

Technician

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Bell Tower Briefs



Paradise in Raleigh?

Most people don't know it, but Raleigh is home to paradise. The Paradise Garden, that is.

N.C. State's Arboretum has opened its newest display garden, the Paradise Garden.

Inspired by the Moorish water gardens of Spain and North Africa, the new garden features exotic plants such as flowering pomegranates, oleanders and pineapple lilies growing in raised beds around a tile-floored bamboo pergola.

A fountain splashes in a small pool beneath the pergola's dome, hidden from outside view by a screen of evergreen shrubs and a contorted hazel tree that shades a small entry plaza.

In addition to the Paradise Garden, the NCSU Arboretum has world-famous perennial borders, a white garden, a rose garden, shrub borders and a Japanese-style Zen garden.

More than 100,000 people visit the facility each year.

The arboretum is located at 4301 Beryl Road, near the N.C. State Fairgrounds in Raleigh, and is open to the public.

Courtesy of NCSU News Services.

'Bee Karma' is gonna get you

Have wild honeybees made a home on the siding, attic or roof of your apartment, fraternity/sorority house or dormitory? Here's a tip: don't try to exterminate or remove the bees yourself. Call a professional.

Not only will you be preserving a rare wild colony from extinction, you will also prevent an unforeseen disaster in the form of "bee karma," says John Ambrose, an entomologist at N.C. State.

"If you kill a honeybee colony and neglect to remove the contents, you may end up with an expensive problem," Ambrose said.

"Without the bees moving their wings to keep the hive cool, the wax in the honeycombs will melt, releasing as much as 40 pounds of honey between the dry walls of your house. This will seep through the walls and stain them."

Courtesy of Department of Agricultural Communications.

Endowment supports swine education

An endowment to support undergraduate scholarships, graduate fellowships and research in swine production and science at N.C. State has been established in honor of the late Hans-Dieter Alhusen, who was a leader in the U.S. swine industry.

The Hans-Dieter Alhusen Education Endowment, now totaling more than \$450,000, has been funded by contributions from swine and allied industries, and friends of Alhusen.

The endowment, which is being administered by the N.C. Veterinary Medical Foundation Inc., supports undergraduate scholarships, graduate fellowships, swine research, graduate student travel and a visiting distinguished lectureship.

The first undergraduate scholarship was awarded in the fall of 1995.

Courtesy of NCSU News Services.

English majors all alone in job search

Some students say the placement center doesn't do enough to help English majors.

By REBECCA HOLLIS
SPECIAL TO TECHNICIAN

Rows of clipboards line the front desk of the N.C. State Career Planning and Placement Center each year from fall to spring. Categorized by major, these lists of on-campus interviews allow students to meet company representatives and apply for full-time jobs or internships.

But some NCSU English majors say they can only walk past these rows in disappointment. Instead of finding plenty of employment opportunities, they say they find no sign-up sheets for their discipline

and no help from the center.

Out of an informal survey of 13 NCSU seniors who are preparing for careers in English-related fields, every person who had used the career center's resources said they found them to be inadequate. The same number of electrical engineers who had visited the center had only positive remarks.

The consistent responses underline English students' resentment of what they say they believe is the placement center's lack of emphasis on the writing disciplines.

"I received no useful help at all," says writing and editing major Priscilla Speed, a graduating senior. "I got some lame advice about networking and how I should target the company."

However, that advice is sound because networking is critical, said

Carol Schrader, associate director of the career center.

"The nature of writing professions is different," Schrader said. "You find them."

Schrader emphasizes networking skills and active searching at companies that may not be advertising a position. She said many companies do not consider English majors when seeking candidates, but can be convinced of their benefit to the company if English students apply anyway.

But plenty of companies advertise writing jobs on the Internet. One site sponsored by the Society for Technical Writers recently contained hundreds of positions, many of them located in the Research Triangle.

Self-employed technical writer Chuck Arnold, of Raleigh, said there are plenty of entry-level

documentation positions available through web sites, business pages and word-of-mouth. The variety of jobs can involve telecommunications, food safety, sanitation, the environment or university research. However, Arnold agrees that calling companies that have not advertised often leads to positions as well.

Technical writing jobs are certainly not the only option for English majors. Alumni have found a variety of jobs in English fields, demonstrating the demand for writing skills, analytical abilities and research skills.

NCSU English alumni include an assistant editor for Newsday, an author of six novels, a regional correspondent for the Associated Press, and a Public Health Investigator for the NC Department of Environmental Health and

Natural Resources.

Students can also look within the English department for career placement. Judi Gatens provides English students with information on internships and other positions, as well as helping the students design effective resumes, and cover letters. Gatens uses copies of flyers that the career center sends her.

However, she says the English department is gathering information from students who have held internships to better define the role of English majors not only for the career center, but for the rest of campus. The problem is that the industry, as well as the career center, seems to be more comfortable with experience that can be quantified and with positions

See CENTER, Page 5

Life's a bench



Student Samantha Twist skips the desk and breaks for homework on one of the Brickyard's many benches during a hot summer day.

Bee a friend to honey bees

Think twice before you smack that wild honey bee into oblivion.

NEWS STAFF REPORT

As the full bloom of summer approaches, fruit and vegetable lovers eagerly await the abundance of fresh crops entering the markets.

But, as we indulge in the simple pleasures of our summer bounty, we must keep in mind that the millions of tiny migrant farm workers who helped bring you this harvest are dying at frightening rates.

They may, indeed, vanish from our countryside forever, taking our reasonably-priced fruits and vegetables with them.

"North Carolina has lost nearly 90 percent of its wild honey bee population over the past few years," said John Ambrose, a professor of entomology at N.C. State. "We've lost up to 30 percent of the population in our managed colonies as well."

"Two parasites — the tracheal mite and the Varroa mite — are responsible for most of this loss," Ambrose said, obliterating the honey bee population now will only

hurt in the future.

"Without honey bees, we'll not only lose the most obvious source of honey and beeswax, we will also lose one of the most effective pollinators of our orchards and crop fields," he said. "Without insect pollination, many of our plants and fruit trees will not produce fruit; they must be hand-pollinated, and in most cases, that's simply not economically feasible."

Ambrose says that while honey bees are not the only pollinating insect, they are especially valuable because their colonies are perennial and — in managed situations — are easily moved from one site to another as pollinating needs arise.

"NCSU scientists have identified (tracheal) mite-resistant strains of honey bees and have helped develop a chemical to fight the Varroa mite in managed colonies. However, the battle is far from won."

"Even if we stop the mortality right now," Ambrose said, "it may take years for our managed colonies to make up for the loss of our feral bees. In the meantime, our farmers may suffer losses from reduced yields, and consumers will have to pay more for their produce."

New symbol will help unify university

Administrators are trying to create a universal logotype for N.C. State.

By JASON KING
NEWS EDITOR

N.C. State is going through what could be called an identity crisis, or more specifically, a graphic identity crisis.

After existing for 109 years and branching out in many different directions, the university has developed a somewhat fragmented identity. Instead of using one symbol on all official university material, many different variations of the university's name appear on assorted publications and electronic material.

In an effort to create a unified

image, the Graphic Identity Steering Committee was formed in January to develop a new symbol incorporating the university name (a logotype) that would reflect the different fields and areas the university has branched out.

Joe Sanders, associate vice chancellor for Public Affairs, said there are five or six variations of the name in use right now, and "no one out there can get a fix on what we're trying to call ourselves."

The new graphic identity would present the public with a symbol that would be consistently used in representing the university.

According to Meredith Davis, head of the Graphic Design Department, different programs and departments within the university have a stronger identity that is separate from the university as a

whole.

While this may seem trivial, some university administrators take the problem seriously.

The varied identities present a fragmented image of the university, Sanders said.

"We're really not projecting a consistent representation of the university," Sanders said.

The effort to create a new identity began about two years ago. Davis said, when a group concerned with creating a more unified identity approached Chancellor Larry Monthie and received a positive reaction.

Sanders said that after initial studies indicated that "outside groups didn't like most of what [the university] is doing now," designers began developing prototypes of the identity.

Joyce Baker, director of university publications, said a lot of departments were using the university seal on their official documents.

"The seal does not work very well as a graphic identity," he said. "It's not a particularly good symbol for our university."

Sanders said the seal has a couple of problems associated with it.

"Almost every college in the nation has a seal and almost every one is round," he said. "The shape is so common that people don't associate it with NCSU because it's so used."

He also said it is complicated to run the seal under a certain size because it looks too crowded.

Sanders said, "the seal is great for signifying things that are official," such as diplomas, certificates and

communication from the chancellor's office, but doesn't work as a universal university symbol.

Baker said the seal still will be used, but only for formal occasions.

"We don't want to lose it entirely," he said.

"It was drawn for a different medium in a different time," Davis added.

Sanders said the committee played with two or three prototypes of the logotype and have almost settled on one design.

Davis said the committee has presented the logotype to different focus groups consisting of administrators and faculty, incoming students and their parents, and outside sources and have

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Inside Wednesday

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What kind of shape is that reactor in?

Old nuclear reactors pose a safety threat, but one N.C. State professor is working to keep disasters from happening.

NEWS STAFF REPORT

Nuclear power plants over the world are aging, and with age comes deterioration.

Current and planned nuclear power plant aging management practices are designed to identify and address this deterioration before it becomes a threat to plant safety. However, many of the practices are elaborate and expensive.

K. Linga Murty, a professor of nuclear engineering at N.C. State, is working to develop a method that quickly and efficiently assesses the condition and life expectancy of various metallic components in the power plant.

With a three-year, \$370,000 grant from the Department of Energy, administered

by the Massachusetts Institute of Technology for the Idaho National Engineering Laboratory (INEL), Murty will adapt a recently developed microprobe to test nuclear power plant components.

The stress-strain microprobe, a product of Advanced Technology Corp. of Oak Ridge, Tenn., can be used to determine the degree of damage that has occurred without causing harm to the structure.

Murty said that while pressure vessels are made of low alloy steels and start with good ductility and toughness, exposure to radiation causes brittleness.

Steel, the material used to make the reactor vessel, becomes more prone to fracture when exposed to radiation. Also, the steel parts are welded together, and the weld zone of the vessel is relatively more sensitive to radiation damage.

"We can build new power plants with materials relatively less sensitive to radiation now that we know what makes

them radiation sensitive, but what that do with the old existing power plants that are built with radiation-sensitive materials?" Murty asked.

Since 1981 Murty has focused on characterizing embrittlement of these materials, but now he will extend the research by determining the site (in the original location) the changes in the material properties of various components.

Conventional methods of testing cannot be administered while the facility is in service, and often the laboratory results are of limited usefulness.

Additionally, these tests require removing chunks of material from the various reactor components, which is not practical, and also can leave weak points in the structure.

"We need a technology where we don't require much material at all," Murty said. "That's what excites me about this — the

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X-tra

Technician

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Find out for sure that you're not HIV positive



World AIDS Day. If people all over the world are worried about it enough to make it into a day, why haven't you been tested for HIV yet?

■ The HIV test could be the single most important test of your life.

By ELIZABETH BOOKOUT
X-TRA EDITOR

A test that all N.C. State students should take, regardless of their major, is one that is largely overlooked. You can't study for this test. And you can't fail it, either. But if you take it, you automatically increase your self-awareness and your knowledge about a very important topic that affects us all.

This test is the HIV test. The Wake County Department of Health comes to NCSU every Wednesday to administer HIV tests to students. The testing is free, anonymous and confidential.

Lois Carnicorn, a public health investigator for the Wake County Department of Health, administers this all-important test.

"We started this as a pilot program in October, and we had such a good turnout we just continued," Carnicorn said. "We're going to try to keep it going; this is an experimental thing. We're doing the first and second sessions this summer. So far we've had a good turnout."

You can make an appointment by

calling the Student Health Center. The operator will tell you the available appointment times, and instead of taking your name to hold the appointment, the operator writes down your sex.

The operator will give you a teletip number and instruct you to call the NCSU Teletip Line, which will provide you with specific instructions on where to go for your appointment. The teletip also discusses how the HIV virus is spread and the ways you can avoid contracting it.

"People can be infected with the HIV virus five to 10 years before they show symptoms," she said. "They may feel fine, and they may look fine. They see that their partners look OK and feel OK, and they assume that their partners are OK. But if somebody's been tested, they are going to know for sure if they are infected or not."

When you get tested, you will be asked a few questions before any blood is actually drawn. The

questions you are asked basically determine your level of risk for statistical purposes.

Are you at risk?

If you are a virgin who has never used intravenous drugs, then you probably aren't at risk. If you have ever had unprotected sex (oral, vaginal and/or anal) or shared needles for IV drugs, you need to get tested. Latex condoms used properly from start to finish each time you have sexual intercourse are the best protection against sexually transmitted diseases. If you never have anal, oral or vaginal intercourse and you never share needles, you have almost no risk of HIV infection.

you that if there is a question you don't feel comfortable answering, you don't have to answer it. And she is more than happy to answer any questions you may have about sexually transmitted diseases.

The tester will then ask you if you'd like your test to be confidential or anonymous. If you decide to test anonymously, there are no records or names involved. If you decide you want your test to be confidential, you sign a form and there is a record kept at the Wake County Health Department.

"But no one can get those records unless you sign for someone to get

them," she said. Either way, your specimen is never labeled with your name.

"All the tests, no matter how you test, anonymously, or confidentially, are coded by numbers," Carnicorn said. "The numbers identify you, no names are associated with the specimen and lab report. Everything is matched up by numbers."

Carnicorn recommends getting tested six months after your first test, and to eliminate risky sexual behavior to ensure that you are and remain free of HIV.

Don't plan on leaving empty-handed; the Wake County Department of Health offers parting gifts. They'll give you a few brochures on STD prevention and two free condoms.

Two weeks later you'll find out your test results, and to get your results, you must display your appointment card with your identification number on it.

"It's so important for people to use condoms — you can't assume that everybody is OK," Carnicorn said. "You've got to be the one that protects yourself, be in control of the situation, be aware."

You can't afford to think that you

See HIV, Page 5

Get away the easy way: Pullen Park

■ Stuck in a rut? Take time out to explore Pullen Park.

By JOSH JORDAN
STAFF WRITER

It's a warm and sunny day. Wouldn't it feel nice to get outside and enjoy nature, where you don't have to think about how long it is until finals?

Fortunately, there is one little island of vegetation among the bricks of N.C. State, and that is Pullen Park.

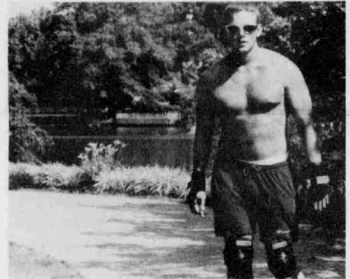
No, not Pullen Hall — Pullen Park — where there aren't any financial aid workers to harass you. Pullen Park, in case you don't

know, is off Pullen Road near East Campus. If you are driving, you can get there via Ashe Avenue, which is right off Hillsborough Street near the International House of Pancakes.

Pullen Park has been around since 1887. The only reminder of this era is the park's carousel. This wonderful throwback to the past is no cheap imitation, folks — it's the real McCoy.

"The carousel was originally built in the early 1900s at Bloomsbury Park, which was open during the early part of this century," said Susan Taylor, assistant park

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Roller-blading is one of the many ways you can pass time at Pullen Park.

FLORA SHABAN/STAFF

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Sports

Technician

June 12, 1996

It's a bird, it's a plane ... it's frisbee golf

■ No, it's not an Olympic sport yet, but disc golf is quickly becoming the participation sport of the '90s.

By CHRIS RHODES
STAFF WRITER

In today's age of overpaid, under-producing, ego-maniac professional athletes, there is one sport that guarantees minimal social recognition and idolization: disc golf.

For those of you unfamiliar with the technicalities of the sport, the theory is similar to that of golf, sans the clubs, balls, plush country clubs and plaid pastel knickers.

True to form, the typical course has 18 holes; complete with tee boxes, hazards, and fairways. The major difference is that one attempts to throw the disc into a chain-laden basket cage.

Sounds simple huh? Don't bet your favorite custom design, long

distance driver on it.

The typical disc golfer's arsenal includes various drivers and approach discs which can be designed to fly straight, dog-leg left or veer right. In addition, there is a wide array of putters available.

All of the disc options may ignite a spark within those of you with the groupie urge building inside yourselves. Unfortunately, caddies seem to be a rarity on local courses.

Why is this sport growing in popularity? The concept is simple. Disc golf is a great way to spend some quality time away from the couch and out in the quasi-nature. All while playing a sport that anyone can enjoy but requires distinct individual skill to master.

Another big plus to disc golf is that it is relatively inexpensive. There are no green fees, no cart fees (mainly attributed to the fact that there are no carts), and a disc will run you around eight bucks.

"The fact that the course is close by and you only need to borrow or

buy one disc to get started really adds to the sports appeal," Tommy Snow, recreational disc golfer and State alumnus, said.

You will also find that injuries such as reconstructive arthroscopic surgery and broken bones are rare occurrences on a disc golf course. However, finger blisters, poison ivy, and the occasional disc-to-(insert body part here) collision is not unheard of.

At this point you are probably asking yourself, is this sport for real? Well actually it is very much for real, in fact it is approved, sanctioned, and certified.

Local tournaments are regularly organized and there is a larger scale tour which plays at various sites across the state.

If you now feel inspired to zoom out to your local disc golf course and find a few, there are couple things of which to be aware. The two local courses are located in Kentwood Park on Kaplan Drive and Cedar Hills Park located off Six

Forks. Also keep in mind that the typical golf etiquette rules are still practiced, but in a laid-back manner.

Is disc golf the next sport that will sweep across America, spanning all generations and cultures? This remains to be seen.

"The lack of public exposure may limit the popularity and growth of the sport," Snow said.

Regardless of whether disc golf becomes the next craze in our competitively obsessed society, it provides an excellent opportunity to bond with nature, poison ivy, trees, etc... for the Thoreau trapped in all of us, while trying something new and different.

So the next time you have a break between your job of choice and 20-page papers, go ahead and throw 18 holes, you just might like it. Then again, you may hate it, but take comfort in the fact that the disc golf world will probably go on without you.



HEK TERADA/STAFF
An avid frisbee golfer drains the "putt," at Kaplan Drive. The growing sport has taken hold of the Triangle area like flames through downtown Chicago in 1871. A cheap alternative to garden-variety golf, frisbee action appeals to the college set.

Please Stay, Ray



After being contacted by the University of South Carolina, head baseball coach Ray Tanner has had a lot to think about. Tanner, a 1980 State graduate, has amassed a 395-173 career record in nine seasons with the Wolfpack. He has guided the team to seven appearances in the NCAA Regionals. Three years ago, Tanner turned down the University of Miami. As the leader of arguably N.C. State's finest athletic program, Technician Sports politely pleads with Coach Tanner to stay.

TECHNICIAN FILE PHOTO

The draft could be cruel to State

SPORTS STAFF REPORT

It was a busy week for the N.C. State baseball program. On Thursday, Wolfpack pitcher Corey Lee, a junior from Clayton, was drafted in the first round of the Major League Baseball Amateur Draft.

But as the weekend approached, the news was anything but good as the University of South Carolina had reportedly expressed interest in Coach Ray Tanner as a prospective coach of the Gamecocks next season.

Draft Summary

The Wolfpack baseball program must be doing something right because two State players were drafted along with new recruits, with Lee leading the way.

Lee was picked up by the Texas Rangers as the 32nd pick overall in the draft that was supplemental to the first round. In essence, that made Lee a first-round pick. The Rangers had the pick after the New York Yankees signed Kenny Rogers as a free agent last winter.

As of Monday, Lee had not signed with the Rangers, but it's probably just a matter of time.

Also drafted by the Rangers was first baseman Chris Combs, who was taken in the 14th round, but it looks as if Combs will be back in Raleigh for his senior season. Last summer Combs did leave Wake County for Yorkmouth-Dennis in the

Cape Cod League, which many consider the top collegiate summer league in the country.

No other current State players were drafted.

Of the Pack recruits taken, the highest was Cary High School pitcher Paul Wilder, the first-ever pick of the Tampa Bay Devil Rays. Wilder was taken in the first round and is expected to sign right away.

Catcher/pitcher Mark Osborne of Lee County was taken in the third round by the Arizona Diamondbacks. Of all the Pack recruits, many consider him to be the one who would benefit State immediately. He has a 3.95 G.P.A. and his father played college ball. The Diamondbacks have shown an interest in investing in player development, so Osborne's situation may be down-to-the-wire.

Garner pitcher Paul Stewart was taken in the sixth round by the Milwaukee Brewers, but the Stewart family is reportedly asking for a lofty signing bonus, so he will probably be heading to State.

Left-handed pitcher Justin Willoughby was taken by the Atlanta Braves in the 24th round, but he too seems headed to school.

The Tanner situation

Although Coach Tanner has been in the Wolfpack family for 20 years, he is reportedly very torn over the situation involving State

See DRAFT, Page 5 ▶

Soccer, rats and dancing, Dave covers the bases

■ Got a question? Here's a couple to chew over after your fluid mechanics final.

Questions, questions, questions, the summer sports scene is, quite frankly folks, baffling. That's why this week for your reading pleasure, I give you RAQs. That's randomly asked questions.

•What happened to the Panthers?

The rodent-tossing Floridians just couldn't weasel their way into the lap of Lord Stanley's Cup. Damn shame too, it's not everyday you see an expansion team, three-years removed, flip the establishment the collective bird, er, rat.

Forget hockey, only Canadians can fully comprehend the concept of neutral-zone traps and two-line passes anyway. Let's move to its sister sport, football.

•Can the US National team beat Bolivia in the Americas Cup?

Why, yes they can. Look for a big game from former N.C. State star Tab Ramos and hard-core inside action from fellow Wolfpack

Dave's Raves David Lund

alumnus Roy Lassiter.

U.S. experience in recent years in international play has begun to show.

•Is that the tango or the cha-cha?

Hey Lola, break out the purple ribbons, ballroom dancing an Olympic sport. Before I get to that, let's take a quick saunter through the pantheon of great Olympic moments.

Jesse Owens winning four gold medals in Marge Schott's favorite Fascists backyard in 1936, the Miracle on Ice at Lake Placid in 1980 and Mary Lou Retton in O.J. -ville in the last Games on American soil 1984.

Back to the future. The International Olympic Committee is trying to tell me that a do-se-do here, a dip there is going to put you in the same breath as Jesse Owens?

They could have at least made it an Olympic sport back in the days of Fred and Ginger. Now that was poetry in motion.

What about beach volleyball? Surely this is the end of the sacred games. Zeus is gonna shoot lightning bolts up all of our asses for this. Hey Karch, pass me a Bud Light and the Ban de Soleil!

On the other hand, we do have our swimming buddy David Fox. He's from State. Let's get the games back to their roots, running, fighting (hey, the gladiators rocked!), racing, throwing discs*, etc. That's what the games are all about.

OK, maybe they should keep basketball so we can kick the globe's ass in something.

•What about the other Panthers?

I mean the Carolina ones... are the playoffs in the not-so-distant future?

I know it's early yet, but they've got two future stars first-round pick Tshmianga Biakabatu of Michigan fame and our guy Kerry Collins.

•What about other cats?

Talkin' Tigers. Detroit that is. They suck this year and so does baseball, for that matter. Since when have the average scores been in the teens for each team? Was there a sale on runs and I missed it? Teams are scoring 20-plus runs a game about as often as somebody gets shot in a Quentin Tarantino movie.

The Braves lost in a 13-12 match against the Coors Mile Highs. I thought the Braves were supposed to be a pitchers team if anyone was?

At least there's still John Smoltz. •Is it really so great that the US Open is gonna be on a major network for four straight days?

Doesn't anybody who cares about the first 72 holes have ESPN?

Speaking of ESPN (and back to Soccer), why should I have to pay for the Deuce if I want to catch the Major League Soccer and the US Cup games. And why doesn't anyone pick up the European Championships? The most popular game in the world and I can't even catch more than a few games a year.

And finally, •Will the Chicago Bulls be

together the next time around?

Is coach Phil Jackson leaving? Will Michael Jordan take the money and run? Is Dennis Rodman off to greener pastures? By the way, Rodman is the Man!

He's made basketball interesting to watch. Who would have thought that I could watch basketball in hope of getting a good laugh, not just to see some good competition.

Anyway, I hope they all leave. Surely they can't top this season, and if they could, would we like it? They dominate already. The apocalypse is upon us-for sure, by this time next year we'll all have to fork over a chunk of change equivalent to the national debt of some minuscule Ukraine province to buy new jerseys.

David Lund is the music director at the State radio station WKNC. His Nightwave Show on Wednesday nights from 5 to 9 p.m. has been Arbitron rated No. 1 for 12 straight weeks. OK, maybe it was 11. If you believe that, there's a piece of real estate in Bosnia you might be interested in.

Wolfpack Notes

SPORTS STAFF REPORT

Assistant Swimming Coach Resigns

Colleen Langan has resigned from her position as assistant swimming coach at N.C. State to pursue personal interests, according to Wolfpack head swimming coach Scott Hammond. Langan, a native of Bethesda, Md., served on Hammond's staff for one year beginning last fall.

Langan swam collegiately for Hammond at Ohio University from 1987-91, concentrating on the distance freestyle events. Upon graduation from Ohio, she served as a graduate assistant coach at Shippensburg State University from 1991-93, and then was an assistant swimming and water polo coach at Fenwick High School in Oak Park, Ill. She joined Hammond's staff at N.C. State last fall.

Editor's note: If you have any news pertaining to N.C. State athletes, past or present, let us know. Call us at 515-2411 or fax information to Wolfpack Notes at 515-5133.

Technician Sports: the best source for Wolfpack athletics

Opinion

June 12, 1996

Technician

Finding books made easier

■ The libraries will be able to spend their share of the tuition increase thanks to the Board of Trustees' approval.

D.H. Hill Library finally knows how it will spend its half of the \$400 full tuition increase. The Board of Trustees voted to implement several new programs designed to improve the library and its branches' service to students. Technician was and continues to oppose tuition hikes, but if the students are going to be stuck with it, the money might as well go where it will benefit students the most. Funneling half of the increase to the N.C. State Libraries is as good a place as any to spend it.

As a research oriented institution, the libraries need to be up-to-date to offer the resources needed by N.C. State's population to make them the best in their fields. In the past, updating the library collection has been made close to impossible by inflation and budget cuts.

The libraries plan to improve information access by letting students request materials from other Research Triangle libraries via computer and to send requests by fax.

If students can't find what they want at NCSU, D.H. Hill is offering a perfect chance to allow them to find it elsewhere. Books can already be requested and catalogs can be browsed at the Duke and UNC-

Chapel Hill libraries on-line. Now students will be able to check out books from companies and the public libraries — all available at the touch of a button.

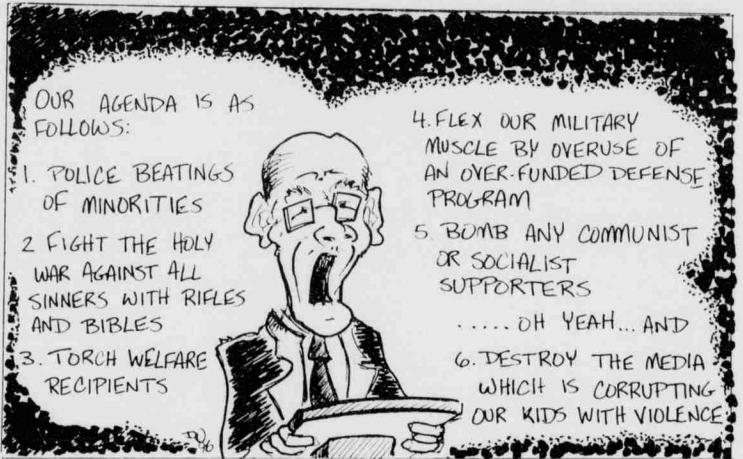
NCSU Library Information System will be expanded, allowing students to download entire texts. This will come in handy for those who have computers compatible with the system. Checking out books, maybe even touching books, would become a thing of the past. Just download what you need and keep it on a disk.

Since the 24-hour program was a great success this past spring, D.H. Hill plans to continue the program and extend the four branch libraries' hours. Students in specialized fields such as design, natural resources, textiles and veterinary medicine will have an easier time finding books D.H. Hill doesn't carry.

Students will be able to research or study whenever they feel like it at D.H. Hill without worrying about making sure they make it before it closes.

Being open all-hours makes it easy for thieves masquerading as students to freely wander the library, swiping bookbags. So the library will bring in Public Safety officers to better protect library patrons and their belongings.

The Board of Trustees actually did something good for students when they approved the libraries programs. They will help the libraries better serve NCSU and let students be able to do what they need to do at the libraries — find information.



Commentary

Summer job is great learning experience

Chris Baysden



It's nearly the middle of June and N.C. State is a good three weeks into the first summer session. Several thousand students have enrolled for various reasons. Some are trying to catch up, others are getting ahead. And a few are trying to finish up their last requirements so they can finally, thankfully escape from the beloved fountain of knowledge (also known as the gully washer of financial ruin — particularly with the new tuition increase taking effect, but that's another column).

People come to college for many reasons, but the primary one is the vague notion that they're going to get an "education." Obviously, most of the people enrolled in summer school take this notion seriously. They are trying their best to get their degree. With all the slack people who hang around this university for six, seven or more years, it's refreshing to see dedicated souls working hard in the pursuit of knowledge. But, while I admire the spirit of these students, I'm afraid most of them are wasting their time.

If you really want to get an education, you should take advantage of all your opportunities. And this time of year, your best opportunity isn't school — it's a summer job. I don't mean one of those high-paying internships or cushy employment opportunities at your Uncle

Moe's grocery store and video outlet. I'm talking about the model summer job: a low-paying position at the absolute, rock bottom of the employment ladder, where you have to do plenty of manual labor performing tasks which formerly were reserved for indentured servants. Will this job be fun? In a lot of ways, no. Such as you get rich doing it? Certainly not. Will people respect you for the position you hold? I don't think so.

And that's the point. For the past two years, I spent my summer working as a delivery boy for the school system in my home county. I toiled books here, computers there and usually drove several hundred miles a day. My partner in all this was a county employee. I kid you not, who answered to the name of "Bull." Every day Bull and I would load up the delivery truck and ride off into the sunrise with the radio blaring and the air conditioning blasting. These were our sole comforts. We'd head to some distant school where we'd have to load and unload all sorts of heavy stuff in the hot sun, all the while dodging some irate secretary or librarian who hadn't seen a drop of sweat on their brow since the last time they went to the beach. It was a pretty much thankless job that no one else cared to do.

All the people in our department (Audio Visual) and in maintenance (our sister department) had thankless jobs. Most of

the time people didn't care when we did them, they only said something when we didn't. Down the hall, the "suits" ran around making at least twice as much money and doing half the work. And I know I didn't have the worst job. Some of the summer help in maintenance had to do a lot worse. Not to mention the fact that some of those jobs are down right dangerous. That stuff that you put on gym floors will kill you faster than most of the gases used in the trench warfare of the first world war.

But working in that job taught me a lot, and I wouldn't trade that experience for anything. If you really want to learn how a system works, you have to do the grunt work. I could tell you more about what really goes on in a school system than plenty of the people who work there for a living. You see, there's the way things are supposed to work, which is what they teach you in college, and then there's the way things really do work. And you can't learn that in a classroom. You have to do "field work" to find those things out.

There's another thing that's great about summer jobs too — they teach humility. How many of us have wanted to scream at a waitress when she botched our order? Or how many times have we thrown trash down and figured that it was someone else's job to pick it up. Having done some thankless jobs, I am a lot more likely to be empathetic with people who have jobs that I used to consider "below me." Once you've done those jobs, you tend to respect people who do the dirty jobs that keep the world moving. And that's something I never learned in a classroom.

Center's job over-estimated

■ Career Planning and Placement can help you find a job, not do it for you.

N.C. State has one of the nation's foremost engineering schools. For that reason, employers tend to seek out engineering graduates long before they receive a diploma. The Career Planning and Placement Center realizes this and makes every effort to connect students with recruiters for both their benefits.

Unfortunately, the career path isn't so cut and dry for humanities majors. There is no major English corporation. Individuals majoring in the humanities and social sciences should have a concrete idea of what they want to do with that degree after graduation. There won't be a long line of recruiters waiting for them.

The center has taken steps to provide additional assistance in this area. It will be receiving a Parent's Fund gift on January 1, 1997. The funds have been earmarked for subscriptions to job services, a new career service computer and more books. One book that will be included is "Great Jobs

for English Majors," which is recommended by the center. This is in addition to already existing services, such as on-line resumes.

However, there is always room for improvement. Career Planning and Placement should add a listing of Internet sites and business pages that provide additional job listings geared to CHASS majors.

Students in these fields are going to have to face the reality that these majors don't have the clear-cut niche in the job market that others do. So called "soft-science" majors have to begin searching for a job almost from the day they enroll at the university. They must select a focus for their career and spend a portion of their time evaluating current job listings. From this they should be able to get a feel for what is out there in the way of employment and choose classes and educational goals appropriately.

The center is here to help all students — in so far as planning for a career and finding an employment opportunity. They are a resource, not a solution. It's unfortunate that some majors are easier to help than others. But, it is ultimately up to each individual student to find a job.

Technician

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Class reputation affects the one at the office

Terry Bennett



A high school education is supposed to provide students with the skills needed to obtain a college degree, but it doesn't. By the time we graduate high school, many of us haven't learned the basics required to successfully meet college course requirements.

Why do you think minimum cumulative GPA's start at 1.5 in the freshman year? A 1.5 is less than a "C." Where else but college would that kind of grade allow you to be promoted to the next level. I have the feeling that university officials are aware that the average high school graduate isn't ready for college.

Just how right officials are became clear to me as I sat in one of my classes this week and listened to my instructor try, without success, to get class members to discuss their topics for a one-page, self-oriented statement we had to write. What no one clicked on to was that the instructor was offering to do their work for them as a teaching aid to others.

What did I do? I jumped on it. Never let it be said that when an instructor says, "Let me help you prepare your paper so I can give you an 'A,'" that I turned down that opportunity. My Mama didn't raise stupid children. I realize many people are uncomfortable

when they become a class discussion's focus, especially when they're unsure of how to precede on an assignment. Let me ask you this:

What has the farthest-reaching consequences on your life?

(A) Admitting you need help on an assignment and possibly looking dumb to someone else.

(B) Volunteering whenever the instructor asks for one, getting parts of assignments done by the person who will be grading them, raising your overall class participation grade, graduating with a better standing in the class so you have better opportunities for employment and more complimentary recommendations from professors and making more money that your friends who didn't volunteer.

Did you have any problem selecting between the two answers? If you did, the Counseling Center is located in Harris Hall.

You may think I have exaggerated what class participation means overall, but I promise you I haven't. When an instructor sits down to average students' grades, there is a certain amount of subjective grading that goes on. There isn't a lot of leeway in your test and paper scores at this point. However, when you're sitting on

the borderline of grade ranges, that subjective part arrives.

One student participated in all the group activities, but they never volunteered for anything else. The score he/she has is reflective of his/her work. The next student also participated in all the group activities. In addition, he/she volunteered regularly and asked a lot of questions. He/she worked hard and deserve the extra two-tenths of a point they need for an "A." Guess who got the "A" and who got the "B."

To some that may seem unfair, but the world works that way. You will face the same situation when you enter the working world. It's called the annual performance evaluation, and instead of grades, they will be talking pay increases. Who do you think will get a 5 percent raise and who will get a 2.5 percent increase, if they get one at all?

As you have heard many times before "no one owes you anything." You will work for everything you get both here at N.C. State and in any area of employment that you seek. It's better to realize that now, so you can form the reputation employers like.

When you leave these hallowed halls, you'll find yourself spending a minimum of eight hours a day, five days a week working. What will you be paid for this effort? It's up to the guy writing the check. Your employer will pay what

Bennett

Continued from Page 4
he/she thinks you're worth. Want to figure out how much that might be?

Get a piece of paper and evaluate your efforts in class. How many hours do you spend seriously studying daily? The recommended minimum you should spend is two hours per credit hour for each course. A three credit course requires six hours of study outside of class time.

How many hours do you spend on reading assignments? You should always be current, if not slightly ahead, in your reading. Are your assignments always prepared properly and turned in on time? Employers are adamant about accuracy and meeting deadlines. If you aren't doing well in a class, do you talk with your instructor outside of class? Employers like people who get clarification before spending time doing something the wrong way, or without understanding what they are doing and why. Do you sit up in your seat and take notes, practicing active listening skills? Employers form bad opinions about employees that flop in their seats and appear half asleep all day.

Evaluate yourself on these criteria for a week. Decide how much you think you are worth as a

student/employee. If you were an employer, how much would you pay someone with the patterns you display in these areas, and how long would you continue paying them?

In the business world, everything breaks down to the cash return on money spent. If I pay you \$1, do I get \$1 back from you? Why should I pay you, when I can get \$2 back from someone else? The reality is that your employer must see the value of your work as more than the salary paid to you for it.

I spent five years in a front line management position. My department had a budget in excess of \$1 million per fiscal year. I had the responsibility of hiring, firing and evaluating the performance of my staff. The questions I listed here were questions I asked myself every time I sat down to do a performance evaluation. I gave and denied raises, and I fired people based on their accuracy, attention to detail, meeting of deadlines, and generally, being worth more than the salary I authorized for them.

However, an equally important part was watching the company's bottom line. It was my responsibility to ensure that company funds weren't wasted, either on materials or people. That was what I was evaluated on, how my salary was justified by my supervisor. I also applied those same questions to myself on daily basis. I still do.

Reactor

Continued from Page 1
possibility of using the technology so we can probe in situ without taking a part from the reactor."

The stress-strain microprobe system is based on the automated ball indentation (ABI) technique, which involves lowering a small spherical indentation device into the reactor and gathering data with no harm to the vessel.

ABI takes no material from the test site and leaves a shallow depression far smaller than the tip of a ball point pen in the vessel wall.

"This is an extremely promising technology for the nondestructive examination of aged and embrittled components," said Phil MacDonald, a senior research scientist at INEL. "It's likely to become used in

commercial industry in the near future if Dr. Murty's program is successful."

Embrittling actually begins as soon as a power plant is started up and remains an on-going process.

When the plants reach their design life, officials must decide whether to shut them down, thermally anneal them, which will restore some of the toughness, or replace the vessels.

Annealing involves heating the reactor vessels to temperatures as high as 850 degrees Fahrenheit for about a week.

"The Department of Energy and utility companies are planning thermal annealing of some power plants," Murty said. "Therefore, we will need to know if we have recovered the key mechanical properties."

Continued from Page 1

HIV

Continued from Page 2
are invincible, that you can't or won't contract the HIV virus, she said.

"And you won't know for sure until you get tested. It's better to know than not to know."

"The sooner someone knows if they are infected, the more we can do to keep them as healthy as possible for as long as possible," she said. "And they will keep from

infecting other people if they know they are HIV positive. People with HIV have a better chance of living longer when treated early. If damage has already started, special treatments may help slow down how fast a person develops AIDS."

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To make an appointment, call 515-7107.

Pullen

Continued from Page 2
manager for the Amusement Section. "It was moved to Pullen Park in April 1921."

The carousel is a real crowd pleaser; its old-timey organ pipe music is a treat for the young and old alike.

Alison Naylor, a rising senior at East Wake High School, spends a lot of time at Pullen Park.

"My favorite thing to do at the park as a kid was to ride the carousel," she said. "I always rode on my favorite animal — a cat with this silver fish in its mouth."

You can also take a trip around the park on the miniature railroad.

You've heard its whistle on the way to class, no doubt. When you ride the train, don't forget to keep your arms and legs in at all times — or else they will throw you off.

You can also rent paddle boats on the duck pond at the park.

If you don't like rides, you can just walk around the park or play on one of the many swingsets.

You will always find something to do at Pullen Park. Toss the frisbee to your dog, sit under a tree and read a book, or bring your friends for a picnic in the shade.

If you think the weather is too hot to be outside, don't fret. You can spend time indoors at the park, too.

Part of the park is a community center, which contains an indoor pool, a senior center, a fitness room and classes for karate and dancing, according to Taylor.

Everything has its price, and fun is no exception. Pullen Park's train and carousel cost 60 cents per ride, and you can rent a paddle boat for \$3.60 per boat.

Tickets can be purchased at the ticket office next to the snack shop. These rides are open from 10:30 a.m. to 6 p.m. Monday through Thursday, 10:30 a.m. to 8 p.m. on Fridays, and 1 p.m. to 8 p.m. Saturdays and Sundays.

The park is open daily until 9:30 every night. Come out and take a break from the repetition of two-hour long classes five days a week.

For more information, call Pullen Park at 831-6468.

Correction: In the May 29 story entitled "Hillsborough endures constant change," The Rathskeller was misspelled and incorrectly referred to as a "fairly new addition" to Hillsborough Street. The Rathskeller has been located on Hillsborough Street for several years. Technician apologizes for the mistake.

Draft

Continued from Page 3
and South Carolina, even though he has not been officially offered the head coaching job in Columbia. N.C. State is home to him, but the Gamecocks are offering him financial incentives along with

other opportunities, such as seriously upgrading the stadium in Columbia and hosting an NCAA Regional game.

South Carolina is still in its interviewing process, ending with Jim Morris of Miami. A decision should be made this week.

Much of the recruiting and draft scenarios will be hinged upon Tanner's future.



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Answers

Crossword Puzzle

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AMARILLO WREN
KEY PAGODA
JONES DILLI
SUNSHINE
MEN GALLAS FOG
REVIVAL HANA
TO A LOT OF EMPLOYERS WHO SEARCH FOR ELECTRICAL ENGINEERS
GASOLAS HAT
OVAL ICECREAM
VOLT EURYOICE
EWES RED ONIES

Cryptoquip

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PUT YOUR VALUABLES IN A SAFE PLACE.

