reservoirs has not kept pace, increasing only at an annual rate of six-tenths of one percent, the report states.

Two large multiple-purpose projects, Falls Lake and Jordan Lake, both in the Research Triangle area, account for large increases during that time, but no new projects of that size are even on the drawing board, Moreau said.

The slowdown in expanding the capacity of reservoirs for public water supplies is part of a slowdown in building reservoirs for all purposes, Moreau said.

"The problem," Moreau said, "is that the best sites have already been developed. Those that remain will cost more to develop because they are likely to involve substantial environmental costs, and they are likely to be downstream of several sources of pollution."

Moreau suggests that conservation of the state's existing water supplies may help remedy the situation. He said measures like the recent change in the state's plumbing code to require low-volume (or water-

saver) flush toilets in new constructions will help.

"Not only must we take care to protect the quality of these important resources, the challenge before us is to use them more efficiently. Conservation does not mean having less, it means we have to become smarter about how we use water," Moreau said.

"Now is the time for us to begin investing in development of new knowledge about reducing demand for water while increasing the value of products and services that we get from its use," he said.

Moreau's study recommends preserving the quality of existing reservoirs and paying greater attention to the identification and preservation of potential reservoir sites.

"It's an old message, but it's got some new figures behind it," Moreau said. "We need to begin to think of investment in conservation as an alternative to an investment in new supplies — not so much because conservation by itself is a good thing but because it may turn out to be the most economical and only affordable way to meet the long-term water supply needs of the state."

High schoolers get taste of engineering

NCSU INFORMATION SERVICES

High school students from across the southeast recently took part in the 1993 Student Introduction to Engineering (SITE) program at N.C. State University.

The one-week summer residence program is designed to introduce top-ranked students to the various fields of engineering and, in particular, the College of Engineering at NCSU.

The summer program was held in two sessions: one that ran from June 13-18, and another from June 20-25. In all, 140 high school students attended the program.

The students must be enrolled in advanced math and science courses in their high schools, and are chosen on the basis of grade point aver-

age, PSAT/SAT scores or the recommendations of teachers or counselors.

To familiarize themselves with the NCSU College of Engineering, students selected three of the eight participating departments and visited one department each day, Monday through Wednesday, and took part in question and answer sessions with engineering faculty, staff and students.

The students took part in a design competition, which consisted of designing and building a bridge of soda straws and cellophane tape following specific design guidelines. Students also participated in a poster session during which each group explained the principles behind their design choices.

INSIDE

Sports.....Page 3
Features.....Page 5
Crossword.....Page 6
Opinion.....Page 4
Classifieds.....Page 6

Technician is committed to accuracy. If you find an error or if you know of something that we ought to be covering, please let us know.

How to get in touch:

News, sports, features 515-2411
Opinion, photo, graphics 515-2412
Ad sales, classifieds, business 515-2029
Fax 515-5133
Mailing address: Technician, Box 5608, Raleigh, NC 27695
Office: Suite 323, Student Center Annex, NCSU Campus

Programs to highlight NCSU

NCSU INFORMATION SERVICES

SEARCH, a six-part science series produced by N.C. State University, will kick off its third season on University of North Carolina Television on Tuesday, August 7 at 7:30 p.m. with a sweeping view of research being done by North Carolina scientists.

Each Tuesday through Sept. 21, viewers will have a glimpse of often "stranger-than-fiction" topics — mysterious half-animal and half-plant algae capable of causing massive fish kills, fiber that is stronger than steel; a mechanism that purifies stuffy air.

Each half-hour show, produced by the NCSU Office of Broadcast Services, will spotlight the work of researchers from NCSU and other institutions in the UNC System.

Ron Kemp, director of Broadcast Services, said, "THE SEARCH

"[The program] makes it very clear that research is not confined to a sterile laboratory setting."

—Ron Kemp,
director of Broadcast Services

series demonstrates how we benefit from university research in countless ways. It also makes it very clear that research is not confined to a sterile laboratory setting."

The season's opener on Aug. 17 also will demonstrate that research tools run the gamut from sophisticated laboratory equipment used to track an elusive cure for AIDS, to common shovels used to unearth

Tuscarora Indian artifacts at an archaeological dig in Eastern North Carolina.

SEARCH cameras will follow a team from the NCSU College of Forest Resources into the black-water swamps of South Carolina to learn about the NCSU Hardwoods Research Cooperative. And, another segment features walking robots built by students from the NCSU College of Engineering for a national collegiate competition.

Topics for other weekly shows include scientists who work to improve the environment, stimulate economic development, battle diseases and develop new technologies for the future.

In the final two episodes, viewers will learn that NCSU is not confined by its campus boundaries.

See RESEARCH, Page 2

News Note

Hazardous Waste Conference

Use summary heads, Use summary heads, Use summary heads!!

Registration is open for the North Carolina Hazardous Waste Materials Transportation Conference to be held Aug. 19-20 at N.C. State University's McKimmon Center.

The conference will address the concerns of those in the trucking industry and other professionals responsible for the safe transportation of hazardous materials. Participants will learn about current hazardous waste materials regulations, enforcement, emergency planning and preparedness, training and response.

Two preconference workshops on Aug. 18 will target the compliance issues of public officials, and certification requirements of emergency responders.

Sponsors of the conference include NCSU's Office of Research and Outreach, N.C. Division of Emergency Management, United Parcel Service and Glaxo Inc.

The event is meant to stimulate communication and coordination among the organizations responsible for developing and implementing a comprehensive safe handling and transportation program for the state.

The registration fee for Aug. 19-20 is \$50. The fee for the preconference workshops is \$20.

COMPILED BY JODIE JOHNSON FROM STAFF REPORTS AND NEWS RELEASES

Hillsborough

Continued from Page 1

Cantina."

Norman said everything is okay as long as the bar passes its noise meter tests.

"I'm afraid that when school starts back, it's gonna get noisier," Norman said. "But people know what the cops are doing there, so they get quiet."

Design

Continued from Page 1

al degree in materials engineering, Iannetti has succeeded in designing a quieter exhaust system for race cars that maintains horsepower, in improving plasma heating systems for steel factories, and in developing designs and materials for NASA.

Iannetti is in contact with public agencies, who are reviewing his proposal for sponsorship.

"The design concept is key to any project," Iannetti said. "Once you have the concept, the rest will follow."

Research

Continued from Page 1

Faculty bring their expertise to individuals, industry and communities across North Carolina to improve the quality of life through extension and outreach programs.

New programs can be seen Aug. 17, 24, 31 and Sept. 7, 14 and 21. The 1993 SEARCH productions were funded by the NCSU Office of Research, Outreach and Extension, UNC Television and the NCSU Textiles Foundation.

Answers

Crossword Puzzle

G L I V E A G O A G O G
 A T I O N L A W S T I E
 G O O D W I L L B O C A
 A R M O R S P I D E R
 B I L A N E
 O L G A C A B O U M P
 R O O D I E M O N G O O
 K I O A S I E A S K I T I
 B A H B I A R A
 J A N G L E D A V I S T
 A L L E G O O D T I M E
 M O W N S K Y G I A S
 B O S T I N G D I A L E S

Yesterday's answer 8-5

Cryptoquip

Said wealthy man to indulged son, "Where are your manors?"

Floods

Continued from Page 4

threatening affair. We were in danger of losing our over-mortgaged land, our homes, our equipment to the banks that now owned them.

We had nowhere to turn for potable water. We placed the primary reliance for its supply with the government. We gave up our wells. In many cases, we were forced to give them up. It was progress of course. Government can always do it better.

We demanded that our government build levees to stop the next flood from occurring. They did. We demanded even higher levees. They built them. We demanded dams and locks to make our travels

easier and the river more stable. They rose from the waterway like concrete bunkers. We forgot what it was like when we river floods. We abandoned our only means of transportation through high waters. Who needs a row boat on the plains of Iowa?

We centralized our mode of living, then forgot to meet all the new neighbors. We became strangers in our own world. Then the floods came once again.

They came through Davenport. They flooded St. Louis. They ravaged the countryside in Kansas and Nebraska and Illinois and Minnesota. They tore the heart out of our country in a widening swath as the rains refused to abate.

Last week, the Mississippi and the Missouri rivers hit a record crest. They will recede and in their wake

can be found two options.

The first is a scene of disaster. Homes lost, farms destroyed and their owners fleeing for financial cover, the accoutrements of civilization on their way to New Orleans.

Or it could be a scene of eye-opening relief. The realization that the land was replenished after all those years of flood control, the recognition that it is inane to set a metropolitan area under the level of the river bed, and the re-awakening to the realities of the force of nature.

Maybe we could even stop giving away our surpluses so that we have food for the lean years.

I think, though, that I will see us take the five billion dollars and run. My, we sure have become civilized.

The Summer Technician staff would like to thank it's readers for reading. It would also like to thank it's writers for writing (thanks, NCSU Information Services). Jeff Drew would especially like to thank Mark for all his support, suggestions, wit, charm, and dinner last night. Colin Boatwright would like to thank Jeff for not killing me as I write this. THANKS?

Technician recognizes the following for their valued help this summer:

- Jeff Drew, Chief Victim Hunter Morris, Right Hand Colin Boatwright, Left Hand Kevin Brewer, Absence Owen Good, Dito Steve Crisp, No protests Dee Henry, Back Hand Jodie Johnson, Accent Colin Burch, Coffee Tyrell Tait, Mug shot Canada boy, Summary heads Mark Tosczak, Nothing

Hey, 43 months is a long time to say good-bye

SUMMER SLAM

16" ATW Pizza **\$9.34**

Heat Eater 14" 1-Topping Pizza + 2 Sodas	TANNING SPECIAL 12" 3-Topping Pizza + 2 Sodas	Long Summer Special 20" 1-Topping Pizza	POOLSIDE POKEY Medium Pokey + 2 Sodas
\$5.93	\$6.54	\$9.34	\$5.84

3017 Hillsborough St. Raleigh, NC

Mastercard, Visa, Discover and Checks Accepted

WHAT'S HAPPENING

WEDNESDAY
ART EXHIBIT—Running today through Aug. 6 in the NCSU African-American Cultural Center Gallery. Multimedia work by four NCSU faculty members. The gallery is located in the Student Center Annex and is open and free to the public weekdays from 10 a.m. - 4 p.m.

THURSDAY
MOVIE—"Basic Instinct" at 8 p.m. Student Centre Annex Theatre.

SUNDAY
MEETING—Dignity/Triangle (Gay, Lesbian, & Bisexual Catholics and Friends) meets every Sunday night at 6 p.m. for worship and fellowship. All are welcome to attend. For more information, phone Mark at 836-8793.

TUESDAY
NCSU TENNIS CLUB meets every Tuesday, 7 p.m.-9 p.m. at Carmichael Tennis Court #1. Reserved court times, play list. New members welcome! Any questions, call Kim, 676-4161.

COMING UP
Summer Break begins at 7:30 a.m. Wed., Aug. 11. During this time, no permit will be required to park in zones CC, CD, C, D, E, F, G and H. Meters, reserved areas and all other "no parking" areas will be enforced as usual. Zone Permits Parking enforcement will resume Wed., Aug. 25 at 7:30 a.m.

What's Happening Policy
What's Happening items must be submitted in writing, at least two publication days in advance at noon, on a What's Happening form, available in Technician's offices. Space is limited and priority is given to items that are submitted earliest. Items may be no longer than 30 words. Items will be edited for style, grammar, spelling and brevity. Technician reserves the right to not run items deemed offensive or that don't meet publication guidelines. Direct inquiries to Dee Henry, News Editor.

Troutman's College of Manicuring

Manicures w/ massage	\$4	
Tips	\$15	
Tips with Overlay	\$20	Mon. - Fri. 9:00 - 2:00pm
Sculptures	\$20	Mon. - Thurs. 5:30 - 9:30pm
Fill In	\$10	Sat. 9:00 - 1:00pm
Pedicure, French, Hot Oil	\$7	

2412-A Paula Street • Raleigh, NC 27608 • 832-3733

Be good to your Chia Pet

\$\$\$ Asthma, Headache and Heartburn Studies \$\$\$

HEADACHE STUDY individuals 18 years and older with occasional or frequent headaches needed for a short home research study. \$40.00 paid incentive if qualified.

ATTENTION NIGHTTIME HEARTBURN SUFFERERS: Individuals 18 years and over with nighttime heartburn needed for potential upcoming research study. PAID INCENTIVE IF QUALIFIED TO PARTICIPATE.

INDIVIDUALS 12 YEARS AND OLDER on daily Asthma medications needed for research studies. Up to \$500.00 paid incentive for those chosen to participate.

Call Carolina Allergy and Asthma Research at 881-0309
If no one is available to answer please leave a message.

Raleigh now has a comedy school!

Introducing:
Frank King's Bermuda Maverick Comedy School

- Learn how to be a comedian!
- Or increase your communication skills!
- Or just for the fun of it!

A six week course topped off by your performance in front of a live audience at

Next class begins August 22nd. Class size is limited, so for information call TODAY!
406-6026

Paid Volunteers Needed

UPS DELIVERS EDUCATION
PART TIME JOBS AVAILABLE

\$8.00 per hour

Three work shifts to accommodate your class schedule:
• 11 pm - 3 am
• 4 am - 8 am
• 6 pm - 10 pm

Great physical workout!
Loader and unloader positions available.
Five-day work week - Monday through Friday
No weekend work!

CALL 790-7294 TO SCHEDULE AN INTERVIEW WITH A UPS REPRESENTATIVE OR VISIT THE EMPLOYMENT SECURITY COMMISSION AT 700 WADE AVENUE.

WORKING FOR STUDENTS WHO WORK FOR US
We are an Equal Opportunity Employer

Please See Our Display At The Electric Company Mall.

AVENT FERRY SHOPPING CENTER

At The Corner Of Avent Ferry Road And Gorman Street

- COST CUTTERS
- Handout
- First Aid
- Avent Ferry Cleaners
- U.S. MAIL
- U.S. Post Office
- American General Finance Co.
- Avent Ferry Florist & Susan's Hallmark
- THE CLEANERS
- PEARL CHINESE RESTAURANT
- Dr. Charles C. Wiggins

Hey, maybe this guy can coach

■ It was easy to ridicule coach Les Robinson when his South team lost its first three games at the U.S. Olympic Festival. It's not so easy now.

It seemed merely an inauspicious game in a nondescript tournament. There was hardware on the line but the medal was bronze, not gold. Pride would be the key. After all, you can't play hard for third place in the U.S. Olympic Festival unless the thought of finishing fourth out of four teams leaves you shuddering with disgust.

But pride wouldn't matter in this one. It was obvious who would win. The East team, with prized North Carolina recruits Jerry Stackhouse and Rasheed Wallace, had been the favorite to win the gold medal and had fallen only because of its youth and inexperience. The team with the most talent simply had made too many mistakes.

The bright spot had come two days earlier against a hapless team representing the South. The East rolled to a 132-106 win, taking full advantage of a squad under the spell of one of the most hideous curses in all of college basketball.

That's right, the South's coach was Les Robinson.

Who else but Robinson could lose his best player to injury before the first game? Who else but Robinson could take a team favored to reach the gold medal game and guide it to double-digit, first-half deficits in each of three consecutive losses? This showing seemed proof that



Jeff Drew
Off the Docks
Robinson's critics at N.C. State had been right all along. Robinson's losing record in West Raleigh wasn't the result of forces outside of his control; it was the result of his own incompetence. Robinson can be successful at

right. Maybe Robinson doesn't have what it takes to be successful. Loss number four seemed imminent for most of that bronze medal game. The East clearly enjoyed superior talent, particularly on the baseline, and looked ready to blow the game open at any time. But despite several double-digit leads by the East in the first half, the South took advantage of sloppy East ball handling and a strong effort by State's Todd Fuller to stay within striking range. That pattern continued in the sec-

They whooped and hollered and exploded from the pine on every good play. They seemed to expend more energy than the East players on the floor.

Leading the resurgence was Robinson. The beleaguered coach with the lousy luck and lots of losses danced up and down the sideline, shouting encouragement and instructions to his team.

The players responded. The South tied the game and surged ahead. A three-pointer by Barry captured the lead and consecutive dunks by Louisville's Jason Osborne clinched the win.

Robinson, the king of the losers, finally enjoyed victory. His players had found something — pride, heart, whatever — and decided that they were sick of being beaten and humiliated. They were determined to get a win before the end of the festival. They were successful.

I hope Robinson and his players at N.C. State can enjoy that same kind of success. I hope they can find whatever they need to shake off the gloom of the past two years and capture some of the enjoyment that drew them to basketball in the first place.

I can't say for sure if Robinson will ever be successful enough to make State fans happy. I don't know if he's going to survive as Wolfpack basketball coach.

All I know is that on one nondescript summer day, I watched an otherwise inauspicious basketball team play so hard and so enthusiastically that I was proud to know its coach. And you know what? I still am.

All I know is that on one nondescript summer day, I watched an otherwise inauspicious basketball team play so hard and so enthusiastically that I was proud to know its coach.

East Tennessee State, but he can't match up with the Dean Smiths and Mike Krzyzewskis of the sport. He lacks the inherent ability to coach competitively at the highest levels of college basketball.

Just look at his team at the Olympic Festival: He's got players such as Martice Moore and Drew Barry of Georgia Tech, Scotti Thurman of Arkansas and Jared Prickett of Kentucky, and what kind of team does he put on the floor? A disorganized, selfish squad that lacked the focus and discipline to compete against the well-coached North and West teams.

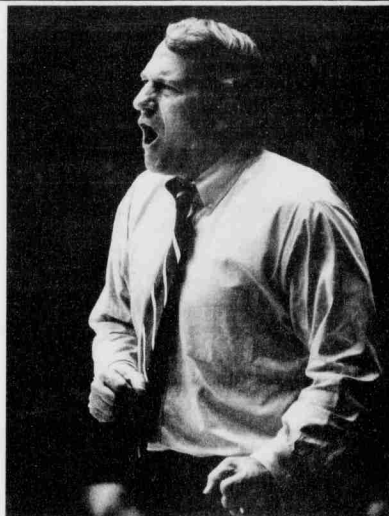
Even an ardent Robinson supporter such as myself was troubled by this fiasco. Maybe the critics were

and half as several East mistakes and big baskets by Prickett and Moore tightened the game. Another pattern developed as well.

The East team and Wallace in particular began to whine at the referees and pout after questionable calls. The South, in the meantime, grew more and more energetic, drawing energy from every East miscue.

South players began to scramble and make steals. Bodies hit the floor. One South player went tumbling over the scorer's table while several others became intimately acquainted with the baseline photographers.

Even the players on the South bench got caught up in the revelry.



FILE PHOTO/CHRIS HONDIS FOR THE TRI-CITY NEWS

THE CUTTING EDGE
"We Carry Nexxus & Paul Mitchell" **832-4901**
832-4902
\$2.00 off Haircut - guys & gals
\$5.00 off Bodywave
\$5.00 off Sculptured Nails
ONE BLOCK FROM CAMPUS
Appointment or walk in
2906 Hillsborough St.
across from Hardee's

Across campus or across the country. No matter where you move we can help.
3104 HILLSBOROUGH ST.
(2 blocks west of Hardee's & next to Cap-A-Joe)
821-9233
Summer Hours: M-F 8-6 & Sat. 10-3
10% Student Discount On Most Items

Full service packing/shipping
Boxes & Packing supplies
Private Mailboxes
Mail Forwarding
Stamps/Metered Mail Service
Fax Services/Photocopying

Shipping Connection INC.

UPS AUTHORIZED SHIPPING OUTLET

TWO GUYS
AMERITALIAN RESTAURANT
FEATURING

PIZZA, ITALIAN SPECIALS, SANDWICHES AND SALADS

Monday Baked Lasagna, Tossed Salad \$4.55	Tuesday Spaghetti with Meat Sauce, Tossed Salad \$3.95	Wednesday Chopped Sirloin Steak, Tossed Salad, French Fries \$3.90
---	--	---

832-2324
Specials Good After 5pm
2504 Hillsborough St. -- Across from D.H. Hill Library

PROFESSIONAL, FRIENDLY SERVICE YOU CAN COUNT ON
Our Knowledgeable Sales Staff is Always on Hand to Help You Find What You're Looking For!

PowerTorque Quick Kits As Low As \$10.99 Each Exch. Includes Disc, Plate, Bearing & Pilot Tool	WEAREVER Pads As Low As \$8.88 Each Set	FRAM Extra Guard™ OIL FILTER 2.47 Each Reg. Price Thereafter	Exxon 10W30 Or 10W40 Motor Oil Sale Price..... .89 Mfg. Mail-In Rebate..... -.20 Your Cost Each After Mfg. Mail-In Rebate..... .69 Each Qt./LIMIT ONE CASE Reg. Price Thereafter	Puncture Seal with Hose 2.49 Each Mfg. #M11-17
AUTO TEMP Air Conditioning Compressors As Low As \$9.99 Each Exch.	FRAM Syn Guard™ OIL FILTER 2.47 Each Reg. Price Thereafter	KRYLON RUST TOUGH™ Each Your Choice	turtle wax Turtle Wax VINYL FABRIC Cleaner, Vinyl or Carpet Cleaner 1.99 Each / Your Choice Mfg. #T-250R, T-254R, T-259R	Puncture Seal Without Hose..... 1.49 Each Mfg. # M11-13
Xact Spark Plug Wire Sets As Low As \$9.99 Each	GO/DAN Each	Castrol Super Clean™ Each Choice	Westley's Car Wash Each Choice	Castrol 10W40, 10W30, or 10W50 Motor Oil 1.17 Each Qt. MAXIMUM PROTECTION AGAINST VISCOITY AND THERMAL BREAKDOWN LIMIT ONE CASE/Reg. Price Thereafter

Prices Good Through Saturday, August 7th, 1993 • We Reserve the Right to Limit Quantities • Complete Warranty Information Available at All Advance Auto Parts Stores

RALEIGH 3585 Maitland Dr. 231-8653	RALEIGH 3950 Western Blvd. 828-4208	RALEIGH 305 Tryon Rd. 779-1222	RALEIGH 3809 Capital Blvd. 872-2981	SMITHFIELD 410-A Raleigh Rd. 934-9458
---	--	---	--	--

Advance Auto Parts
WE RECYCLE USED AUTOMOTIVE OIL & BATTERIES

Opinion

A paper that is entirely the product of the student body becomes at once the official organ through which the thoughts, the activity 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

Graduate quickly, or else

■ The North Carolina General Assembly has decided that students are taking too long to graduate. Its solution is wrong and self-defeating.

Just as students were starting to grasp the odds against them... As if rising tuitions, sinking libraries and dead-calm job markets weren't bad enough for students, the already-flunking government is trying to meddle in their affairs. The dunce is running the classroom. In its drive to take control of the UNC Board of Governor's domain, the N.C. General Assembly has hidden in its 1993-94 budget its intention to make students who take more than 140 degree credit hours for an undergraduate degree or 110 percent of the credit hours for a five-year degree pay a 25 percent surcharge on regular tuition. Recommendations on implementing the surcharge will be made, by a legislative committee, on April 1, 1994.

Worse yet. Legislators changed the requirements for "full-time" status. The current 12 hour minimum will be raised to 15. Fortunately, this won't be implemented until December 1997. The General Assembly's reasoning — if it may be called that — is that students who are taking longer than four years are a burden to taxpayers, and strong action must be taken to end low four-year graduation rates. What Legislators don't understand is that, thanks in part to their contributions to rising taxes and rising tuition, many students have to work while they're in school. Others are admirably trying to stay financially independent of their parents. They can't wrestle with more than 12 hours of school work while working a 20-hour-a-week job. Furthermore, it's not just a question of how much time homework and a job will take. Reading, practicing and constructing papers takes time. Recreation is essential to anyone's wholistic health. Extracurricular activities — such as honor societies, clubs and campus media — are often necessary to gain experience in the field a student wants to pursue. Students with learning disabilities also get singled out. The Assembly, then, is implicitly

penalizing students. Nevermind the taxpayer burden created by their own pork barrel projects. Nevermind House Speaker Dan Blue's exorbitant bonuses to his aides. Suddenly, it's stressed-out, just-getting-by students who are the soul of all the state's problems. Yeah, right. A five-year graduation mandate is pushing too far, and an increased number of credit hours per semester will cost the individual students more than it will the taxpayers. Frankly, General Assembly, you've raised students' tuition each year, requiring more and more students to work during the school year to get by, and in return you've let our libraries slide almost completely under the mark of legitimacy. One of you in the Assembly claimed concerns about preparing students for a global economy. If you're so concerned about a global economy, then why penalize students who double major in hopes of bolstering their ability to compete? Or have you even considered making a policy for such situations?

The Board of Governors would have. And if you're so concerned about the poor and uneducated in this state, why institute a law making it almost impossible to work and remain a full-time student? Do the members of the Assembly have a clue what life's like in the lower half of the middle class in the private sector? What the legislation against working students will do, ultimately, is reduce the number of students who can enroll. How intelligent is that? Get a clue, Assembly: Forcing the working students into the life-long education program isn't going to help the four-year graduation rate. Once again, we find our government "by the people, for the people" just hurting the people. The decision the legislature has made, if it was necessary, should have been made by the Board of Governors. But while this legislation shows us another "ivory tower" — the elitist, out-of-touch members of the Assembly. If they were truly pro-education, as the Legislators like to characterize themselves, they wouldn't simultaneously tighten the screws on time and money. Students will do well to do some ousting next election.



Commentary

A history of the Mississippi floods

The bread-basket of America is a most remarkable construction of nature. Its richness is comparable to the thin stretch of fertile land that surrounds the Nile. It is of the same character as the cradle of civilization that parallels the Tigris and Euphrates. But unlike these areas, it is vast. It is fertile loam as far as the eye can see. It is rich humus ideally placed for cultivation that is deeper than the plow can turn. Yet how did it get this way? Flooding. Repeated and catastrophic flooding. For eons, the primary Mississippi and Missouri systems, along with their thousands of tributaries, large and small, have been overflowing their banks on a regular basis — at least on a time frame that is geological. The geological substrate was laid with the drying of the epeiric seas that, at many times and in cycles, covered America and southern Canada. As these sediments solidified into a non-porous platform, erosional material from the far reaches of the Canadian shield and the bordering orogens of the Rockies and Appalachians was swept away from its resting place among the highlands and deposited on this flat expanse. For millions of years, through temperate swings that alternated between ice ages and tropical climate, the deposits kept coming. Bacteria, then plants, then animals all consumed the food, lived, and subsequently died, further enriching the soil with their organic matter. Generation after generation survived and thrived on the bounty provided. The rivers, becoming firmly entrenched in their channels, began to actually rise above the surrounding plain. Each flood, each overflow of existing banks, left additional rich material that fanned outward and downward. Over the course of time, the rivers built up their own beds, rising



Steve Crisp

ever so slowly upward. In some instances, the floor of the river was at an elevation greater than that of the surrounding region before once again seeking its own level and breaking off to form an oxbow lake. All of this new land was enmeshed with the basic nutrients of life. A short time in the past, a mere blip in fact, came mankind. People developed the art of agriculture and controlled cultivation. We tamed the wild grass and herb. We domesticated the animal. We mechanized the workload. We planted, we harvested, we ate. And the river continued to flood, bringing with it the bounty of more good soil. In the last century, American farmers in the Midwest developed the technique of deep-plow farming. The soil in many spots is so fertile that one need turn it only every eight to ten years. They plow deep. Down to ten feet or more. This is a region where top soil extends beyond a level where bedrock is found in most other areas of the world. Once again, why is it like this? Flooding. Overwhelming and catastrophic. We knew the floods would come. We wanted them. We knew the effects and we knew that they were good. We prepared for them. Though the Mississippi floods did not recur in a regular cycle like those of the Nile, they were gentle when they did come. The river rose gradually, crested, and receded as slowly as it came. The people of the Euphrates would have been blessed to have shared in

the fortune of a gentle flood. They had to suffer the torrents as walls of water over-rushed their villages and farmlands. We were lucky. Our readiness consisted of always being prepared for the worst. We grew an over-supply of food to feed our families and livestock for when the fields were temporarily engulfed. We knew that the water would recede and the yield would be increased even more so by the trials brought on by the river. We prepared our houses as best we could. We set the farmland at the river-side and our dwellings some ways back. Even so, if our houses were taken, we rebuilt. With the help of our fellow farmers and townspeople, we recovered from our temporary setback and moved onward. We mortgaged our futures with a sweat equity that needed no repayment. In fact, this investment repaid us a thousand-fold. At some point, though, things changed. I'm not sure if one could put a date to the time when self-reliance disintegrated. As a people, we gave up our drive, our goals, our sense of self-preservation and placed it in the hands of our government. The river was no longer a life-giver; it became a threat to our existence. Floods were now deleterious. They raped what we owned and gave little in return. The rich deposits so valued in the past and so nurtured by the people of the land became seas of unpressurable mud. Invading everything we owned. A nuisance, a hindrance to our productivity. Our storehouses were depleted; we had given it all away to others who saw grain crops as a commodity to be traded for weapons rather than as a lifeline to be used for food. The loss of one crop became a life-

See Floods, Page 2

Forum Policy

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

- deal with significant issues, breaking news or public interest
- are limited to approximately 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 University community to voice opinions on all newsworthy topics. Technician will consider all submissions, but does not guarantee they will be published. All letters are subject to editing and become the property of Technician. Letters should be brought by Suite 323 of the Student Center Annex or mailed to Technician, Campus Forum, P.O. Box 8608, University Station, Raleigh, North Carolina 27695-8608.

Technician

Serving North Carolina State University Since 1920

Summer Editor in Chief Jeff Drew

Summer Managing Editor Hunter Morris

Editor at Large	Chris Hubbard	Salpe Manager	Amy Peacock
News Editor	Dee Henry	Classifieds Manager	Joy Stokes
Sports Editor	Kevin Brewer	Ad Design and Layout	Daryl Willoughby
Editorial Page Editor	Colin Burch	Business Manager	Lee Bryan
Photography Editor	Angela Pridgen	Payroll/Circulation	Mike Jordan
Features Editor	Dan Pawlowski	Accounts Receivable	Lisa Bryson
Graphics Editor	Danny Wilson	Archives	Susan Russell
Production Manager	Colin Bowright	Personnel Director	Kenya Shaw
Staff Psychologist	Guy Phipps	Marketing Manager	Ingie Jenkins

General Manager Tim Ellington
Operations Manager Stan North Martin

Opinions expressed in the columns, cartoons and letters that appear on Technician's pages are the views of the individual writers and cartoonists. The assigned editorials that appear on the left side of the editorial page are the opinion of the paper and are the responsibility of the Editor in Chief. Technician (USPS 485-050) is the official student-run newspaper of N.C. State University and is published every Monday, Wednesday and Friday throughout the academic year from August through May except during holidays and examination periods. Mailing address is Box 8608, Raleigh, NC 27695-8608. Subscription cost is \$40 per year. Printed by Winston Press, Melrose, NC. POSTMASTER: Send any address changes to Technician, Box 8608, Raleigh, NC 27695-8608.

Moving: the joy of free beer

It is a universal truth, accurately displayed at every developmental level of life in the world: moving is a bitch. No matter how many times you do it, the next time is always worse than the last. I invariably find myself counting scabs on my shins on the evening after any moving day. Today I have two minor ones at best, but I grieve that dresser as a septic tongue-lashing nonetheless. And I wasn't even the one being uprooted that comes in a couple of weeks, and already my shins are planning my death). No, I was living the dream of a different moving experience: helping someone else move. Damn. I just found number three. Having already stated that moving is not my favorite torture, the reader may wonder why I would even want to involve myself in it if I didn't have to. The explanation is simple. I am male, and I was offered free food and beer. (For those of you already out to get me, yes, that was an unfair stereotype of male behavior: Buy me pizza and a six-pack and I'll take it back.) So I was duped, suckered into packing, hauling, and unpacking not one, but two loads of someone else's stuff. But hey, free food man. Now, I could start to ramble about how much it makes my back hurt, and how my left arm got sunburned from sticking it out the truck window, and how hard it is to type with the granddaddy of all splinters slowly working its way to my heart via the third finger on my right hand, but that

Cam Abrams

would only belabor the unpleasant point I've already made. What I really need to do is focus on the positive aspects of moving another person. So, I have compiled a list, because some of us need to be reminded that, doggone it, lending a hand can be a good thing. Helping someone else move is good because (1) sometimes you get free stuff, like beer and food. Or a new piece of furniture, or some underwear, or a nice worn out air freshener. But remember, don't expect nice things unless they're offered. And you know that to get some schmoe to help you move means offering him nice things. OK, point made. (2) You help someone move, that person owes you. This is true even if they give you nice things, because no matter how nice a thing is, it usually won't stop you're shins from bleeding. So you may be the schmoe now, but when you move, you get the right to demand help from the schmoe you're helping.

(3) You get to compete with other helpers. Anyone who moves knows that the more suckers you get, the quicker the move goes, and the fewer pieces of heavy

furniture you have to carry down two flights of stairs. When in a situation with other helpers, you basically have a license to show off. The impressiveness of any one of your impressive capabilities goes up dramatically with the number of people there are to impress, so go ahead! Carry two hundred pounds of coat hangers and paper clips under one arm and an aquarium under the other! Happily spout off the principles of leverage as you inch that entertainment center up that seventy-degree incline toward the truck! Wheels? Wheels are for sissies! (Obviously, this point depends again on an unfair male stereotype, i.e., men are competitive show-offs, but more often than not, we tend to go beyond the call of duty when free beer is involved.) (4) You get to learn dirty secrets about the one who is moving. Like, why is there a cap from a bottle of Mad Dog alongside three stale Cheetos and a pair of handcuffs lying merrily on the floor after you move that sofa from on top of them? Blackmail is not out of the question here, especially if you find really bad stuff, like cowboy spurs and dental instruments. Just make sure you look under your sofa before you call them to help you move. And they will help you. They owe you. And finally, (5). If you do a good job, keep the damages to a minimum, and don't complain too much about the smell, they may just say, "Thank you."

Features

August 8, 1993

Page 6

Connery and Eastwood are back

■ Legeros casts a doubting look towards "Rising Sun," but likes being "In the Line of Fire."

By MICHAEL J. LEGEROS
STAFF WRITER

"Rising Sun" is the second film based on a novel by Michael Crichton to be released this summer. The first was "Jurassic Park." And, like it's prehistoric predecessor, "Sun" dilutes Crichton's source novel to an uncomfortable degree.



"Jurassic Park." Steven Spielberg took the novel's most exciting element — living, breathing, stomping dinosaurs — and ran with it. They left behind an entire subtext on genetic tampering, but that omission didn't close the "Park."

Instead, it turned a King Kong-sized parable into an empty-headed roller coaster. In "Rising Sun," director Philip Kaufman and Company have neatly excised Crichton's extensive — and questionable — essays on Japanese business practices, which are arguably the most exciting part of the novel.

What's left behind is little more than a bare-bones thriller without the thrills.

The plot revolves around the opening of a Japanese office tower. The death of a Caucasian woman teams the LAPD's liaison officer (Wesley Snipes) with the department's authority on Japanese culture (Sean Connery).

Together, they attempt to solve what soon becomes a complicated murder.

Make no mistake, "Rising Sun" is far from the standard buddy-cop offerings. The characters are real, the action is short, and the language far from foul.

Anyone expecting "Lethal Weapon IV" will be snoring by the second reel. But

characters do!

The absence of noticeable speed also gives those onscreen ample room to breathe.

Connery does fine with this space, adding nuance upon nuance to his complex character. But Snipes, whose character is never fully fleshed-out, isn't so lucky.

It's no fun to watch an actor as good as Snipes trying to add subtle shades to something that isn't there.

Still, it's the cast — Snipes included — that makes this long-sit worth watching. Cary-Hiroyuki Tagawa is captivating as Eddle, the prime suspect. And watch for "Wayne's World" babe Tia Carrere in a prominent role.

To his credit, director Kaufman gives his film a sleek, opulent look.

At night, the rain-soaked streets recall anything by Ridley Scott ("Blade Runner"). But, by day, things look substantially less impressive.

As does this entire film. Grade: C+

Still looking for a decent summer movie? "In the Line of Fire" is arguably the best of the bunch — a taut thriller starring Clint Eastwood as tortured Secret Service agent Frank Horrigan.

Horrigan is haunted by the ghosts of Nov. 22, 1963, the day he failed to save President John F. Kennedy. He was J.F.K.'s favorite agent and remembers the day too well.

When a new threat crops up — would-be assassin Mitch Leary (John Malkovich) — Horrigan wants a piece of the action, even if his colleagues think he's too old.

Sound familiar? Eastwood's police persona hasn't changed



PHOTOS COURTESY OF CASTLE ROCK ENTERTAINMENT(2)
In "In the Line of Fire" Rene Russo and Clint Eastwood are Secret Service agents protecting the President from the evil plot hatched by the evil, ruthless and cunning would-be assassin Mitch Leary, aka "Booth," played by John Malkovich.

much since the days of "Dirty Harry." He still swaggers and swears, his heavy-handed personality rarely flinching in the face of subtlety.

But, lately, he's added shading to his stereotype. And "Line of Fire" lets Eastwood poke gentle fun at his rigid screen image.

Malkovich is perfectly cast as Horrigan's sparring partner. The spooky actor performs his showy role with uncommon restraint.

"Line of Fire's" third wheel, Rene Russo from "Lethal Weapon 3," does a nice turn as fellow agent and love interest Lilly Raines.

The only stray bullets to speak of are a couple cop-conventions. Do we really need another token romance or dead partner to avenge?

As tiresome as they are, scribe Jeff Maguire balances these cliches with real characterizations and authentic Secret Service protocol.

Director Wolfgang Petersen ("Das Boot," "Shattered") brings it all together with authentic locales, comfortable pacing, and a few lazy nods to Hitchcock.

There's no summer roller-coaster here, just a solid piece of filmmaking that delivers the goods on all counts. Grade: A-

COST CUTTERS
FAMILY HAIR CARE
\$7.95 Precision Cut with this coupon. • Body Waves • Color
No appointment necessary
Avent Ferry Shopping Center • Avent Ferry & Gorman St.
Salon Hours: Mon.-Fri., 10-8; Sat., 9-6 233-0058
Clip & Save

Bowl 2 Games and Get 2 Free
(Limit One Coupon Per Person)
Try Our Daily Luncheon Special

Men's / Ladies' Leagues
Mixed Leagues
Youth Leagues
Faculty & Staff League

Moonlight Bowling:
Cash Prizes
Friday & Saturday
11:30 pm

WESTERN LANES 2512 Hillsborough St. 832-3533

VILLAGE INN PIZZA PARLOR
All-You-Can-Eat
\$3.89 DINNER BUFFET

Includes pizza, spaghetti, lasagna, soup, salad bar, garlic bread, and one cone of ice cream
GOOD FOR 1-4 PEOPLE ANYDAY!
3993 WESTERN BLVD. Expires 8-3-93 851-6994

packBackers
STUDENT BOOKSTORE

packBackers
STUDENT BOOKSTORE

packBackers
STUDENT BOOKSTORE

packBackers
STUDENT BOOKSTORE

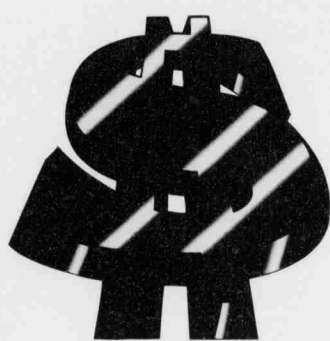
packBackers
STUDENT BOOKSTORE

packBackers
STUDENT BOOKSTORE

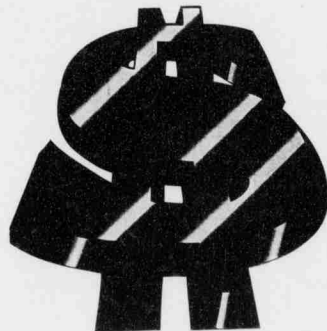
packBackers
STUDENT BOOKSTORE

packBackers
STUDENT BOOKSTORE

packBackers
STUDENT BOOKSTORE



Sell
Books
for
Cash



We Buy Textbooks Daily!
ELECTRIC CO. MALL (2ND FLOOR) DIRECTLY
ACROSS FROM D.H. HILL LIBRARY

832-9900

"Your Used Textbook Headquarters"

Hardbound or Paper

We Buy All Books Having National Resale Value

packBackers
STUDENT BOOKSTORE

packBackers
STUDENT BOOKSTORE

