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NC STATE UNIVERSITY

North Carolina State University is a land-grant university and a constituent institution of The University of North Carolina.

NC STATE UNIVERSITY

THE Y

for 3606, 318 With

19

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A G R O M E C K

NORTH CAROLINA STATE UNIVERSITY

THE YEAR IN BRICK

52 WEEKS

8,760 HOURS



525,600 MINUTES

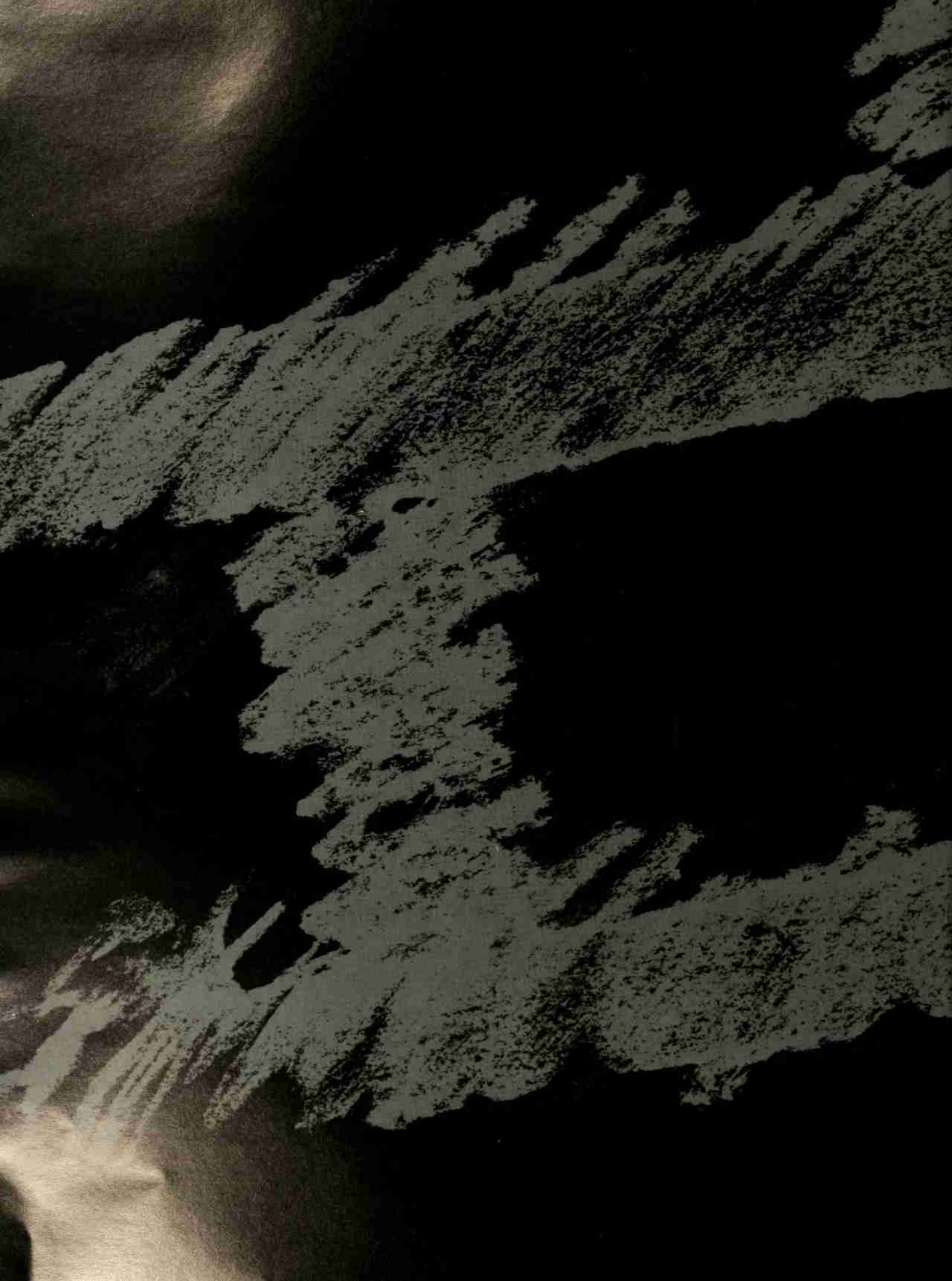
2 MONTHS

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31,536,000 seconds

98



PROLOGUE



The year 1998 will forever be considered

“the year in brick” at North Carolina State University. This year, the university developed a new graphic identity to symbolize the bricks that are abundant on this campus. This graphic identity is used to describe a consistent approach to the design of communication that the university uses in transmitting its primary messages. It ensures that the university is easily identifiable and memorable in its correspondence.

The previous identity used on university correspondence, such as the block “S” and the diamond logo are considered symbols of school spirit and are no longer to be used on official university publications. The bell tower seal, previously the main symbol on letterheads, will still be used on diplomas, fundraising pledges, and trustee reports, but will not be permitted on university letterhead or business cards.

The new “brick looking” graphic image was unveiled after 18 months of study and discussion. NC State officials began thinking about the university’s graphic after a consultant, Fred Volkmann, Vice Chancellor for public affairs at Washington University in St. Louis, said there was too much variation in its publications.

His report was followed by focus groups that included prospective students, employers, and alumni. There also was a survey of 300 administrative and academic units on campus and an audit of 850 examples of campus publications.

The outside studies showed that it is important to identify the university first and the title of the program and a particular college affiliation second and third.

On campus, people said they preferred a forward-looking graphic image rather than a traditional one. So, a steering committee took the opinions into consideration and came up with the recommended guidelines.

“All communications from the university -- regardless of their origin in academic or administrative units -- benefit from primary identification with the parent institution,” according to Meredith Davis, a professor of graphic design who led the team of students, faculty, and administrators that undertook the project.

The graphic identity project was funded by the Chancellor’s Office and carried out by a faculty, staff, and student team. About \$35,000 was budgeted for the project to fund faculty participation, purchase equipment that is still in use in the School of Design, and to finance student participation in the project. Similar graphic identity projects at other universities have cost many times this amount.

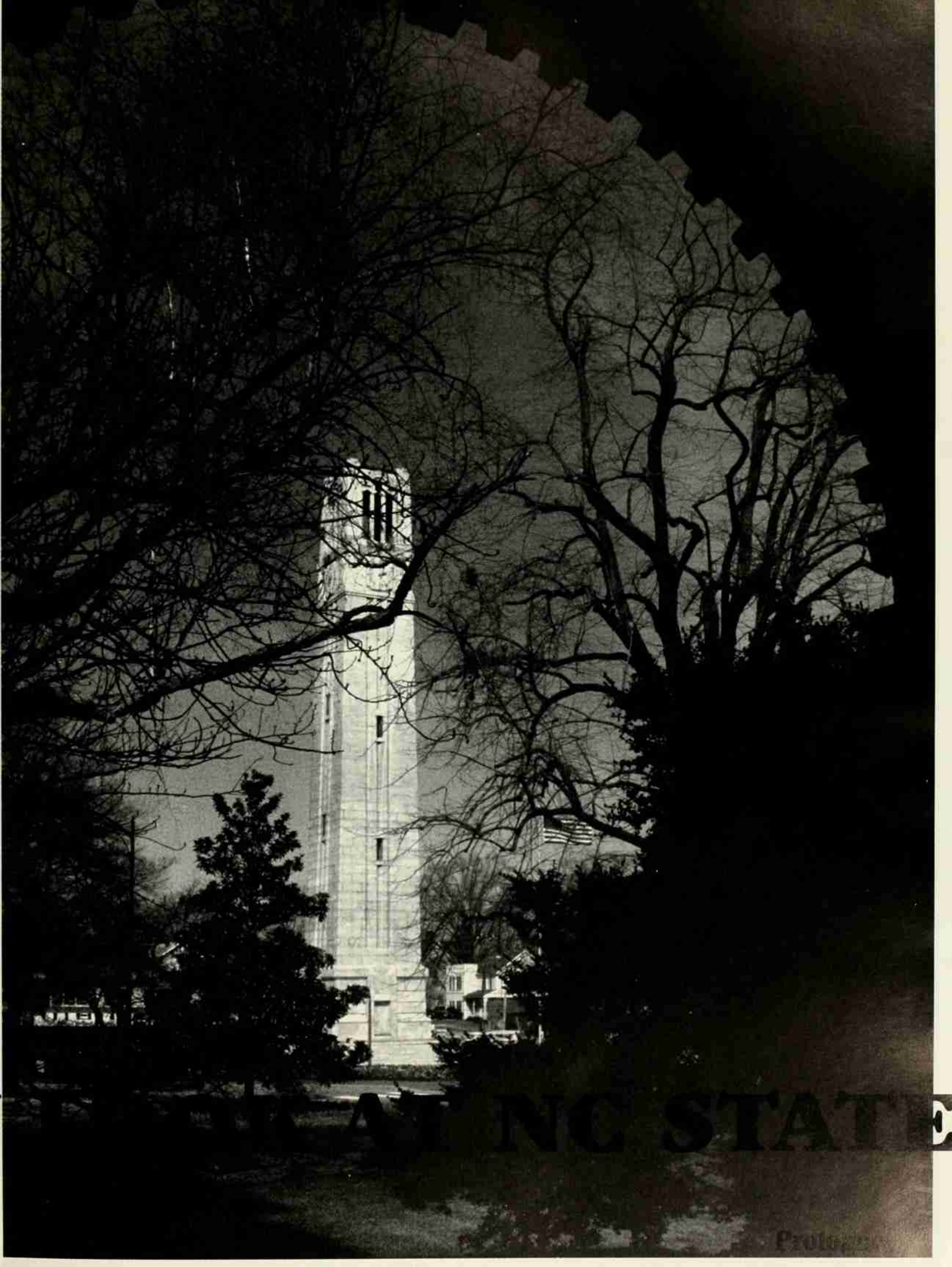
The design work was conducted by Davis, who is an accomplished graphic designer. Davis worked with other faculty and students at the School of Design to analyze more than 850 pieces of printed and electronic communication before beginning the design work.

Focus groups of alumni, guidance counselors, parents of college-age students, potential students, and employers of NC State graduates were used to assess what kind of visual identifier would best suit the university. Discussions were also held with many campus groups and with the university’s Public Affairs Advisory Council, composed of industry, business, and government and communication leaders.

The council, as well as the Board of Trustees, the Board of Governors, and the university’s Administrative Council have endorsed the project.

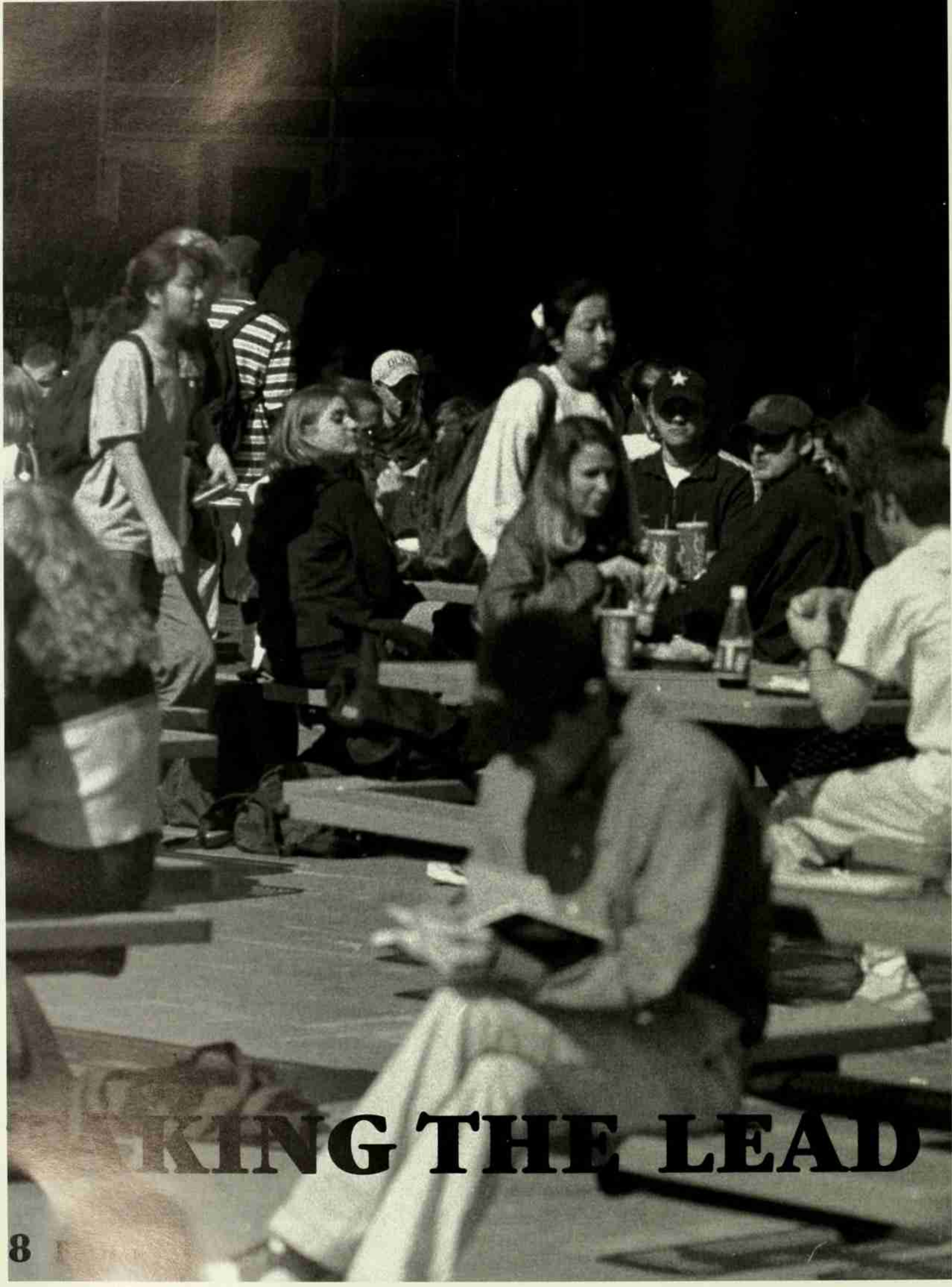
Story by The Bulletin
Photo by David Thompson

BRICKS, THE NEW



AT NC STATE

Photo by [illegible]



TKING THE LEAD

With a final draft of NC State's Diversity

Initiative now approved, the university is continuing its exploration of how to best increase campus-wide appreciation of diversity.

According to Hank Fiumara, director of university improvement programs, the focus now turns to how to best achieve the four goals named in the initiative. These goals include increasing the presence and contributions of diverse groups, creating a working and learning environment where differences are welcomed and valued, incorporating diversity in a significant way into teaching, learning, and research, and making NCSU's commitment to diversity evident in all its operations.

Fiumara said efforts are focused mainly on NCSU's climate and curriculum right now.

In the area of climate, officials are exploring how to best increase appreciation of diversity. Currently officials are looking for an assessment instrument, such as a poll or survey, to ascertain the current understanding and appreciation for diversity on NCSU's campus.

Changes in curriculum are being explored as well.

"We are looking at how, in the instructional curriculum, we can introduce a means to enhance success and opportunity in both what is taught and how it gets taught," Fiumara said.

The officials' interest lies in interactions that are taking place between faculty members and students, and between faculty members and other faculty members.

Fiumara said increasing diversity awareness will be achieved through more than simply adding courses, like cultural or gender studies, to the curriculum. Awareness will also have to increase through "enhancing the ability to communicate, to transfer knowledge in a manner that would allow all students to better receive it."

College is a learning experience, Fiumara pointed out. Through a mix of both classroom education and life experience, Fiumara hopes appreciation of diversity will increase at NCSU.

"You may have some students that come in here that will have some set patterns of behavior, but I guarantee that they are not the same person when they leave that they were four or five years earlier," said Fiumara.

While Fiumara stressed the positive impact the diversity initiative would have on life at NCSU, Marcela Musgrave, president of the NCSU Latin American Students Association, seemed less sure.

"These are lofty ideals, but I don't know if anything is going to come out of it," Musgrave said.

Musgrave initially got involved because she felt the 'diversity planning' was focusing too much on black-white relations. She wanted to make sure more came of it. Musgrave also said she did not feel it was ever clear where comments and concerns about the diversity initiative should be addressed when Fiumara and other officials asked for input back in October, 1997.

Jacqueline Hills, president of the NCSU Asian Students Association, feels a diversity initiative is necessary and appropriate at a public university like NCSU.

Hills believes the four goals seem fitting. She related the diversity initiative to the NCSU Asian Students Association.

"We welcome diversity because we know that we are all different," Hills said.

Hills also thinks an increase in appreciation for diversity in the classroom is going to help students to better understand and relate to teachers and classes.

Fiumara continues to emphasize the importance of members of the NCSU community becoming involved at an individual level.

"I would hope that people would take an active role individually because there are things students can do individually to break down barriers and increase appreciation," Fiumara said.

Involvement is a matter of how active a student wants to be in his or her own growth. Fiumara said activities from volunteering for Habitat for Humanity to participating in the classroom can have aspects that will help increase awareness of diversity.

Story by Lea Delicio
Photo by Jamie Stevens

ON DIVERSITY

NC State has big plans for its College of

Engineering.

The opening of the brand new Engineering Graduate Research Center (EGRC) on Centennial Campus will provide the College of Engineering with better facilities to work in, as well as hands-on research opportunities for students.

This new addition on Centennial Campus is dedicated to graduate education and research. There are four departments within the complex: electrical, computer science, civil, and materials engineering. Students and faculty will now be able to do much-needed research there.

The center will expand opportunities for the industry of engineering, said John Gilligan, the associate dean of graduate education and research.

The goal of NCSU is to move the entire College of Engineering to Centennial Campus in the next 15 to 20 years, which will allow easier access to state-of-the-art technology for the advancement of engineering, Gilligan said.

"It's a new philosophy," he added. "We want to integrate new research areas with graduate education and industry."

However, Gilligan said the project is still far from complete.

"We need about three or four more buildings the size of this one to complete the movement of the department to Centennial Campus. With adequate funding and good transportation, this dream can become a reality. We believe that, out there, the engineering department can expand as far as is necessary to satisfy the demand of engineers in this country."

The complex houses a total of 20 research centers. Within these center's large concrete beams, sen-

sors for better diagnosis and treatment of disease, high-speed microscopic switches and other important and technologically challenging devices are built.

All equipment will be built by students and professors in the EGRC and will have an immense effect on the people of the state of North Carolina, as well as the rest of the world. The center will not only aid in the advancement of computer science, but it will also aid in benefiting the lives of all humanity.

However, Gilligan is quick to point out that this is not the most important purpose of the facility.

"The faculty and students out there are the main focus of this building."

Construction on the EGRC began in 1994 and the first tenants were ready to move in by the end of the school year of 1996.

Dr. Nino A. Masnari, dean of the College of Engineering, presided over the dedication ceremony on October 24, 1997.

The first state-funded engineering building at NC State in 30 years, the EGRC comprises a main laboratory building and the Constructed Facilities Laboratory.

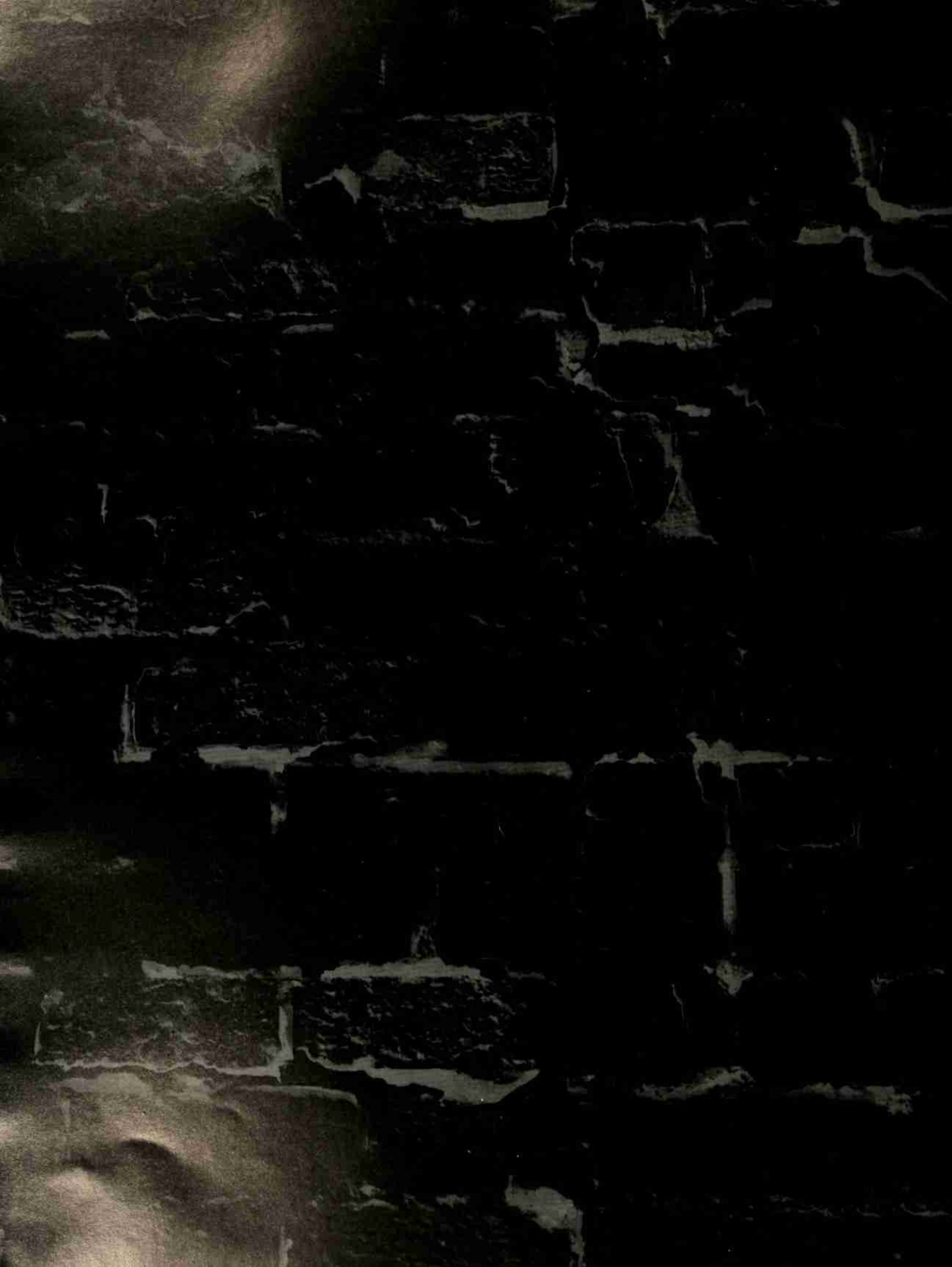
Story by Lynn Allen
Photo by Jamie Stevens

NCSU OPENS



RESEARCH CENTER

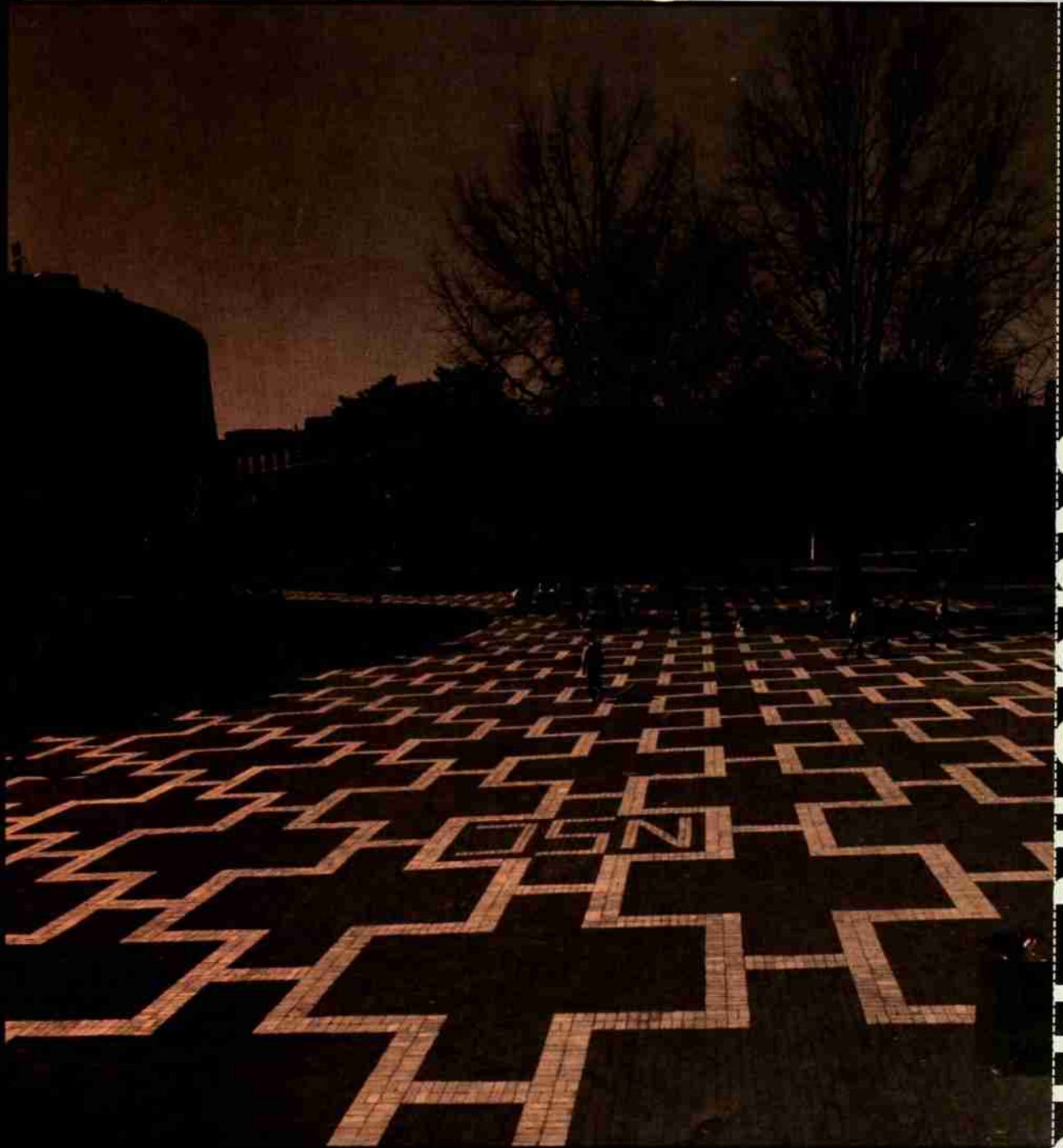
PROLOGUE



STUDENT LIFE



EVENTS



student life



Above: Member of Delta Sig enjoys lawn party.

\$18,400 was raised at Lawn Party this year, 100% of which goes to charities within the Raleigh area.



Harvey

Left: Friends play a game of Hackey-Sack on the grass at Trinity Farms.

Right: After a long day of fun, friends relax on the grass.

James



Lawn Party 1997

Lawn Party, an annual event, attracts more than 9,000 attendees who come for the music, drink, friends, and fun. Underneath all that, money earned from the Lawn Party helps out those in need.

On Saturday, September 27th 1997, 115 pledges and brothers of Delta Sigma Phi pulled together to host the 34th annual Lawn Party. Held at Trinity Farms across from the State Fairgrounds for the 5th year, the popularity of Lawn Party attracted over 9,000 attendees, who come for the music, drink, friends, and fun.

The performers at this year's party included Leftover Salmon, Drivin' N' Cryin', and Sister Hazel, who all had their own tour busses. The members of Sister Hazel had a concert in Tennessee on the night of Lawn Party, so the brothers of Delta Sig had a plane chartered for them to make it on time.

Lawn Party was promoted by Satellite Promotions this year. Tickets were \$12 and t-shirts were \$10. Approximately \$18,400 was raised by Lawn Party this year, 100% of which goes to charities within the Raleigh area. Of

this money \$7,000 went to the Frankie Lemmon School. Delta Sig also donated money to Wheelchair Athletes, as recently, an alumnus was in an accident and stricken to a wheelchair.

Thanks to Jimmy Hansen of Delta Sigma Phi, for his help on this story.



James

Lawn party is known for its music, dancing, and mostly as being a time when students can let loose and be themselves.

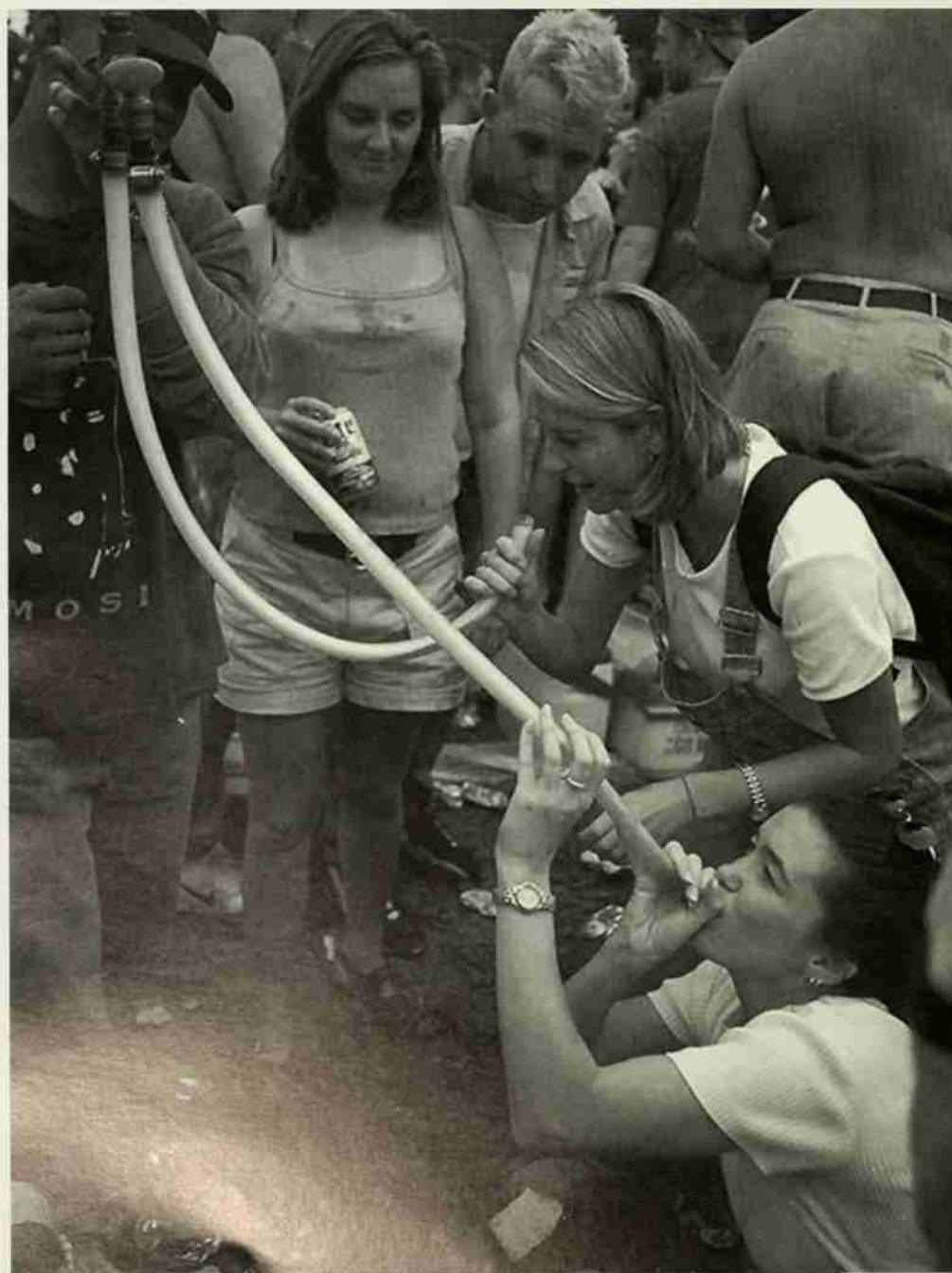
Below: Two party goers gear up for the famous beer funnel.

Below right: Dancing to the beat of Sister Hazel.

Right: One party goer is all partied out.

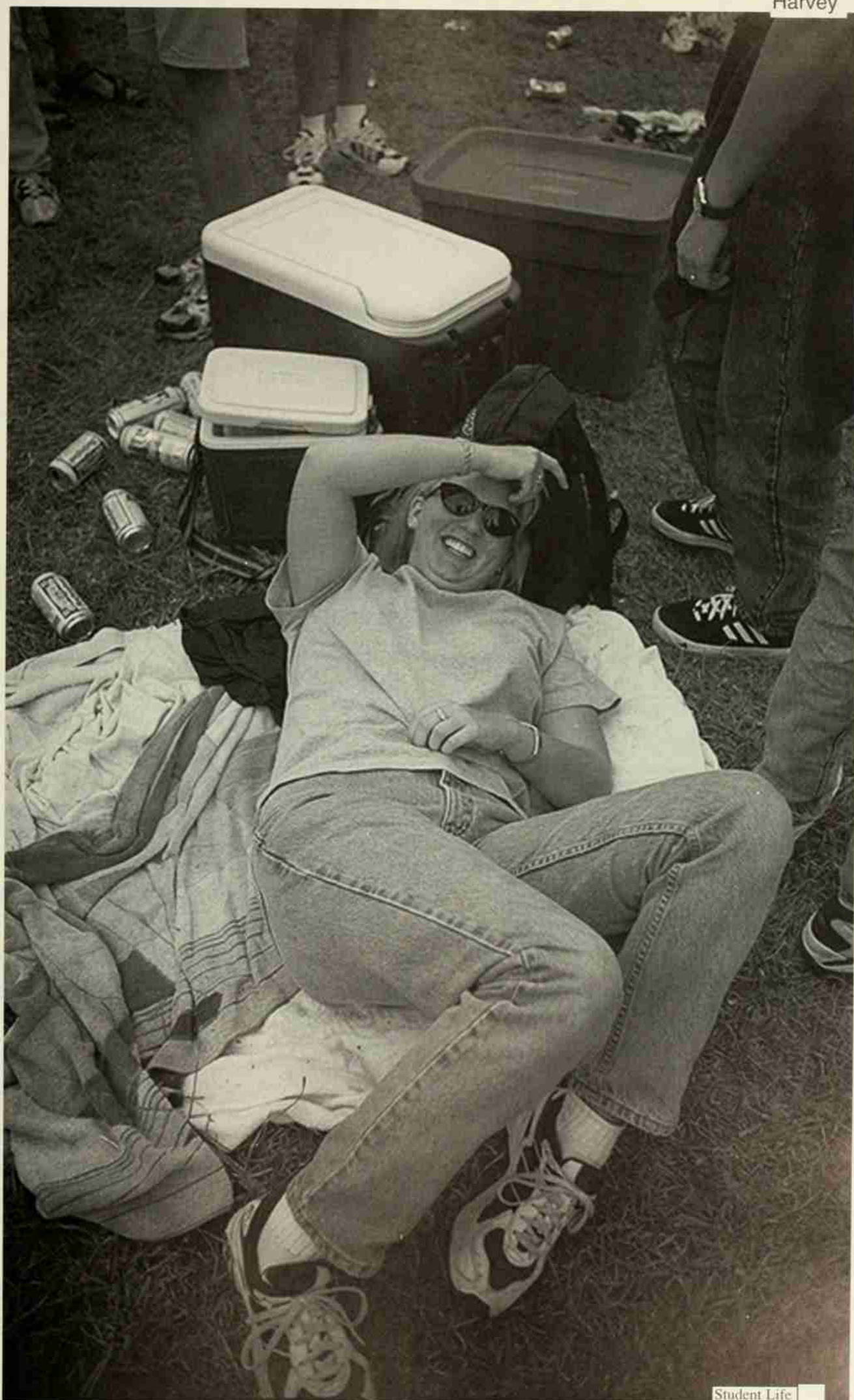
Far right: Relaxing on the Lawn.

Harvey



Harvey





N.C. State Fair

The 130th N.C. State Fair excited people from all walks of life, and N.C. State played a role in the year's events by entering plenty of exhibits for fairgoers to enjoy.

More than 22,000 exhibits were presented at the fair, including livestock shows, crops, fruits and vegetables, forestry and 4-H and Future Farmers of America club projects.

There were also exhibits on honeybees, flowers, fine arts, and photography. Craft exhibits and nightly fireworks were also presented.

The NCSU Agronomy Club had exhibits illustrating the value of land use and crop management at the N.C. State Fair. The booths focused on soybeans, corn, forages, peanuts, tobacco, cotton, turf, small grain, land use, and waste management.

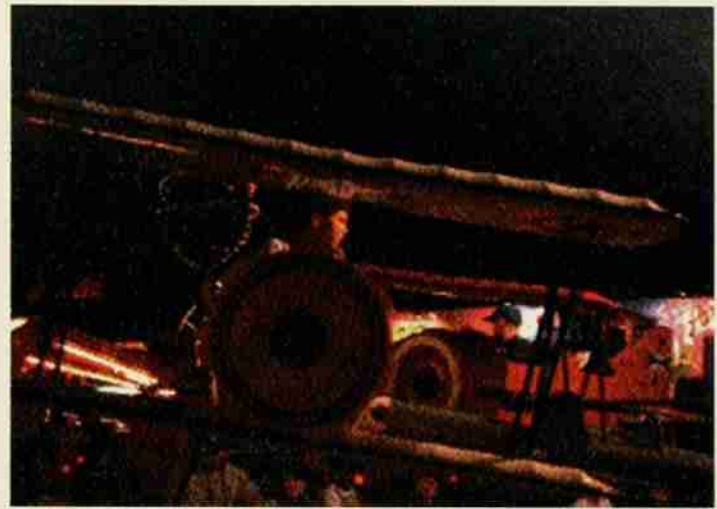
NCSU's Cooperative Extension Service also had an exhibit at the fair, along with N.C. A & T State University.

While at the fair, people could enjoy a visit to the NCSU Dairy Bar. The Food Science Club sells ice cream every year made in the dairy plant in Schaub Hall. The proceeds from sales went to support the club's activities.

Along with the many booths and exhibitions, the fair also had the traditional cotton candy, games, and rides that attracted the young at heart from all over North Carolina. Not even rainy days could hold back the fairgoers from enjoying this annual event.

by Nicole Bowman





Harvey



Harvey

Cotton candy,
laughter, rides,
agriculture, arts,
funnel cakes,
singing, the ferris
wheel, screaming,
big teddy bears,
haunted houses,
photography
exhibits,
fireworks... all at
the North Carolina
State Fair!

More than 22,000 exhibits were presented at the annual State Fair this year. Fairgoers got a peek into life at NCSU as the Agronomy Club, Cooperative Extension Service, and the Food Science Club presented exhibits at the fair. Traditional rides, games, and food were also a part of the fair.



Malecky



Harvey



Harvey



Harvey

Thompson Theater

Curtains come up, lights are on and attention is directed to center stage as students of N.C. State get to show off their theatrical ability at Thompson Theater.



What does Reynolds Coliseum have to do with Thompson Theater? Before Reynolds Coliseum was built in 1957, the gym was Thompson Gym, known today as Thompson Theater. With the building of the coliseum came the birth of Thompson Theater and its first play, "Antigone," performed in 1964.

Although remnants of a gym still exist, Thompson Theater is today a student-volunteer run organization, where four major plays are produced every year. Volunteers also bring life to the famous Madrigal Dinner every year with assistance from the Price Music Center.

For those interested in theater, but not wanting to take center stage, Thompson Theater also offers students the opportunity to get involved with make-up, lighting, sound, stage design, costume design, and other technical aspects that go into creating a production. Auditions for shows are open to all current N.C. State students.

Amy Cox, a junior in communications and an avid theatrical participant, thinks that Thompson Theater is a great place to have the opportunity to learn about all aspects of working on the stage, even if that is not what you want to do with the rest of your life.

"I enjoy being a part of some of the things that go on here at Thompson Theater, and the people you interact with here are truly wonderful and talented people," Ms. Cox said.

Besides Thompson Theater being solely a home to those in the performing arts, the basement of Thompson Theater is also home to the Crafts Center of N.C. State. Here, students, as well as members of the public, can take classes learning how to do many craft related things, including make pottery, paint, or learn how to take great pictures. All of these things can be done for a very small fee.

In all, Thompson Theater offers a wide range of activities for those who are interested in the arts. If performing is not for you, take on an activity at the Craft Center. But if you like to be under the spotlight, curtains come up, lights are on and attention is directed to center stage, as students from N.C. State get to show off their theatrical ability at Thompson Theater.



Members of *Cat on a Hot Tin Roof* get emotional.

James

Stevens



Members of the cast of *The Frog Princess* perform.

Stewart Theater

Stewart Theater, located in Talley Student Center, is the spot for a showcase of musical talents at N.C. State. Each year, per-



formers put on a wide variety of different shows for all varieties of music lovers to enjoy.

Performers this year included a jazz band and orchestra as well as some off campus bands brought in by various organiza-

tions.

Tickets to events at Stewart Theater can be bought at Ticket Central in the Talley Student Center. Students have the advantage of reduced ticket prices for some of the events.

Many consider the presence of Stewart Theater to be a great advantage to exploring musical interests due to the variety of performances that take place. Many of N.C. State's musical groups, such as those involved in Women With Voices and A Cappology perform in Stewart Theater.

The presence of a musical theater on campus offers students interested in music a chance to experience concerts without paying the prices of those places off campus, such as at the Symphony or the Opera. It also allows students within our community to show off their musical abilities.

Other events have occurred in Stewart Theater as well. The well known "Carnivalito" took place in Stewart Theater this year. It was a Latin style festival with a live band and area for those to experience latino-style dancing. It gave students a chance to be a part of cultural exchange as Latin natives taught the inexperienced dancer a few moves. Many who came for the music and atmosphere sat back and enjoyed the show.

All things considered, Stewart Theater is just one of the many facets of N.C. State that allows those within our community to explore areas of that arts that might otherwise go left untouched.



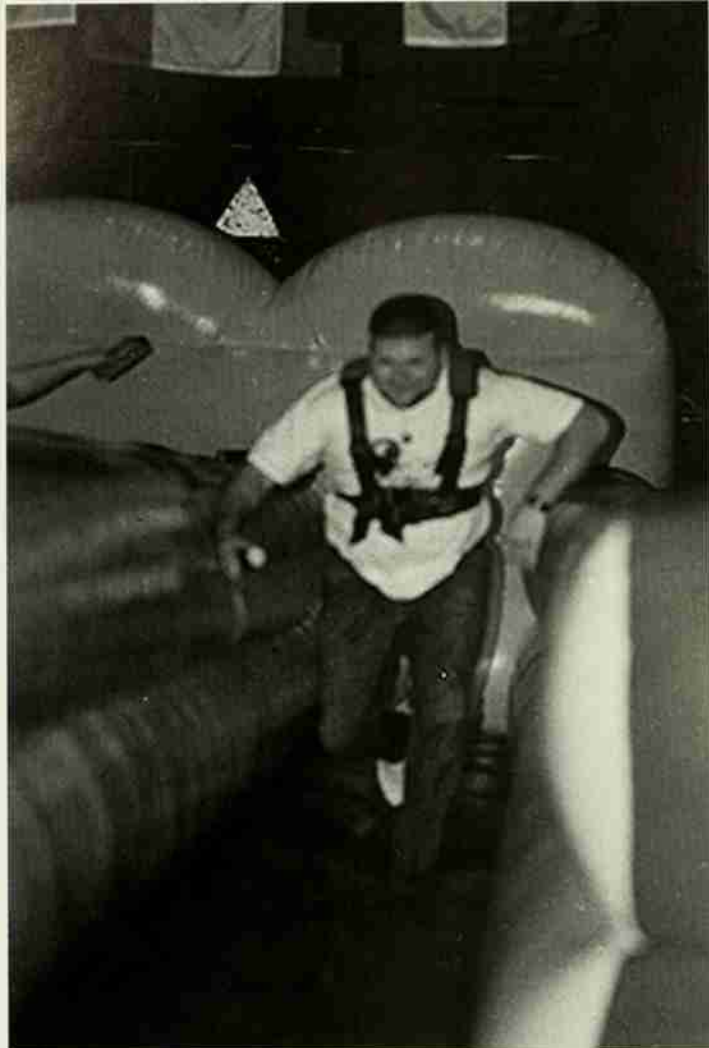


Left and Below Right: Jazz band performs at Stewart Theater

Above and Below Left: Wind Ensemble performs at Stewart Theater.



Right: The obstacle run was just one of the many events to enjoy at this years Bash.



Stevens

Right: One attendee makes hats out of balloons.



Stevens



Stevens

Ultimate All Night Bash

On Friday, March 27, 1998, the Union Activities Board held its annual Ultimate AllNight Bash in the Talley Student Center. The event, with the theme of "Clowning Around All Night," was held from 8pm - 2am. The event, which is the largest the UAB hosts, was a huge success.

Attendees paid a \$1 entrance fee, or brought 2 canned food items, and got to enjoy all activities inside for free. These activities included large carnival games of sumo wrestling, jousting and bungee run, a social dance workshop, fortune tellers, palm reading, clowns, caricatures and instant tattoos. A DJ was also spinning out music to create a "club" type atmosphere.

Free food and drinks also came along with admission. For those who prefer a relaxed atmosphere, there was a coffeehouse in the basement with a jazz band and several a cappella groups performing.

This year's' bash was organized primarily by Akira Morita, UAB's vice president. Alpha Phi Omega, a service fraternity, and Circle K had volunteers help out with the event.

As the AllNight Bash is an annual event, most of the money to support costs come from student fees. The entrance fee also went to help defraying some of the cost. Canned foods donated went to various charities.



Centennial Campus

The future is taking shape on the NC State Centennial Campus surrounding Lake Raleigh, adjacent to the current NC State campus. The Centennial Campus will include 12 academic clusters, a new concept that incorporates an educational center with corporate, service, recreation and residential centers nearby. A championship-caliber golf course is planned, and three cross-country trails were opened recently.

In only 10 years since its inception, NC State's Centennial Campus is rapidly emerging as a mixed-use academic village for corporate, government and university partnerships in research and development. Faculty and students on the 1000-acre campus already have attracted more than \$100 million in funding for collaborative research projects.

Architecturally, the campus will be a carefully planned mix of university and private facilities. Already, NC State's world-famous College of Textiles has moved into its new facility on Centennial Campus, becoming the first educational hub in the initial academic cluster.

Centennial Campus gives NC State limitless opportunities to expand and broaden its worldwide appeal.

The National Weather Service and Bayer are among the many companies and services that have offices in the beautifully built buildings on Centennial Campus. Beyond the classroom, students can enjoy a snack at the Shuttle Inn or Century Shop, a stroll across the grassy greens of the courtyard, or a stop at the Textiles library on Centennial Campus.

The Wolfline, NC State's transportation system, runs frequent stops between main campus, fraternity court, and park and rides over to Centennial Campus.

For those looking for a peaceful, scenic college campus atmosphere, Centennial Campus is the place to be.



Steven

Above: EGRC Building

Left: Research Building on
Centennial Campus

A student
takes time to
enjoy the
weather and
study outside.

The court-
yard,
located in
front of
the
Student
Center,
adds to
the beau-
ty of
Centennia
I Campus.



Stevens



Stevens

The bridge on Centennial Campus goes over the courtyard and leads to the Student Center. On a sunny day, students and professors like to relax and talk on the bridge.



Stevens

D. H. Hill Library



Riggsbee

The main library of NC State is D.H. Hill library. Built in 1952, with two book stacks towers added on in 1971 and 1989, D.H. Hill offers students, faculty, and the public over 2.6 million volumes of books, journals, and other

publications. There are over 4.6 million microforms available in D.H. Hill library.

D.H. Hill offers many services to the students beside just a place to study. A computer lab on the second floor allows students to do work in a quiet environment. There is also a research computer lab on the first floor, where students can search various databases to find scholarly journal articles. At these computers, students can also hook up to the libraries in other area universities to see what research materials they may have that will be of use.

There is also a video room, where students can view videos as a class, and often times by themselves so that they can control the settings. Many students enjoy the small rooms they can work in with groups. The library provides an easy meeting place, and a place without too many distractions to keep students working seriously.

Upon entering the library, one can notice the long tables that stretch from wall to wall. This is perhaps the most popular place in the library, for the reason that students can whisper quietly with friends and work partners to get projects and homework assignments turned in on time.

The couches on the ground and first floors are also popular places to find students, especially during exam times. It is almost inevitable that you will see many students taking naps on these couches. There are probably even some who sleep there all night, just to be sure they don't miss the deadline the next morning.

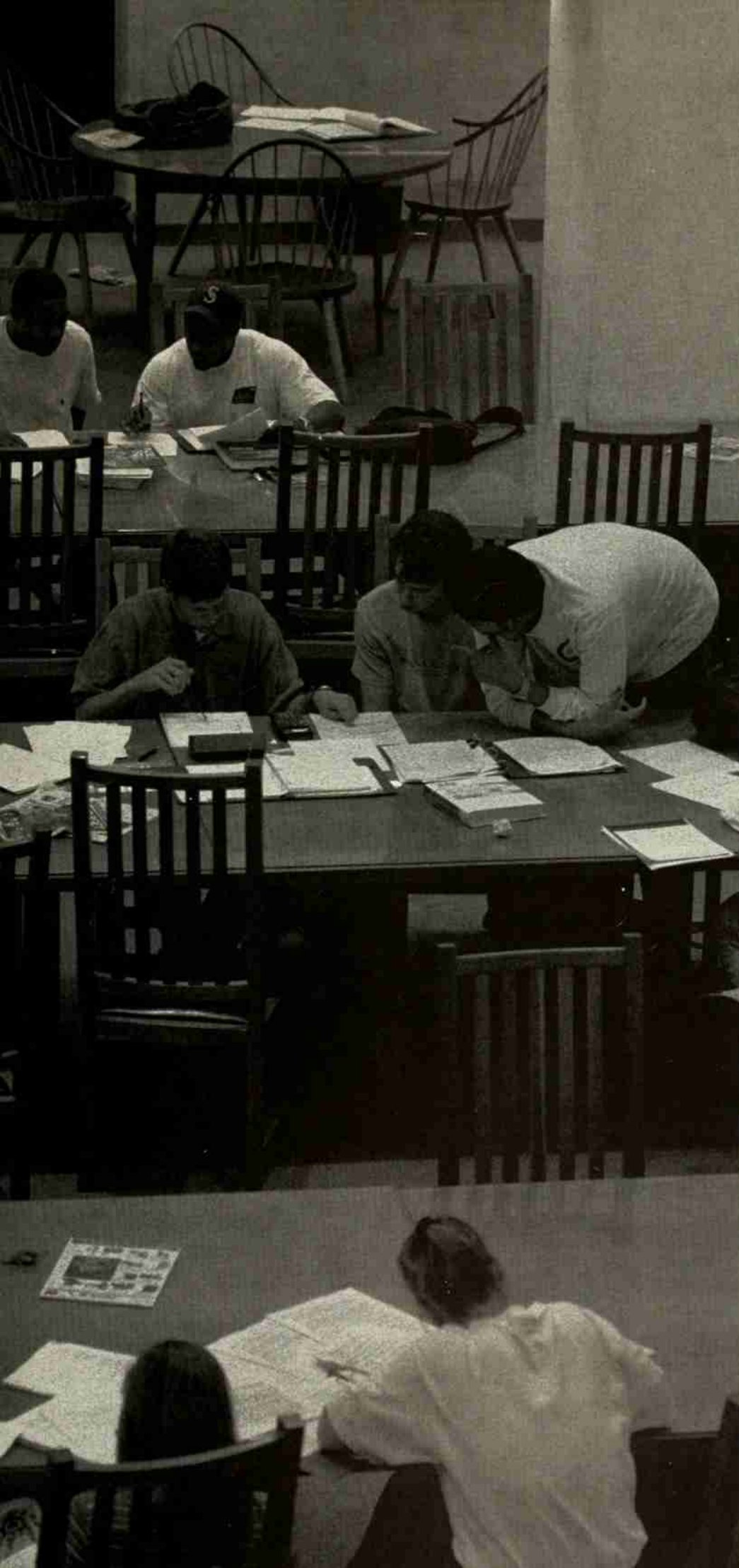
For those who want complete seclusion, D.H. Hill offers this as well. With 9 floors, and study cubicles in all corners, it is easy to find the perfect niche to meet your studying needs.

A popular place for students to study in groups has become the first floor of the library, where the tables are spacious enough to work.

Riggsbee



Two students take advantage of the quiet in D.H. Hill to study.



Riggsbee



Stevens

Above: The familiar scene of students waiting for the Wolfline to arrive.

Right: The Wolfline makes its way down Hillsborough Street.

Below: A student boards the Wolfline, headed for campus.



Stevens



Stevens

The Wolfline is the link for some from school to home, and helps to alleviate some of the parking problems that plague our university.



The Wolfline is the North Carolina State University transportation system, which provides many students and faculty alike, a means of maneuvering throughout the NC State community. With the new logo appearing on campus, the Wolfline also got a new face this year with the new university logo painted on the sides of all buses.

The Wolfline runs six different routes: from Avent Ferry, Centennial Campus, Fraternity Court, the Veterinary School, Kmart, a night service and park and rides. Many students rely on the Wolfline to get to and from school, especially those who live in apartment complexes close to campus. Parking permits are scarce and costly. The Wolfline is the answer to finding transportation for these students. Any student who possesses a valid NC State identification card is permitted to ride the Wolfline, free of charge.

Wolfline buses operate Monday thru Thursday between 7am and 11:20 pm and on Friday from 7am until 8:20 pm. Last year, a newly added Campus shuttle added service throughout the campus from Monday to Friday, 7:30 am to 5:30 pm.

Although the service the Wolfline provides is essential to some, there are gripes within the system. A printed schedule of Wolfline arrivals and departures from its scheduled stops can be found at Student Information. Many complain that the buses do not adhere to their schedules very well and either pass by earlier than expected or leave students waiting extra time. Many also complain of the unannounced breaks that many drivers take with a load full of passengers on the bus.

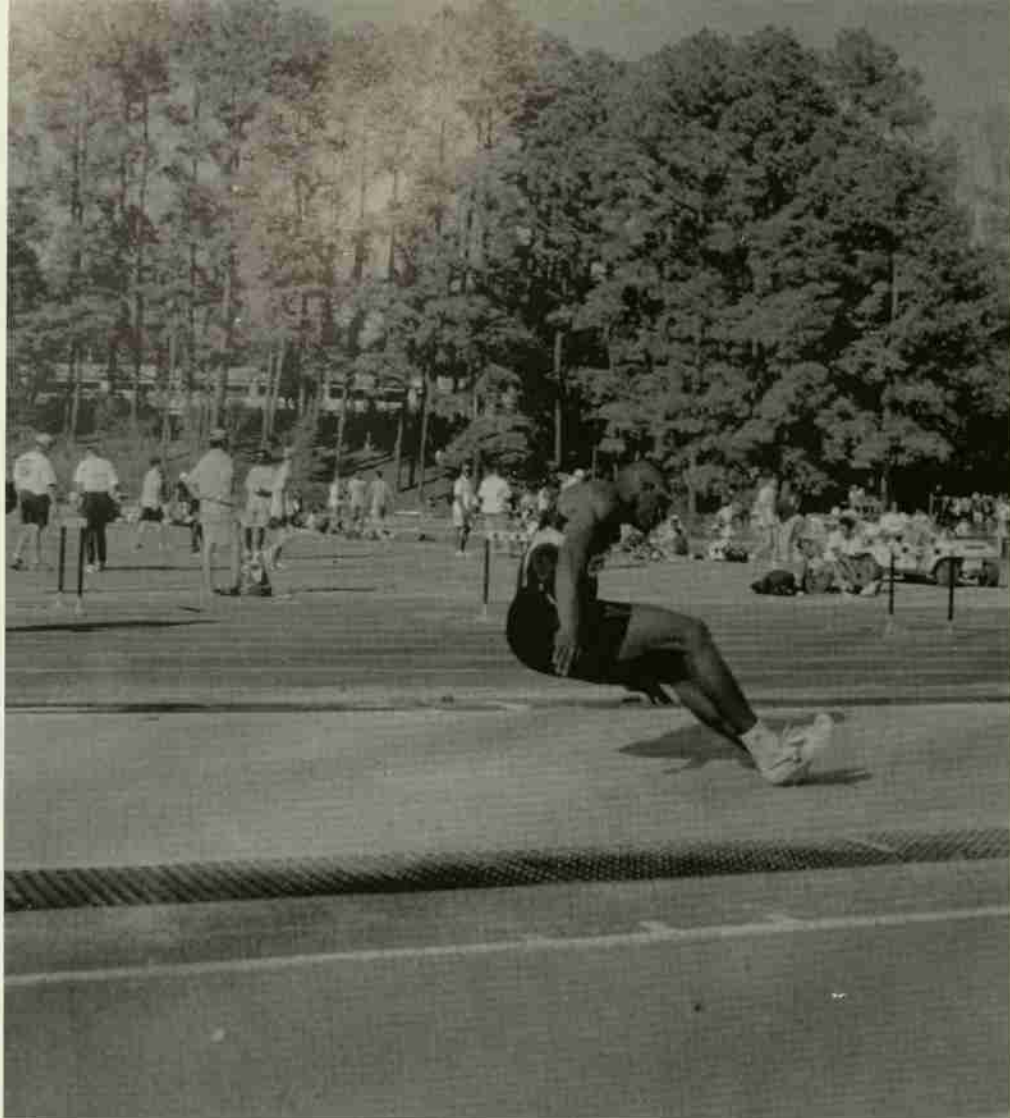
However, all things considered, without the Wolfline and its faithful drivers, many would end up "footing it" to the places they need to go. A walk over to Centennial Campus from Main Campus would take 15 minutes, while the Wolfline can get you there in 5, albeit maybe not on time. For those students who reside off campus and don't have cars or parking permits, the ways of the Wolfline are a necessity, even if the bus arrives a little late.



Members
of the track
team battle
clear the
hurdles in a
race.



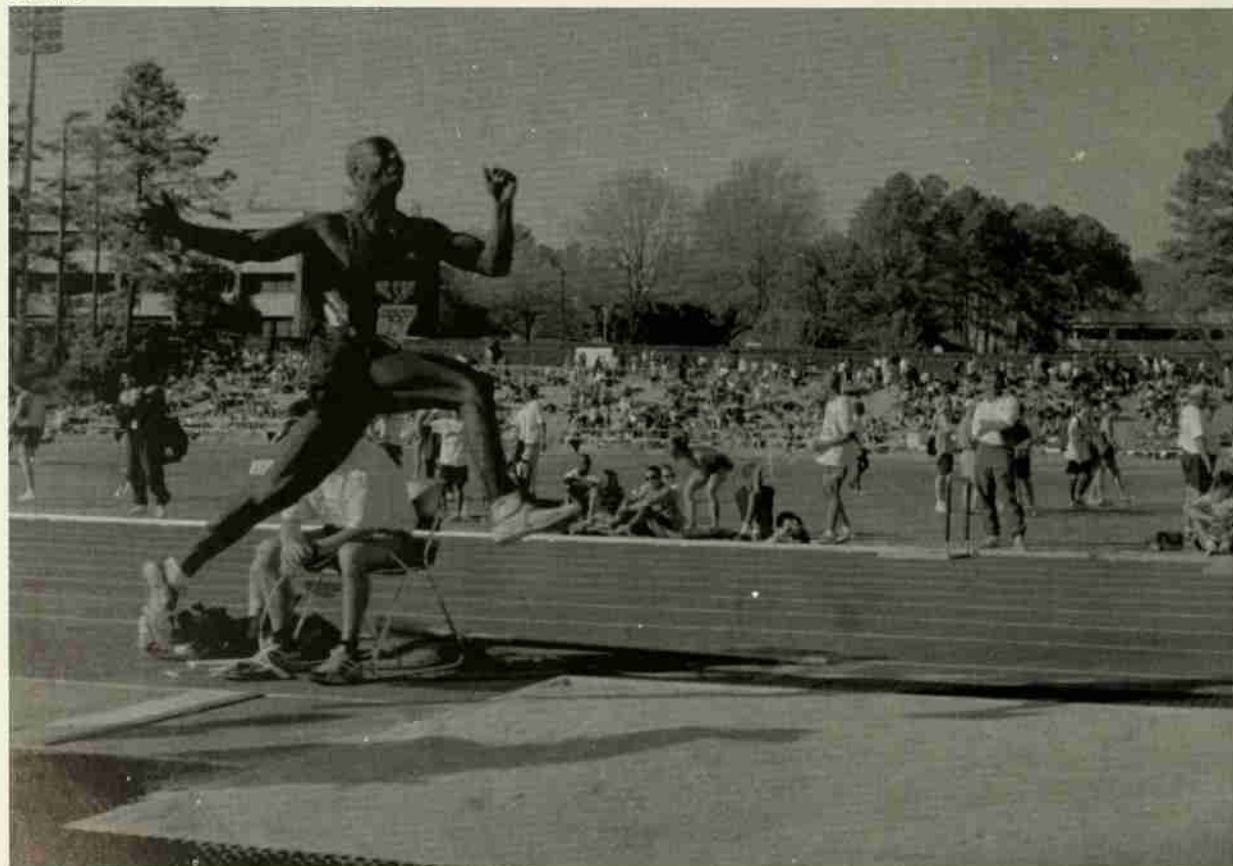
Stevens



Stevens



Stevens



The takeoff for the long jump.



Stevens

Fall Graduation 1997

Taking center stage at your own graduation is not something anyone would foresee. However, for Tammy Hayes, that is exactly what happened. She spoke at N.C. State's fall graduation on December 12, as well as received her own diploma.

From the time she was able to read, Hayes has been groomed for this moment. With coaching and support from her parents, Hayes is no stranger to large crowds.

When Hayes was a child, her mother would insist that over summer vacation she write a poem, as well as practice the piano every day.

"I enjoyed writing and playing the piano from a very young age. For every misspelled word in one of my poems, my mother made me write it 10 times so I would never forget," Hayes said.

Once she entered Apex High School, Hayes' talents for writing really began to soar. She obtained a job at the Apex Herald as a Sports Editor her senior year, and won many press awards while employed there. In 1995, she won first place Sports Column, second place Sports Reporting, and third place Sports Feature.

Upon graduating from high school, Hayes decided to attend N.C. State and major in English - Language, Writing, Editing - with a minor in music. She received the Ausley Scholarship for \$1000, and a music scholarship for \$4000 from the N.C. Women's Club.

Throughout her years here, Hayes accomplished many things. One of her poems, entitled "Kohler & Campbell, Upright Piano," was published in Windhover Magazine. She has also given many concerts playing the piano on campus as well as off. "The music department has really helped me in my development as an artist. They should definitely not go unnoticed," Hayes said.

Hayes got a job as a freelance writer at the Cary News and did her internship at the North Carolina Museum of Art. She helped write press releases and edit the web page. This has turned into a full-time job. She worked there for four months after graduation. Hayes also plans to tour Europe for a month before beginning graduate school. The school she will be attending is currently unknown, but she hopes that it will be UNC-Wilmington. "I love the beach," she said.

Hayes plans to get her Master of Fine Arts in creative writing and become a professional writer while working for a newspaper to support herself.

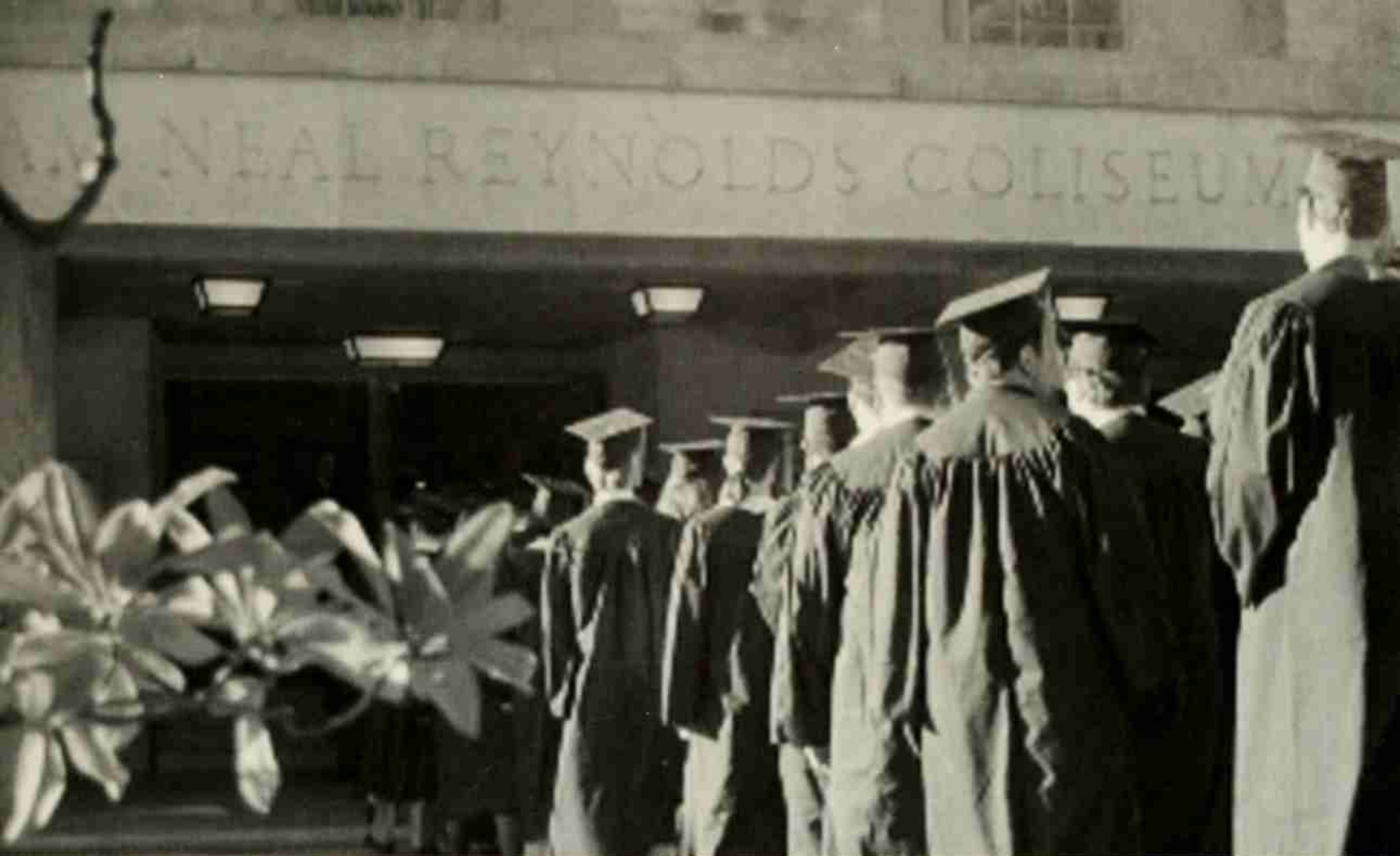
"When I got the call that I had received the honor to speak at graduation, I immediately began jumping up and down. I was very excited," Hayes said.

She received the call from Martha Welch, the University Registrar, after she gave her speech before a group consisting of students and faculty. She was among 10 other seniors who tried out, all of whom had to obtain two letters of recommendation to be considered.

"I was very shocked that I won. Everyone else looked so together, and I felt rather inadequate," Hayes said. Apparently she was not. Hayes' speech lasts five minutes, and is considered to be a motivational speech encouraging graduates that "it is time to take action."

As graduation day approaches, many students are excited, nervous and scared. However, Tammy Hayes is felling confident and ready to take on the world.

by Lynn Allen



Harvey

Above: Students proceed into Reynolds Coliseum during Fall Graduation 1997.

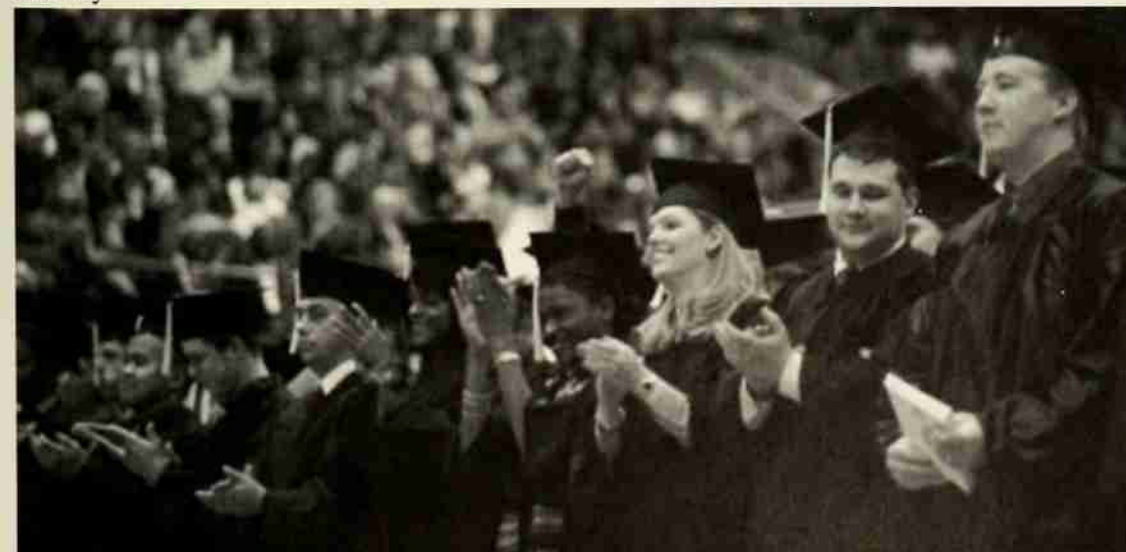
Right: Graduates celebrate the day they have worked hard towards.

Below: Graduates from the Class of 1997.



Harvey

Harvey

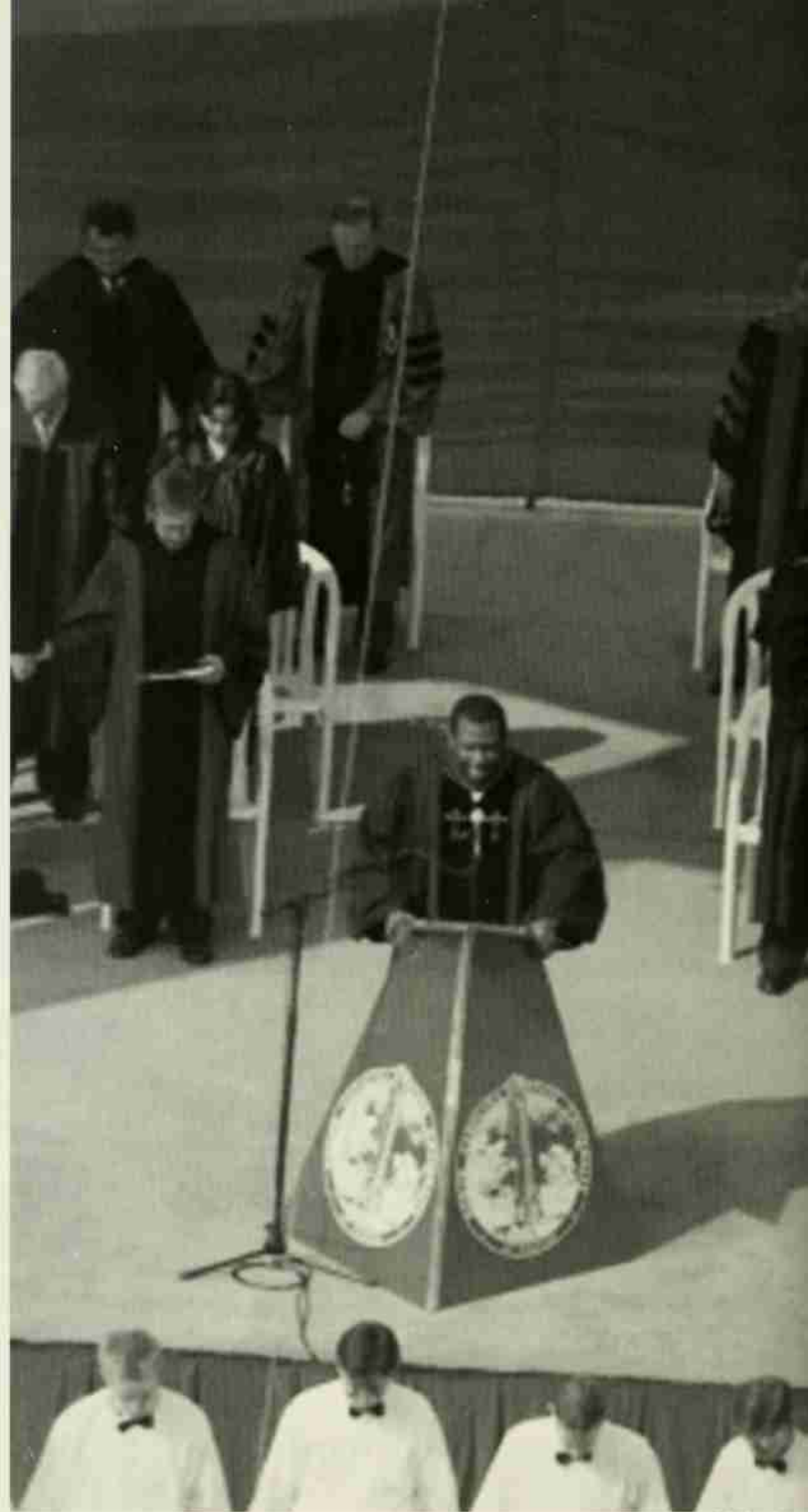




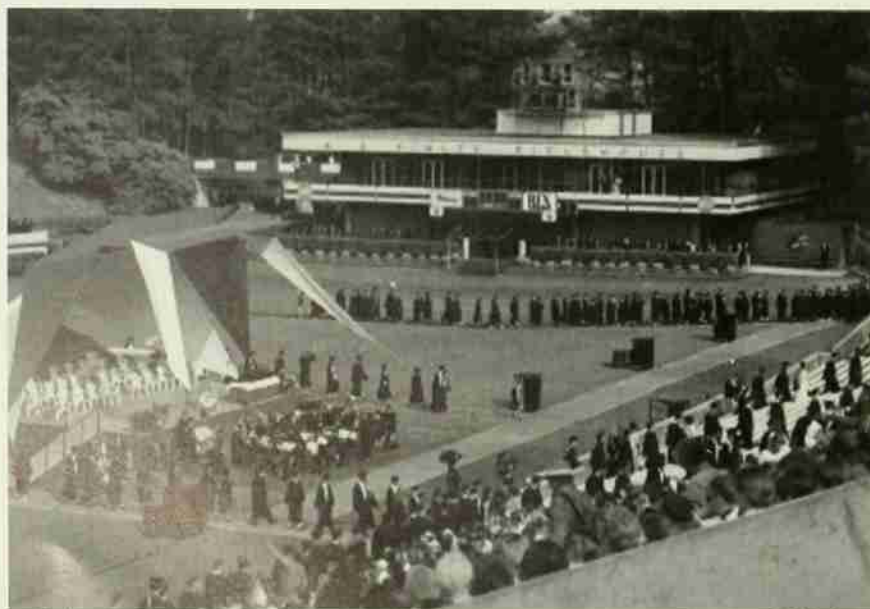
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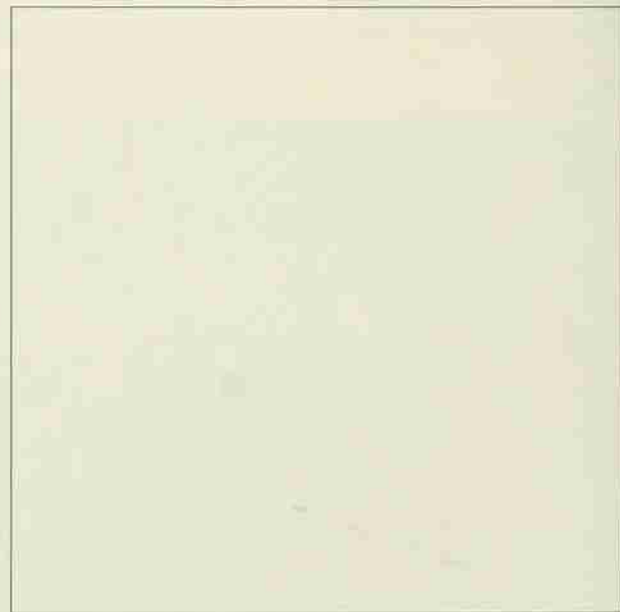
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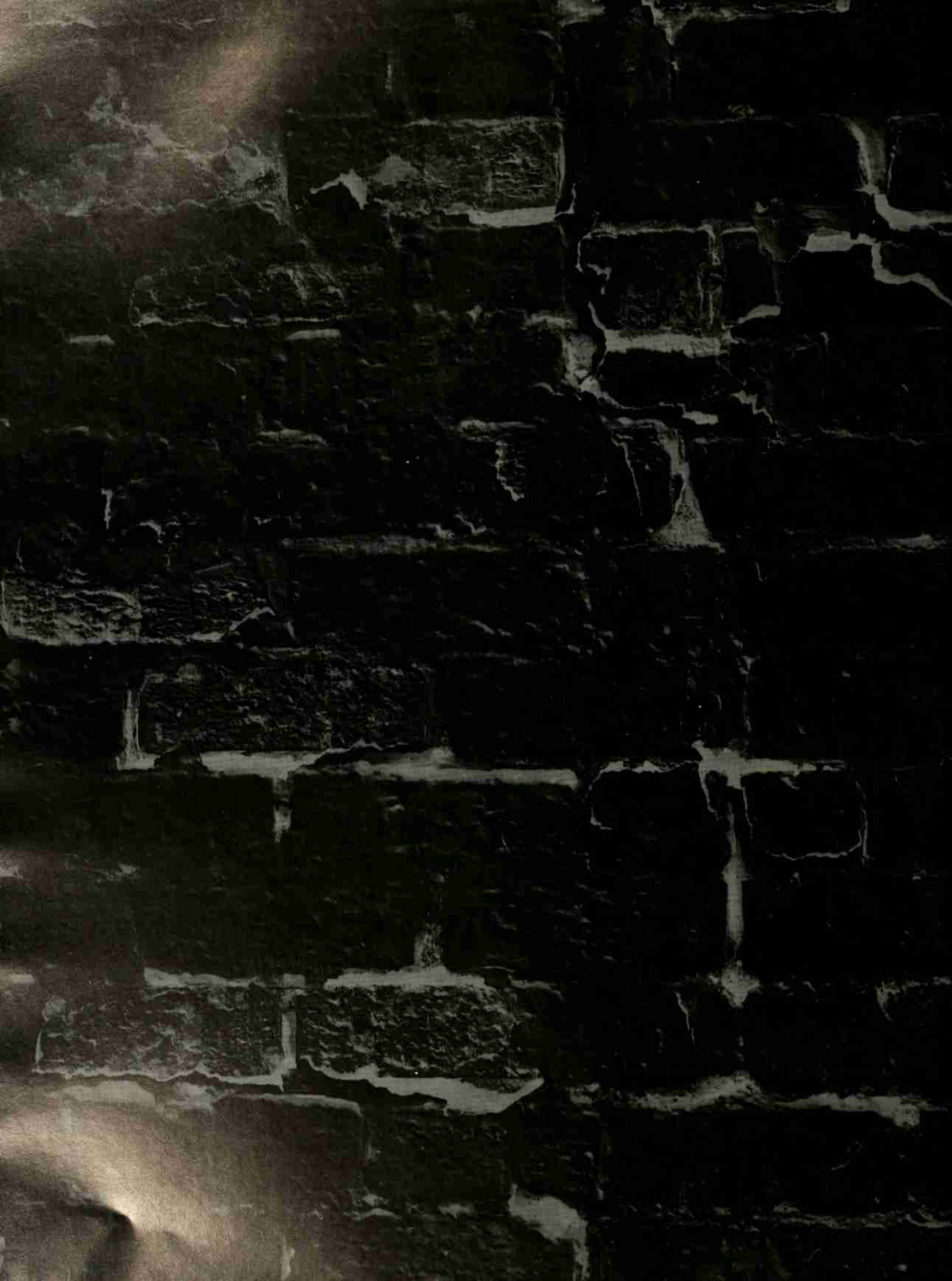


Malecky



Spring Commencement 1998





FEATURES



student life

Awareness Raised for Missing Peer

The story of Kristen Modafferi, an N.C. State sophomore, and her mysterious disappearance last June has touched the NCSU students who knew her best, as well as those who never even saw her. During the weekend of Jan 9-11, with the help of Park Scholars, volunteers from the School of Design and Modafferri's sister, Allison, the rest of the nation had a chance to hear the story.

On Jan 9, volunteers handed out flyers and yellow ribbons in the Brickyard. Students were asked to wear them in support of Kristen's family in hope of Kristen's safe return home. The volunteers also handed out the ribbons before the nationally televised men's basketball game on Jan 10. "Our main goal, our main purpose, is to get national attention on ESPN. Maybe someone will recognize [Kristen's picture] or will have seen her. All it takes is one person. We also want more students to jump on the bandwagon, to ask questions," said Terrell Russel, a Park Scholar.

The January campaign to expose Kristen's story was part of a long series of efforts by the Modafferi family and the community since her disappearance. Kristen Modafferi arrived in San Francisco on June 1, 1997, hoping to enjoy living on her own and supporting herself.

She made arrangements to attend a photography course at Berkeley and a dance class at the area YMCA. She was discovered missing on June 24, never making it to her first class at Berkeley.

No one has seen or heard from her since.

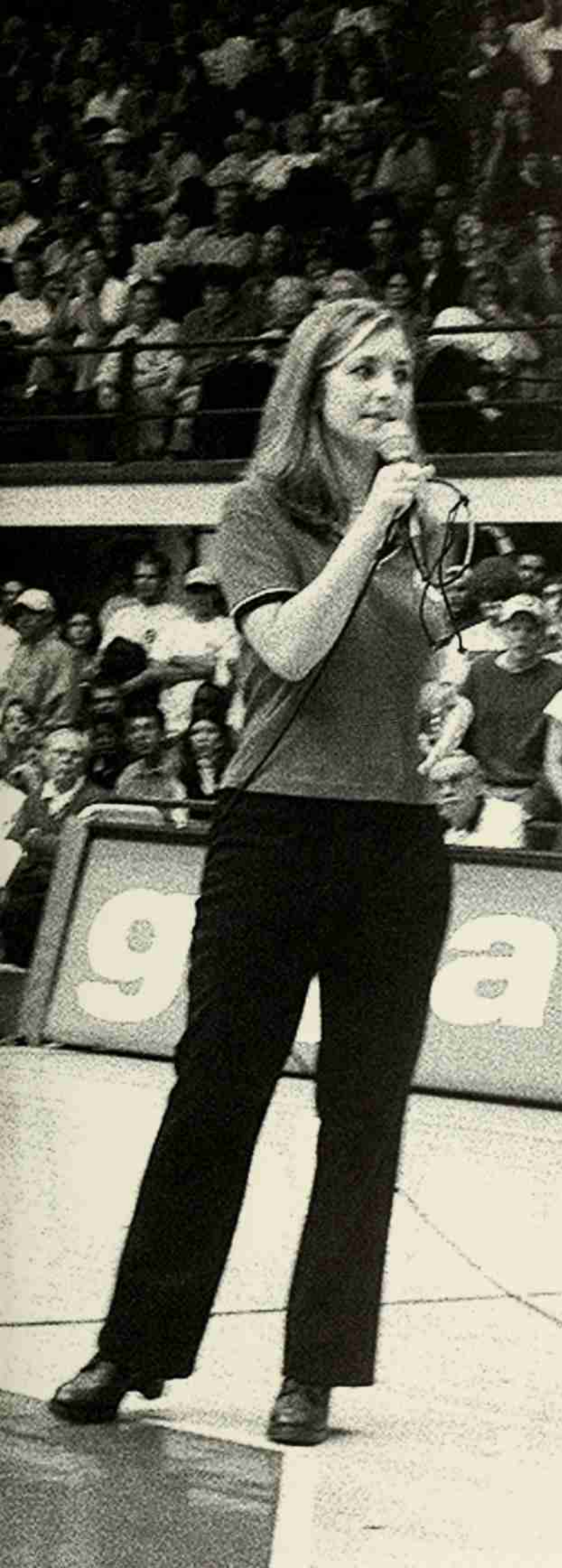
The Modafferi family has continued its efforts to get Kristen's picture on as many of the San Francisco media as possible. "Over Christmas break, my entire family went back to California, and we had a lot of contact with the local papers and radio," said Allison Modafferi, a senior at NCSU. "We also visited the missing children's organizations that are helping us tell Kristen's story. We get new leads every day and the detectives check them all. So far, nothing has panned out, but still, we check them all."

During the fall semester, the Park Scholars began thinking of an event to raise the level of knowledge of Kristen's disappearance. Before the Christmas holiday, the scholars met and planned the ribbon distribution in the Brickyard. Chancellor Monteith and head basketball coach Herb Sendek and his staff agreed to wear the yellow ribbons at the Jan 10 basketball game. Organizers feel this made more of a reason for broadcasters from ESPN to take note and give publicity to the search for Kristen.

"What we are trying to do is get Kristen's picture out there. We believe, no we know that one person has to know something. That's all we need," said Allison.



BY
VICKI
HOGLIN

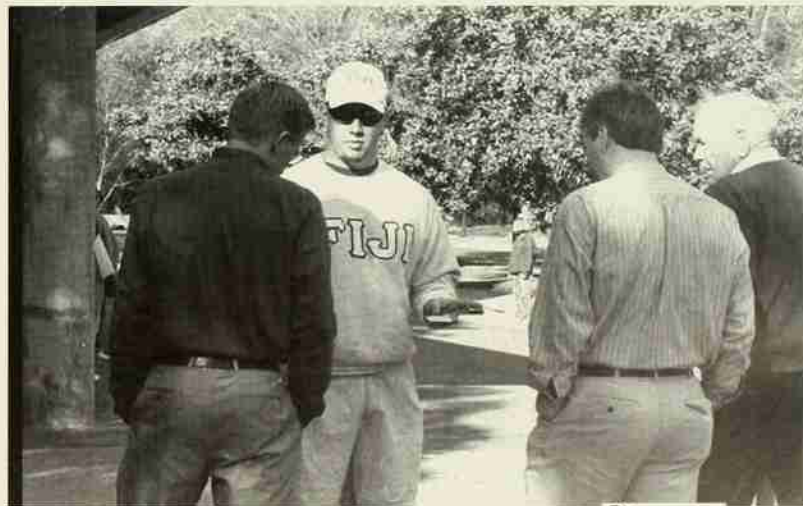


Stevens

Above: Modafferi family holds onto the hope of finding their missing daughter, Kristen.

Left: Allison Modafferi speaks during half-time of the State vs Maryland game of her sister's disappearance.

Below: Yellow Ribbons are passed out in the Brickyard.



Stevens

Right: Chancellor Larry Monteith stands at the podium during a ceremony on Centennial Campus September 17th as he announces his plans for retirement as Chancellor of N.C. State.



Harvey



Harvey

MONTEITH ANNOUNCES RETIREMENT

Telling a crowd of about 30 people gathered at Centennial Campus Sept 17 that the time to move on has arrived, N.C. State Chancellor Larry Monteith announced his retirement, effective as soon as his replacement is found.

"Through the efforts of so, man, we have achieved great accomplishments, and many more remain ahead," he told those gathered in the Centennial Campus Brickyard. "But we are today at a smooth stretch of the road in our rise to the peak of opportunity, and the best time to change drivers is when you have reached a smooth stretch in the road. I am today announcing my retirement, to take effect when the search process is complete and President Broad has named my successor."

Monteith cited three reasons as to why he has chosen to retire. He said he wants to retire by the time he reaches 65 next August. Furthermore, there will be no turnover on the Board of Trustees until 1999, and Monteith said seasoned board members can work together better to find candidates to replace him. Also, he said he would be unable to find the leadership needed to meet the milestones that lie ahead for the next decade.

"Now, I would enjoy providing the leadership to reach the milestones ahead. They'd be attractive to anyone," he said. "But reaching them, and the ones beyond them, requires a chancellor who can make a longer commitment than my age allows."

The Board of Trustees formed a 12-member search committee to recommend candidates for the chancellor position to UNC System President Molly Broad. The committee will screen and identify people for the position. Then its recommendation will be taken to the UNC System for approval.



Harvey

BY
NICOLE
BOWMAN



Harvey



Stevens

Right: Class of 1998 plaque labels the Senior Gift of "Greenspace" left to NCSU.

Below: Students listen as their professor lectures in Greenspace.

Above: Students have class at the Class of 1998 Greenspace.



Stevens





Senior Class Creates Greenspace

This year, the graduating Class of 1998 will team up with N.C. State Facilities and Operations to create "Greenspace," a relaxation area to be located outside of D.H. Hill Library.

The project, chosen by the Senior Class Council, will be located between the new and old entrances on the Brickyard side of the library. Due to the location, southern exposure will give students a warm, sunny area to converse with friends or to just relax between classes. The patio, in addition to containing flowers and shrubs, will also include an engraved plaque to remind future students of the goodwill of the Class of 1998.

NCSU, through the Department of Facilities and Operations, proved its generosity by agreeing to match the amount raised by the Senior Class Council. The project is estimated to cost about \$12,000 and should be completed by the end of the spring semester.

Jamie Davis, assistant director of planning and research for NCSU libraries said, "This project is great because it will benefit students across all disciplines. The library is always thrilled to have the support of our students - this is the fifth senior class gift that we've been awarded. From the Class of 1989 Reading Room to this Class of 1998 Greenspace, it's obvious that with their help, we're improving our campus resources for the benefit of all students."

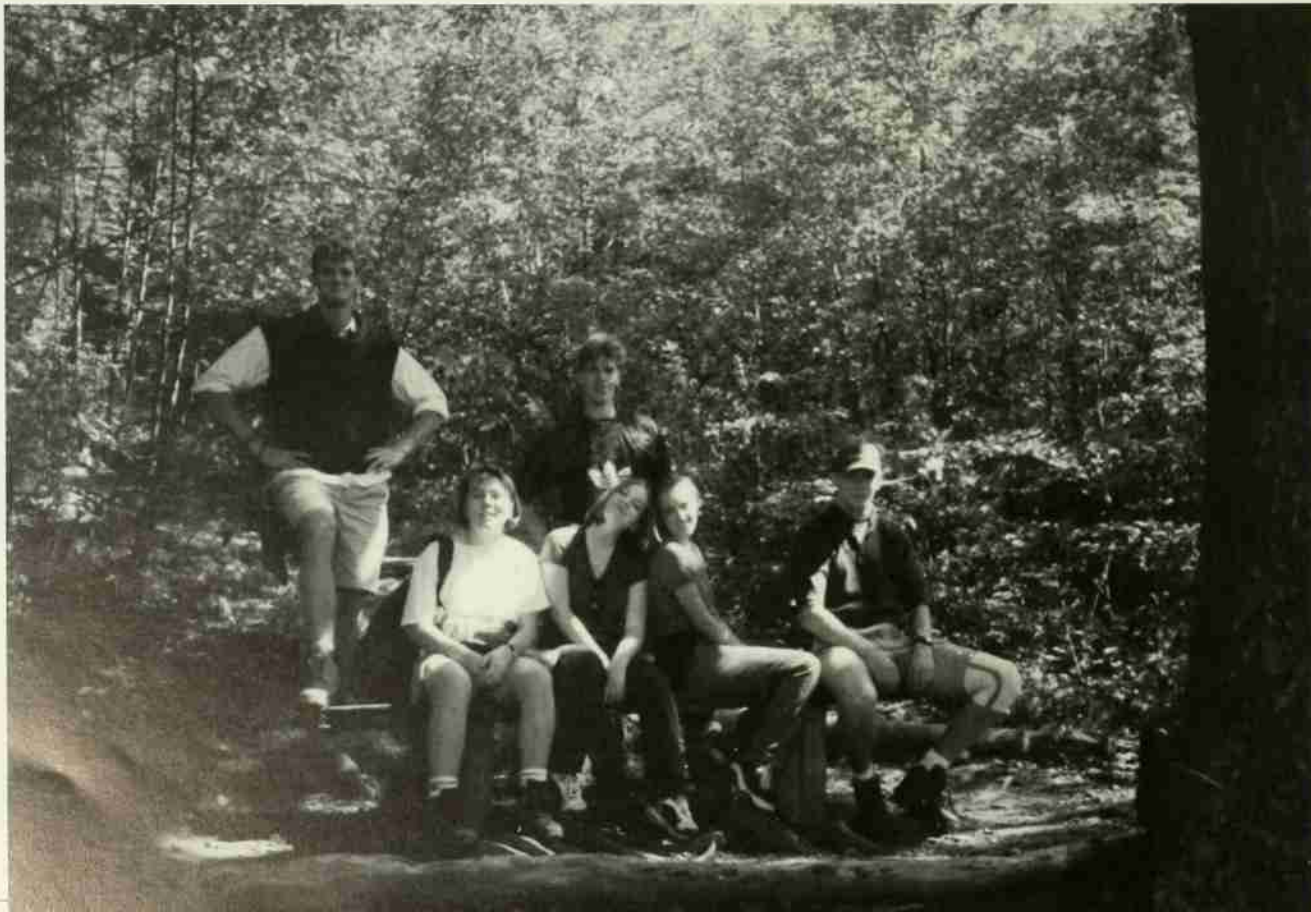
Josh Hawn, senior class president, added that "the Senior Class Council wanted to choose a project that would leave a permanent impression on the university. We wanted to be sure that in 60 years, future NCSU students would be able to enjoy the product of the commitment of the Class of 1998. And since we felt that campus aesthetics were an obvious weakness to the university, the Class of 1998 Greenspace should be to remedy this shortcoming."

The Senior Class Council held an event to recognize and publicize the project on January 22 at the future site of Greenspace.

by Kris Larson



Alexander International Residence Hall is home to students from more than 35 different countries. These students take advantage of the cultural and social ideas they can exchange while studying at NC State.



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Crossing Boundaries



Alexander International Theme Hall, N.C. State's International Residence Hall, was established in 1975. Each room of this residence hall houses one American student, and one international student. Alexander is home to students from over 35 countries besides the U.S., including England, Ireland, Germany, France, India, Brazil, and Ghana.

The students of Alexander take pride in the opportunity to exchange cultural and social ideas through programming. Residents participate in, and host, international dinners, dances and coffee hours. This past year, the staff and hall council members of Alexander presented nearly 100 programs for its residents. These programs

led a trip to see the artist formerly known as Prince in concert, a trip to Myrtle Beach, Halloween Pumpkin carving, and a camping trip. Alexander ends the year with an annual picnic for its residents.

Many residents of Alexander also take part in aspects of campus life as well. Helping hand these students make can be seen in tutoring workshops, as members of various committees for organizations on campus, and in many of the on-campus employment areas.

The students of Alexander form friendships that will surely last a lifetime. Through the programming, students exchange ideas, build bonds, and make lasting friendships that leave the walls of Alexander and extend across many oceans.

Let it Snow...

Students who were in town over the holiday weekend that commemorates Martin Luther King JR. took joy not only in the vacation time away from the classroom, but they awoke only to be greeted by snow. This time, unlike last year, it stayed around long enough to be enjoyed.

For the first time since the 1995-96 school year, N.C. State's

campus was blanketed with a sheet of white flurries. It was time to dust off the snow sleds, hats, gloves and boots and head outside for fun. Numerous on-campus residents could be seen outside building snowmen, having snow ball fights, and making snow angels.

Becca Causey, a sophomore and resident of Alexander Residence Hall, enjoyed the day outside with friends. "It was the

first time since I've been at State that I got to enjoy snow. We had a great time building snowmen and having snow ball fights," she said.

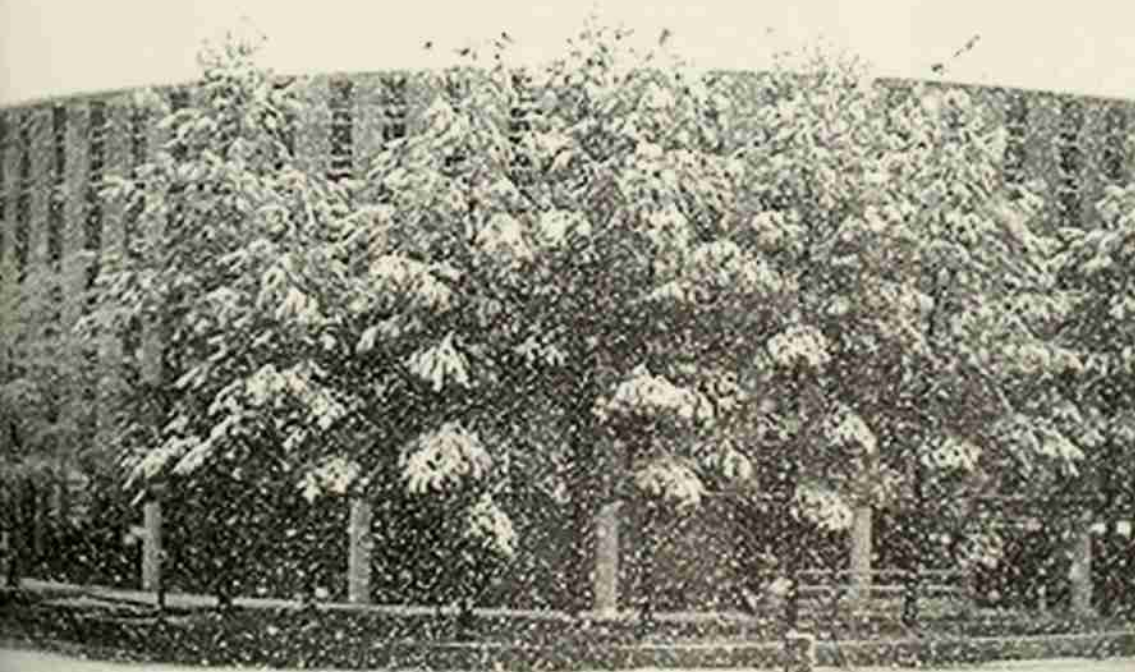
Weather forecasters predicted the Raleigh area would be hit hard by the snowfall. Local residents quickly took action by stocking up on necessary food items, salting driveways, and putting snow chains on car tires. Many area grocery stores ran low on milk and bread items during this time period.

However, luckily the snow was light and did not cause too many problems. For the most part, roads were easily accessible. When students returned from their weekend away, most of the snow had melted. But, at least it stayed around long enough to be enjoyed.





Above: Katie Robinson and Jill Brown, residents of Alexander Residence Hall, try to avoid destruction of their snowman by others.



Left: Harrelson Hall covered in snow.

by
Cathy
Wilfong

Molly Broad Inaugurated as President

Pomp and ceremony accompanied the 16 University of North Carolina campuses Wednesday night in inaugurating the 15th president of the UNC system, Molly Corbett Broad. The ceremony, which was held in Reynolds Coliseum, formally installed the first woman ever to head the UNC system.

Bedecked in full academic garb, a procession of chancellors, faculty and others led Broad to her inaugural stage, where she professed "With hope, humility and high expectations, I embrace the privilege to serve as the 15th president of the University of North Carolina."

Broad proposed a rousing agenda for her presidency, promising North Carolinians "educational access and opportunity to all segments of our population," affordable higher education and a strong partnership with the public schools.

Invoking the memory of the founders of North Carolina's first public university and her more immediate predecessors, William Friday and C.D. Spangler Jr., who joined Broad onstage, the new president announced that their work was "far from done."

"How do we translate strength and foresight embodied in our history into the capacity to meet the challenges of the future?" Broad asked.

Broad stated that, in order to meet the "three-part mission of the quintessential American university - teaching, research and service," several issues must be confronted. Noting that N.C.'s college attendance trails the national average, President Broad challenged the audience to raise the college-going rate. In order to do this, she said, issues of cost, financial aid and inclusiveness must be addressed.

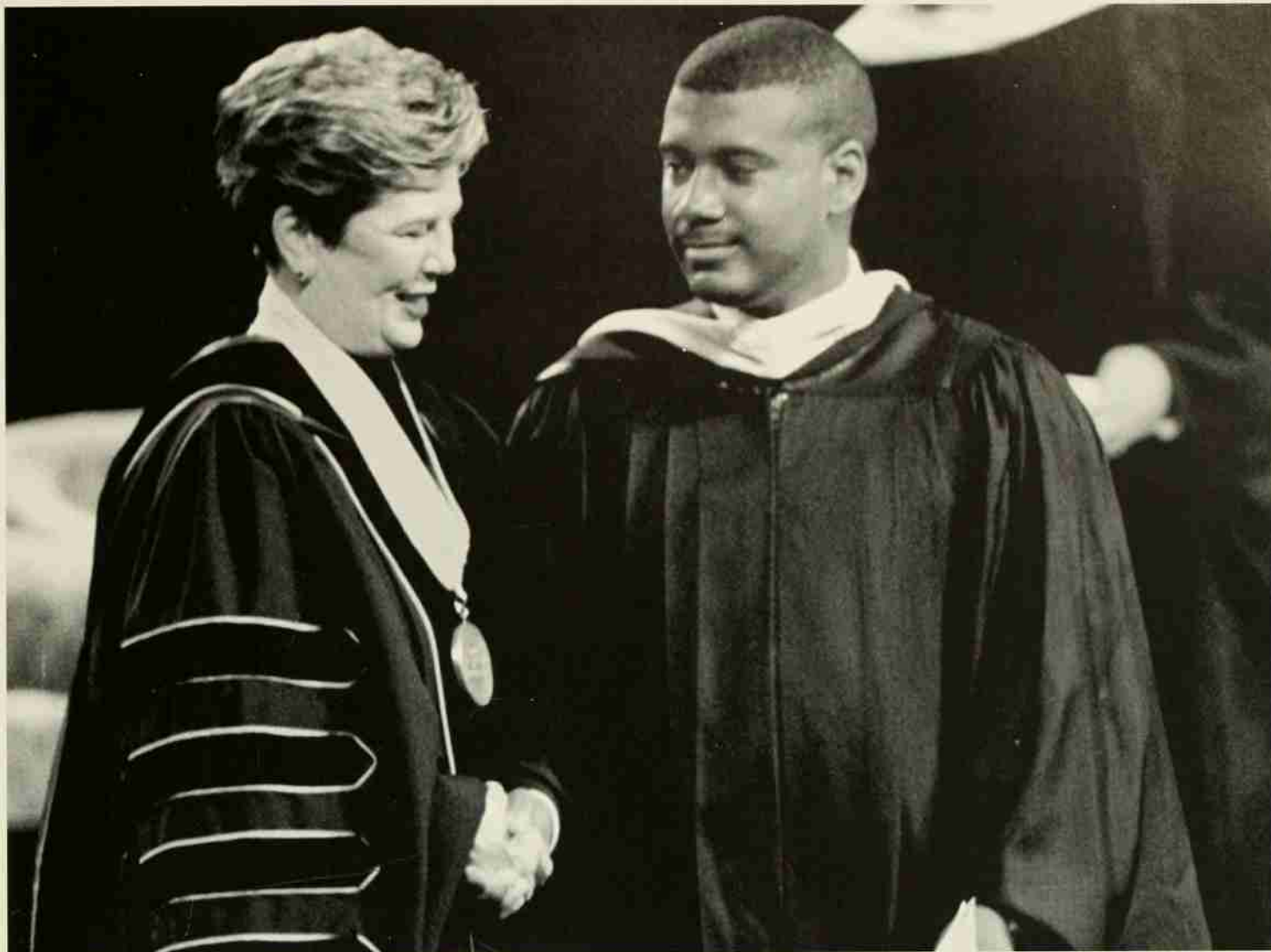
"Today, the imperative to extend affordable higher education to all the state's people who can benefit from it has never been greater," Broad said.

Broad also focused a great deal of her remarks on the need for better prepared and more teachers.

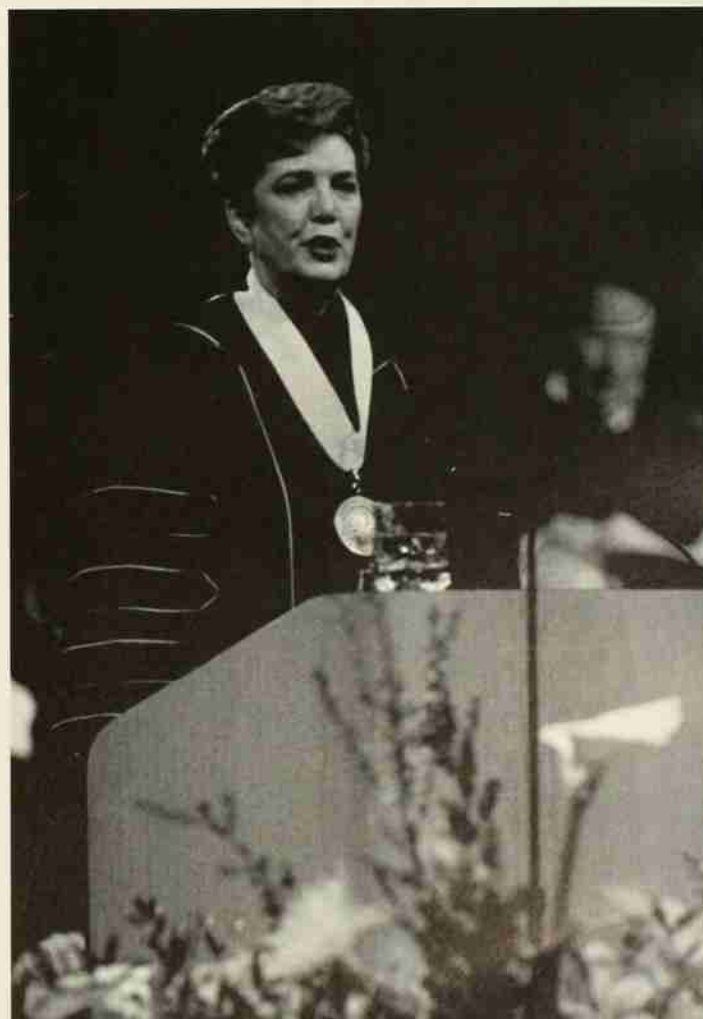
"A second imperative for UNC is that we redouble our commitment to the public schools," she said.

Broad's commitment to education is obvious from her career history. A Phi Beta Kappa graduate of Syracuse University, Broad became a part of its staff in 1971. She later joined the California State University system and was soon promoted to the executive vice chancellor of the nation's largest senior system of higher education.





Above:
 Right: Molly Broad speaks during her inauguration ceremony at NC State.
 Below: The great seal of the University of North Carolina schools.



Pride in the Pack

Even though NC State students come from all over North Carolina, the United States and the world, they are all linked together by a common thread - their love for the Wolfpack. It is this undying pride that they take in their school that has helped develop a number of traditions when it comes to enjoying the Wolfpack's success on the playing field.

We're the red and white
from State
and we know we are the
best.
A hand behind our back,
we can
take on all the rest.
Come over the hill
Caroline, Devils and
Deacs stand in line.
The red and white from
NC State
GO STATE!

Whether taking in a game at Carter-Finley or Reynolds Coliseum, one of the first things a fan sees is a packed house bathed in red and white. However, these weren't always the university's colors. These colors were adopted in 1895, replacing the old standards of pink and blue.

One of the finest traditions at NC State is the Wolfpack National Championship cheerleading team. The Pack cheerleaders last won the national title in 1991, giving NC State three championships. "Yell leaders" first appeared on the NC State sidelines around the turn of the century, but their cheers were a far cry from the vaults and pyramids the men and women in red and white now perform.

Another more recent innovation is the appearance of "Mr. and Mrs. Wuf" at all the team's games. The mascots are often seen cheering on NC State, greeting the Wolfpack's younger fans, harassing mascots for opposing schools and being "surfed" through the stands.

Prior to the emergence of Mr. Wuf in the 1970's, the cheerleaders used live wolves or almost anything else they could find. For one year, 1947, students operated a "robot" wolf at football games.





Stevens

Above: Fans decked out to cheer on the beloved Pack.

Right: Two young fans enjoy a game at Reynolds.

Below: Tailgating before football games is a favorite tradition of Wolfpack fans young and old.



Searle



Stevens



Stevens

One camper catches up on some class reading while waiting to get tickets to an N.C. State game.

Camping Out

Dedicated Wolfpack fans stand long days and nights of winter's bitter cold camped out along West Dunn Avenue, waiting for the ticket booth to open to receive tickets to popular State basketball games. During basketball season, the campers set up home base across the street from Reynolds Coliseum, often stretching down the street. These supporters of the Red and White are determined to get tickets, and good seats, to basketball games. Most important are the games against local rivals, Duke and Carolina.

Campers pass the time away throwing frisbees and footballs, playing cards and Gameboy, and some even take the time to do schoolwork. Seasoned campers have found ways to set up televisions in their temporary homes. Traditionally, the camp area begins to fill up two days before tickets are given out. Some extreme fans begin to set up their tents even sooner. Many enjoy the opportunity to spend time with their friends and to show off their school spirit.

After days of battling the cold and harsh sleeping conditions, fans walk through the doors of Reynolds on game night, tickets in hand, ready to cheer on their beloved Pack. Memories in hand, they can't wait for next season, and a chance to do it all over again.



Stevens

Friends pass the time watching the TV they have managed to set up in front of their tent.

One
camper
passes the
time play-
ing
Gameboy.

Tri Towers

When walking through Central Campus, perhaps the most noticeable trio of buildings is the Tri-Towers residence halls. These co-ed, suite style halls have come to be called "Tri-Towers" due to the three adjoining buildings of Metcalf, Carroll, and Bowen Residence Halls. Built in 1968, these halls are occupied mainly by co-ed, first year students.

Carroll is recognized as the first residence hall established for women on the campus of North Carolina State University. It is named for the first woman to be a matron of the infirmary. Today, it houses the Women With Voices program.

Central Campus is the focal point of student living on campus and the establishment of these first year residence halls gives newcomers to college a chance to fully experience residential life their first year away from home.

A new addition to the Tri-Towers next year will be air conditioning. University housing has been working hard to prepare for the installation of a new centralized air conditioning system that is slated to be completed before students move in for the Fall semester 1998.

Some advisors for first year college students also have their offices in these buildings on the lower floors.

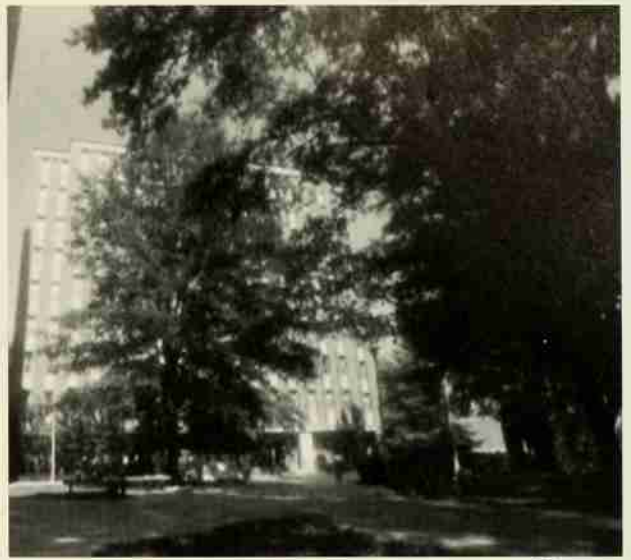
One of the greatest advantages of the Tri-towers is its position on campus and its proximity to many buildings. Tucker beach is also just a few steps from the doors of the Tri-Towers. Some say the biggest disadvantage is when the elevators are broken and students must climb the many floors of stairs to get to their room.

However, this small inconvenience is highly outweighed by the fact that students new to the college scene have a chance to live close to others who are going through they same new experiences and they can help each other out.





Stevens



Stevens

Above and Left: A view from the outside.

A student exits the Tri-Towers.



Stevens

Oktoberfest

What is the best way to celebrate Oktoberfest? With a bier stein in one hand, food in the other, singing, dancing and laughing with friends, you are sure to have a good time.



Hall

Although Oktoberfest has come to be a tradition that conjures images of German food, beer and dancing, the first Oktoberfest was a celebration of the wedding of Princess Theresa of Bavaria and Crown Prince Luitpold I. Held in Munich, Germany, in October 17, 1810, the wedding anniversary is celebrated every year, traditionally from the end of September until the first week of October. As Germans immigrated to the United States, they brought their tradition with them, in a much smaller form. However, some cities around the United States are trying to compete with the magnificent festivals Germans put on in their country.

try.

Munich, the site of the first Oktoberfest and host to the largest Oktoberfest every year, serves approximately 10 million pints of beer to its festival-goers. Beyond that, over 800,000 German sausages and bratwursts are consumed along with the over 700,000 roasted chickens.

In the United States, cities such as Cincinnati (which re-names itself "Zinzinnati" during this period), Denver, Poughkeepsie, New York and Amana, Iowa put on grand festivals of their own. Many vendors set up shop through the towns, selling German food and beer, while participants dance and sing near the musical stages.

Traditional beer for the Oktoberfest is similar to that which was made for the wedding of the Princess and Prince in October of 1810. This beer was a reddish-amber Marzen beer, that was usually brewed in the early part of the year and kept in cold barrels for 3 to 4 months before serving in the early fall. Today, beer at Oktoberfest is a bit lighter in color and alcoholic content. Traditional beers include Lowenbrau, Beck's, and Hofbrau, among others. American and Canadian companies have joined the festivities, creating their own style of Oktoberfest beer. These include Samuel Adams and Stoudt's.

In Raleigh, Cameron Village is the setting for Oktoberfest, and the area turns into a Germantown, full of vendors and entertainment, something for everyone to enjoy. There is music and dancing. People are dressed in costumes. You can find every type of beer. And there is every type of German food imaginable. Wursts, sausages, sauerkraut and onions, roasted chickens. What is the best way to celebrate Oktoberfest? With a bier stein in one hand, food in the other, singing, dancing, and laughing with friends, you are sure to have a good time.



A local couple gets dressed up for the event, and enjoy bratwurst at Oktoberfest.

Hall



Crowds pile in to take part in the German tradition of Oktoberfest, which has become a hometown tradition all its own.

Carolina Hurricanes



On June 16, 1997, the Carolina Hurricanes released their team logo and colors to an anxious crowd at the Raleigh Sheraton. Owner Peter Karmanos and general manager Jim Rutherford proudly presented North Carolinians with their first

NHL hockey team. Their colors are red and black, with the logo of a hurricane swirl and a hockey puck as the eye. Red, black and silver streaks surround the eye of the storm, creating a "C" for Carolina.

The old identity of the Carolina Hurricanes was the Hartford Whalers. They were moved from there as they were the lowest revenue generating team in the NHL, and league members decided something needed to be done about it. With the new sophisticated look of the logo, instead of the cartoon ones that many owners and managers are steering away from, Karmanos and Rutherford have high hopes for their new team.

The 1997-98 season proved hopeful for the Hurricanes, and in the coming year, they will be moving into the new sports area here in Raleigh, and sharing it with the NC State Wolfpack teams. Currently, the Carolina Hurricanes play in the Greensboro Coliseum Complex and in the current Raleigh Sports arena.

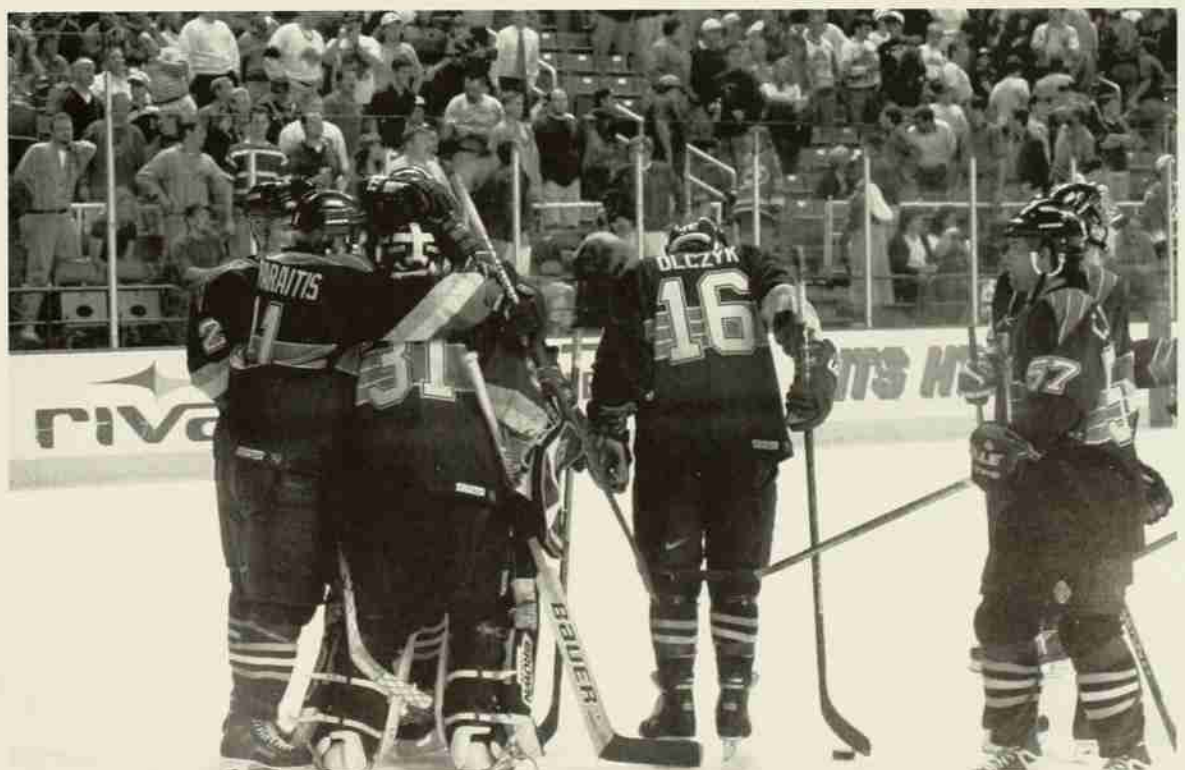
Paul Maurice is the current head coach of the Carolina Hurricanes as he has been since 1996. Prior to that, from 1995-96, he co-coached with Paul Holmgren.

The teams marketing strategy was to get out and meet the people and the town: to be everywhere, and be glad about being there. Many players did this at events such as Live after Five, giving away free autographed t-shirts, telling jokes, and loving every minute of it.

Since the Hurricanes have become a part of North Carolina's proud sporting tradition, Hurricane paraphernalia has popped up everywhere. Make sure to be a part of the action, and, as the song goes, to be "rocked like a hurricane."



Hurricanes battle it out against
the Pittsburgh Penguins.



Hurricanes cele-
brate after a goal
against the
Pittsburgh
Penguins.

A New Face for NC State

Put on your hard hats and "Let 'Em Work, Let 'Em Live."

Upon returning to classes, N.C. State students found a great deal of ongoing construction throughout campus - orange fencing and barricades have become common in certain areas. Many projects are being done for the benefit of students, including dorm renovations, a new health facility and various other endeavors.

One of the major projects is taking place around the Tri-Towers and West Campus dorms. Metcalf, Bowen, Carroll, Lee and Sullivan are all undergoing a two-year project to install air conditioning and new sprinkler systems. The project, which is on schedule, began in May and is expected to end in August of 1998.

"It's going very well," said Tim Luckadoo, director of housing.

While workers completed much of the installation over the summer, the ongoing construction around the dorms still creates problems for students.

"It really inconvenienced me when I was moving in, but I think it will be worth it once the work is done," said Anna Braswell, a freshman living in Metcalf.

According to Luckadoo, there may be closings of certain parts of the dorms in the future. The Sullivan computer lab may be relocated to Bragaw, mailboxes may move and other parts of these dorms may close for a short period of time as well.

After residents have "cooled off" with new air conditioning, they may have a shorter walk to Student Health Services.

The future sight of the new Student Health Services Building is another hot spot for construction on campus. While the facility is not expected to be an operational unit until the end of 1998, parking has become a concern since the disappearance of Harris Lot.

The armory shops next to Carmichael Gymnasium were torn down for additional parking. The lot will be paved sometime next semester. There is also construction on a new 300-car parking lot between Sullivan and Western Boulevard to be completed later this fall.

In addition to these major projects taking place, other work is being done to improve the NCSU campus. According to Charles Leffler, the associate vice-chancellor for facilities, there may be 300 to 400 projects going on at the same time.

"It's an ongoing effort," said Facility Construction Engineer, Judson Walton.

With all the work that is being done around campus, there is a much higher price to be paid than inconvenience. About one million dollars every week is spent on construction around campus. According to the director of NCSU's department of Facilities, Planning and Design, Miriam Tripp, more money needs to be spent on maintenance such as repairing roofs and piping systems.



James

by Kristen Sass



James

Right: Construction on campus often closed off roads as seen here.

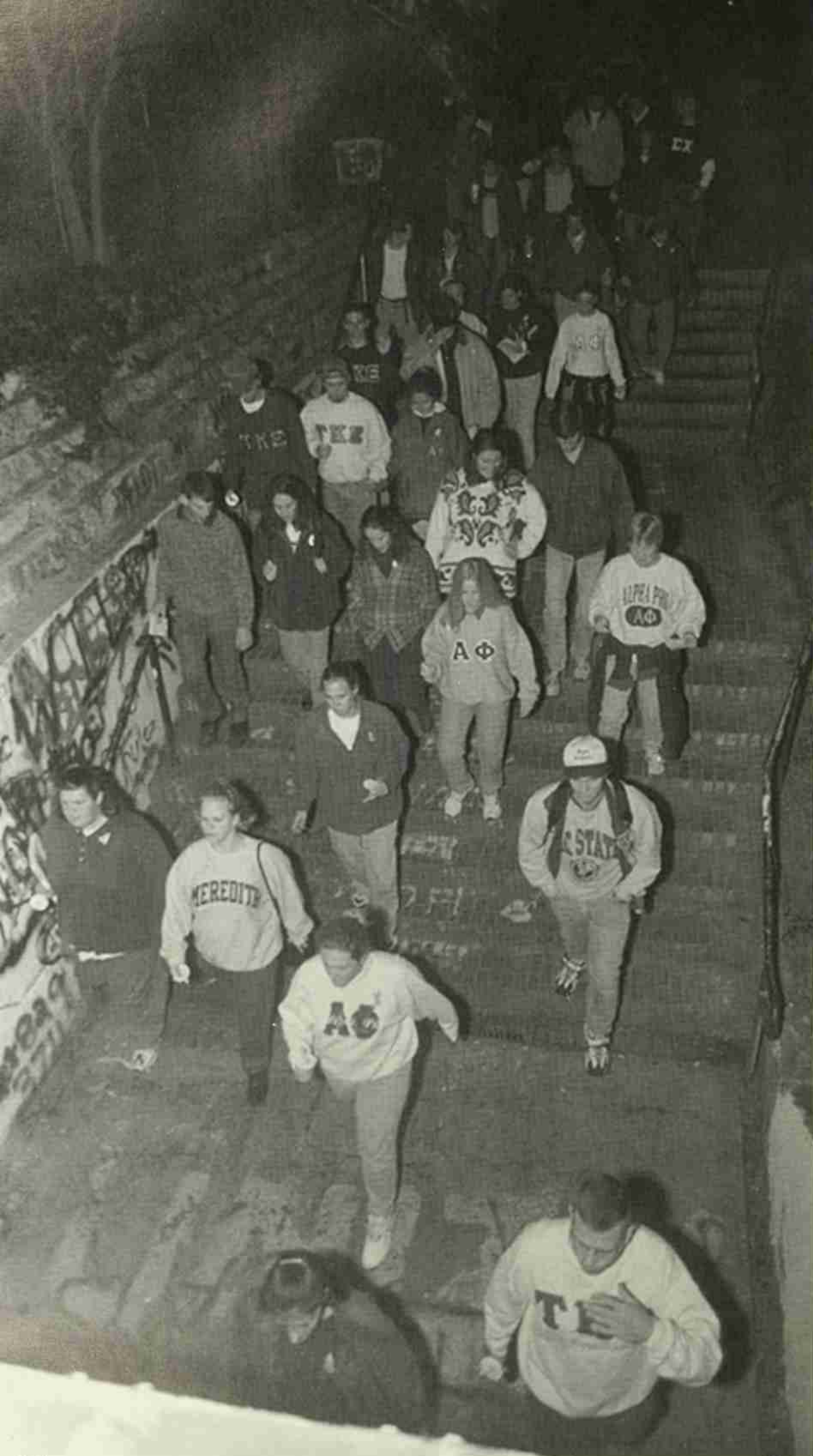
Above and Below: Just a few of the bricks that construction workers have been replacing in the brickyard, pathways, and in buildings.



Stevens



James



Attendees
of Take
Back the
Night
march
through the
Free
Expression
Tunnel.

During the candlelight vigil,
attendees listen
to speaker Lisa
Angel.



Take Back The Night

On Thursday, October 30, 1997, approximately 500 people gathered in attendance for the annual Take Back the Night march and vigil. The gathering, organized by REAL People, which stands for Rape Educators and Active Leaders, was the 10th annual march of its kind to occur at NC State.

The gathering is aimed at expressing support for those who have been raped or otherwise sexually attacked, educating the public about sexually driven crimes, and stimulating the process for change in the community with regards to attitudes and laws about sexual-related crimes.

The gathering occurred on campus in the Brickyard, between Harrelson Hall and DH Hill Library, after a march was made through campus. Introduction the the even was given by Lisa McCool, an NC State junior and the March Organizer. Musician Kathleen Hannan from "Inside Out" performed to the crowd and Lisa Angel from Interact gave a motivating speech. Ricky Livingston, the NC State student body president, also spoke, as did three women he introduced to read poetry.



Attendees of the event hold their candles high during the candlelight vigil.

Harvey

The candlelight vigil was lead by Patricia Hammond, the Educational Programming Chair for REAL people.

Many sponsors helped in the effort of 1997's Take Back the Night. They included the Women's Center, Student Government, various Sororities and Fraternities, CupAJoe, and APO.

A thank you goes to Patricia Hammond for her help in the information for this story.



Harvey



Hudson



Hudson



Riggsbee

Free Expression

The free expression tunnel connects the residential part of campus and the working part of campus. Railroad tracks run through NC State's campus, causing there to be a split the academic buildings on the north side and the residential buildings on the south side.

The main idea behind the establishment of the free expression tunnel was that it would deter students from spray painting and leaving student graffiti on other buildings. Most of NC State is made of red brick, and if ruined by spray painting, it would be very expensive to replace.

The faculty, and students, at State have come to like the Free Expression tunnel. The faculty like it because, for the most part, students keep their graffiti within the walls of the tunnel.

The students like it because they have a place to legally put their art or messages without having to be harassed or chased away. Students also like it because it gives them a way to get their message out.

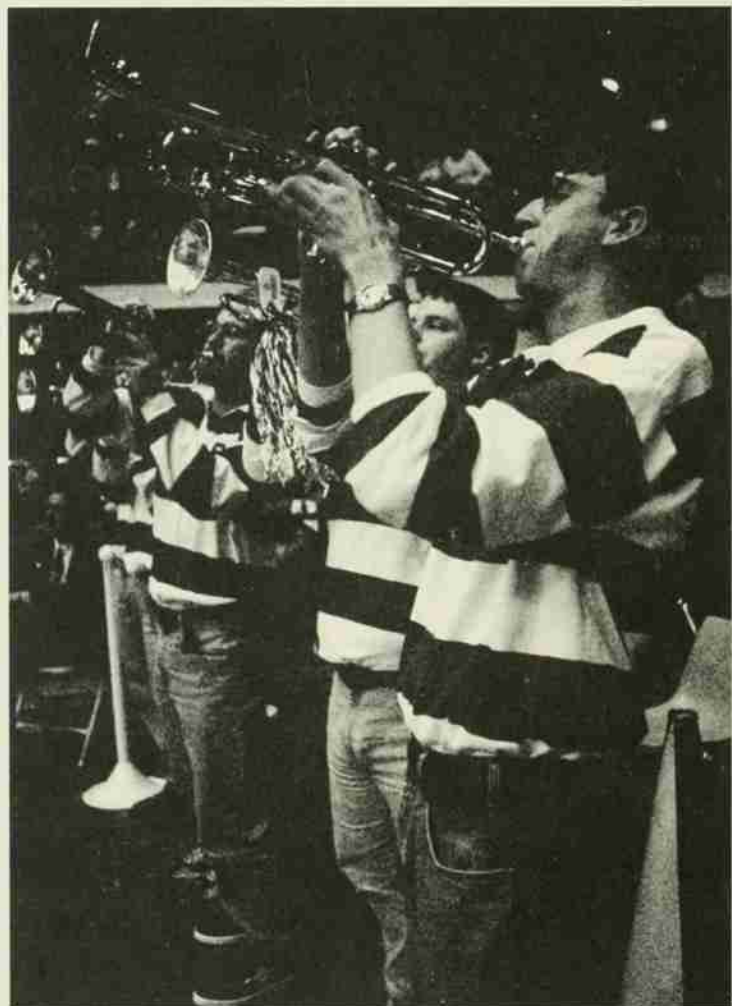
Almost everybody who passes through the free expression tunnel reads what is written on the walls, floors, ceilings, and even light fixtures. Therefore, putting an advertisement in the free expression tunnel is a sure-fire way to make sure that people know about what is going on.

Reaction to some "free expressions" are not always taken well though. It is not appropriate to put profanities on the wall or to write derogatory statements at a group of people. Many faculty members have raised the issue of students painting on the steps and entrance to the tunnel. A solution to this has been to put up signs that say where you can and cannot paint. For the most part, painters have been respectful of these wishes.

All in all, the free expression is a great way to get your message out, and to let the student body see what your artistic ability is like. And more than anything, it keeps the campus of NC State, almost, graffiti free.



Band members help add to the spirit at NC State games.



The band performs at an NC State home basketball game.

N.C State's Band

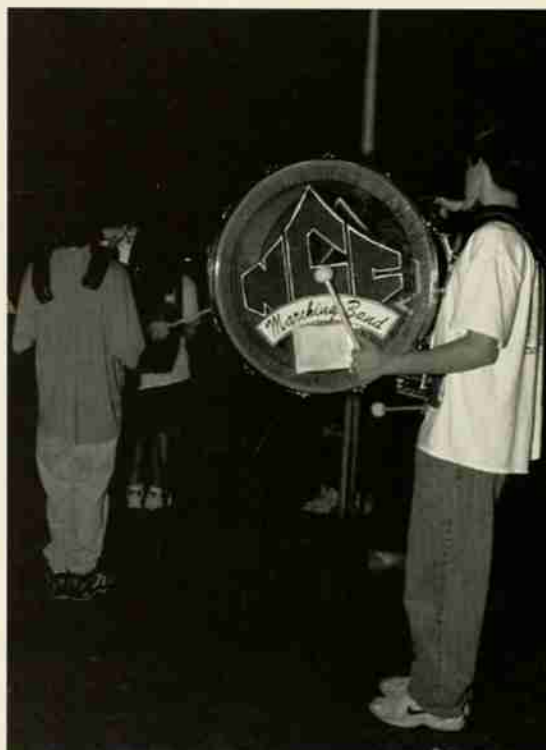
The cadence of ever so familiar songs blares through stadiums and coliseums due to the hard work and dedication band members give to supporting the Pack.

Nothing can get a crowd into full spirits like a band can. Loud music, the fight song, and the stream of red and white colors are all characteristic of NC State's bands. And not a single football or basketball game can pass without the strong presence of the band being seen and heard.

At football games, the marching band gets fans rowdy before the game by marching through the Village where many fans are throwing footballs and frisbees. Through the games, they can be heard as well as during their half-time performance where they are accompanied by the members of the dance team and the cheerleading squad. The team can also often be seen practicing outside of Price Music Center before games.

During basketball season, the Pep Band fills Reynolds Coliseum with the familiar sounds of NC State fight songs. Their stream of red and white shirts can be seen easily in the stands, as can many of the painted faces some members put on. Some of the musicians even decorate their instruments in NC State paraphernalia.

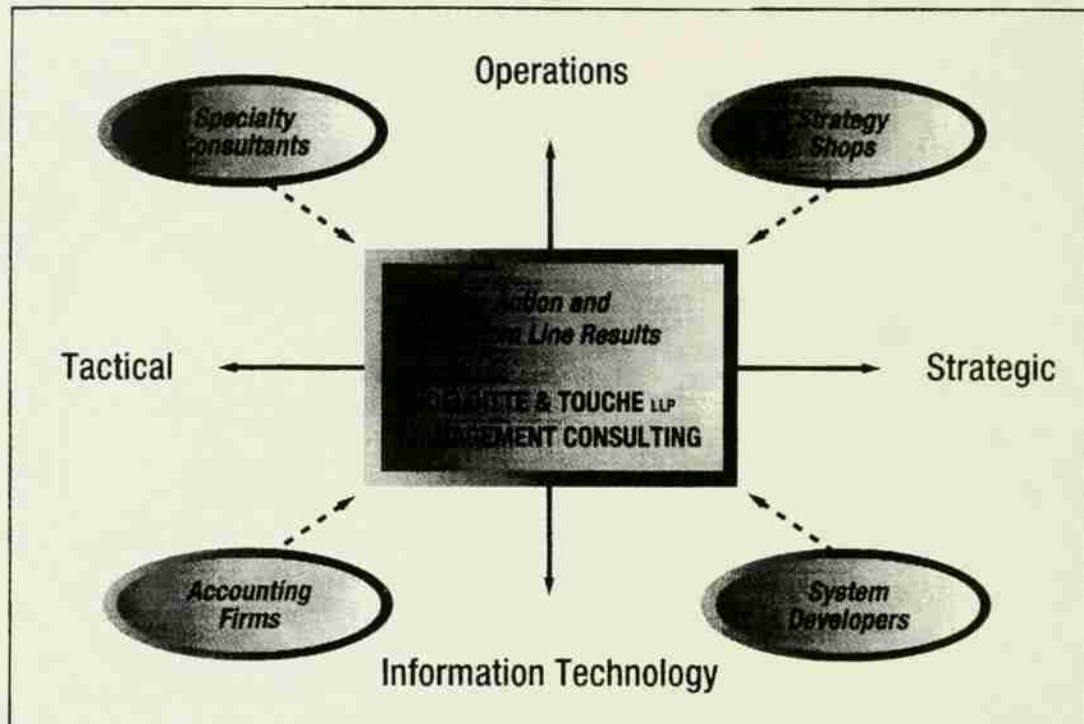
Without a band, games would be silent and there would be no way to unite the crowd. The cadence of ever so familiar songs blares through stadiums and coliseums do to the hard work and dedication band members give to supporting the Pack. And the reward for all of this? Often times being able to travel with the team when they go on away games!



Members of NC State's marching band practice for the next football

Harvey

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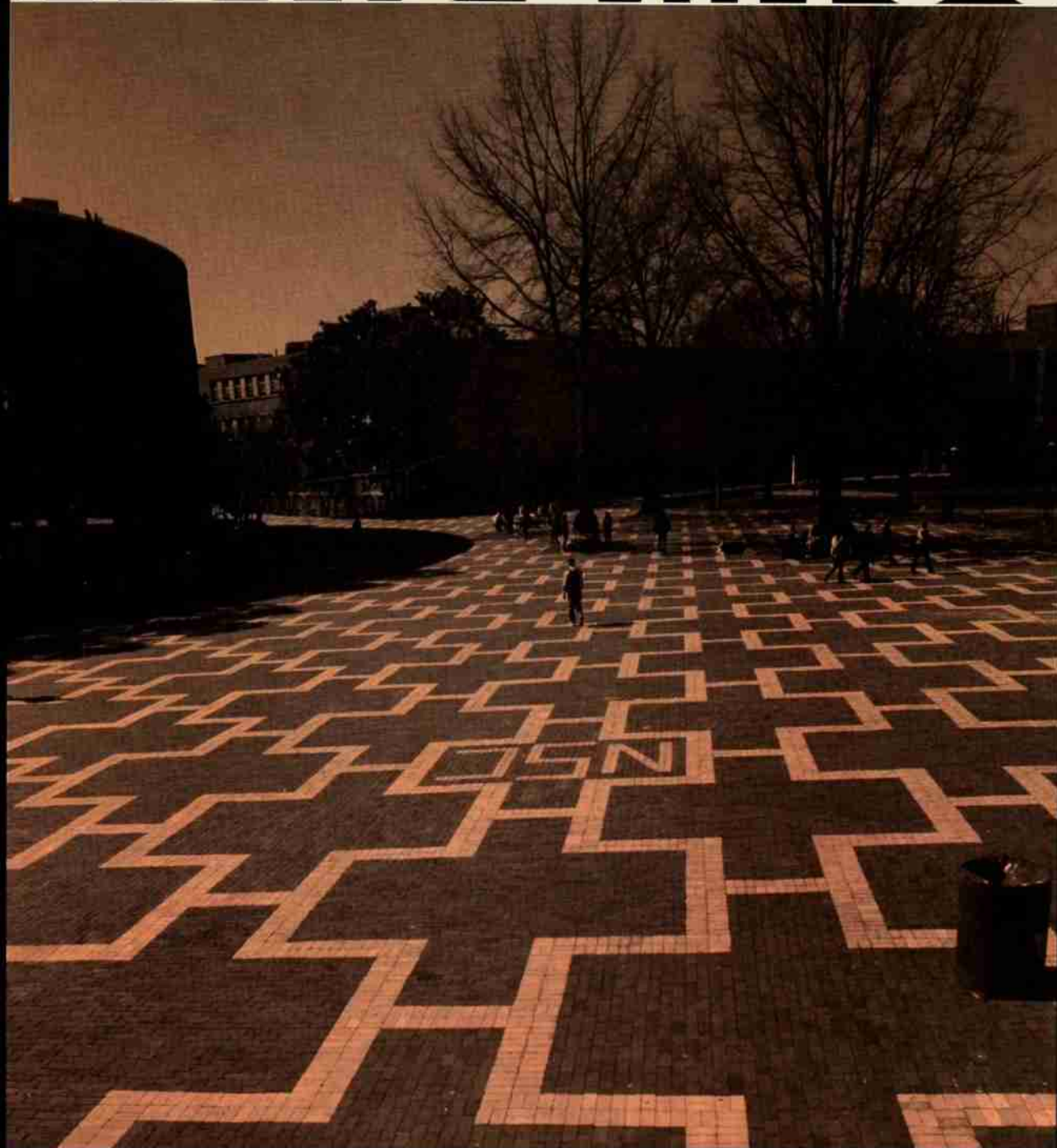
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ACADEMICS



Story by Lindsey Greene Photos by Jamie Stevens

Students create an electronic journal.

A new on-line journal brings together several disciplines across the NCSU campus to bring technology to middle schools.

Once again, NC State has pioneered an emerging technology.

This time, a wide array of disciplines has collaborated to create Meridian -- a middle school computer technology journal. Its goal, in the words of its editors, is "to introduce educators to the reality and possibilities of applying the latest technology and learning in the middle school classroom."

Through strong teamwork, Meridian has been developed by the minds of several disciplines across the campus. Curriculum & instruction, mathematics, science, technology education, psychology, computer science, graphic design and English are just a few of the fields from which its collaborators have come.

The journal has also received help from the University Attorney's Office and D.H. Hill Library.

Hands-on research, games, video hotlinks, book excerpts, and commentaries make the journal as interactive as possible.

Modeled after the Harvard Educational Review, Meridian is a pioneer in electronic publishing. It exists as an entirely student-run electronic journal. A review board comprised of graduate students from various fields meets

monthly to bring the journal together.

With the help of the University Attorney's Office, the journal has obtained copyright agreements and the library has helped arrange electronic publication and archival issues.

The first issue was published January 1, 1998. The second issue debuted in June. With a middle school planned for Centennial Campus, the initiative is geared close to home where the issues are ever present.

Another goal is to make the information and technology accessible. Since it is on the World Wide Web, teachers across the country can read Meridian for free. The integrated lessons that comprise Meridian draw from everyone's expertise.

Cheryl Mason, a social studies education major and editor of the Meridian, said, "The creative process the Meridian is going through is just as valuable as our end project. By collaborating together across the disciplines, we step into the electronic media."

Studies have been conducted showing how middle school students develop more and do better on school studies after integration with various disciplines have been introduced into the classroom. Meridian's origins take root in this very philosophy and will continue to do so.

The journal can be viewed on-line at <http://www.ncsu.edu/meridian>.



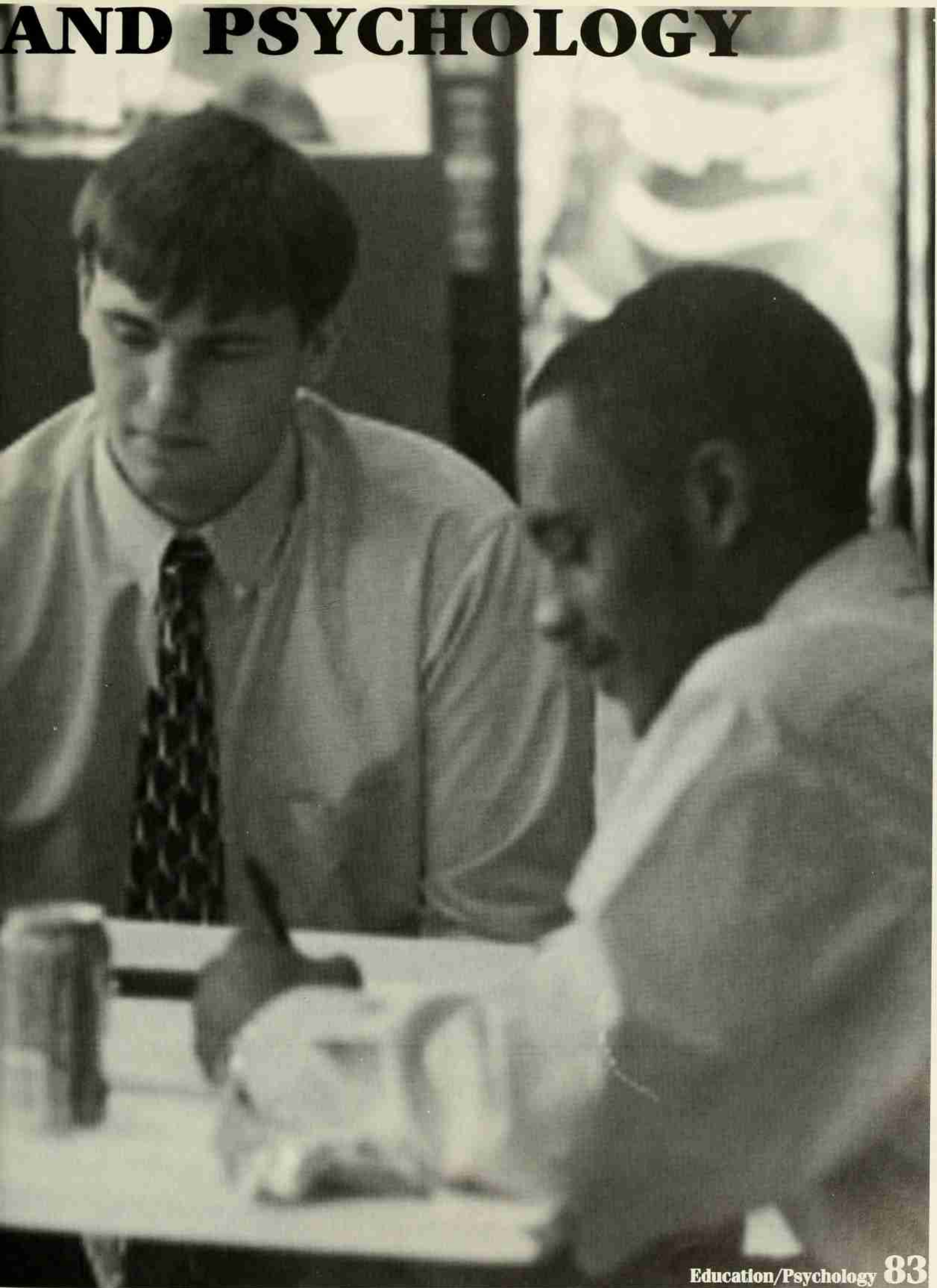
Dr. Joan J. Michael is very much aware of the role of the College of Education and Psychology in the next ten years. "For decades technology has created a skyrocketing change of pace in the world, but we have lagged behind in addressing human issues. Her goals will change this



Dean Joan J. Michael

The College of Education and Psychology is concerned with the problems of human development from both psychological and educational perspectives. With emphasis upon the preparation of middle grades, secondary and post-secondary teachers, counselors, supervisors, administrators and psychologist, the college sees students who are dedicated to the improvement of human beings through education and service and who are sensitive to the complexity of teaching and learning processes. The departments within the College offer both undergraduate and graduate degree programs in the diverse fields of education and psychology.

AND PSYCHOLOGY



AWARDS

CALDWELL HALL

POLITICAL SCIENCES AND
PUBLIC ADMINISTRATION

OFFICE OF THE DEAN
COLLEGE OF HUMANITIES
AND SOCIAL SCIENCES

OR ACHIEVEMENT

Education Council Outstanding Senior Awards:

Health Occupations Teacher Education:

Vickie Lynn Strang

Marketing Education for Teacher Education:

Deanna Jo Rivenbark

Mathematics Education (high school):

Michael John Clinkscales

Shannon Marie Umberger

Mathematics Education (middle school):

Christine Marie Floyd

Middle Grades Language Arts and Social Studies:

Amy Dofflemoyer Ehrhardt

Psychology (outstanding graduating senior):

Meja Trienne Johnson

Psychology (general option):

Carolyn Marie Conlee

Psychology (human resource development option):

Sara Marie Paris

Science Education (high school):

Christina Marie Heafner

Cynthia Dawn Riddle

Bonnie Marie Theobald

Science Education (middle school):

George David Ward III

Technology Education:

Andrew Paul Schnitzer

Departmental Awards

Durwin M. Hanson Achievement Award (Occupational Education):

Jeremy Bruce Johnson

Epsilon Pi Tau Leadership Award (Technology Education):

Charlene Michelle Yount

Outstanding Teaching Assistants:

Denise W. Rowell

Joe R. Busby

Mathematics Education Service Award to Outstanding Teacher:

Kathryn G. Hill, Athens Drive High School

Joan A. Thomas, Apex High School

Psychology Department Award for Academic Achievement:

Shari Rolfes Yocum

Psychology Department Award for Research:

Amy Deanne Powell

Science Education Service Award to Outstanding Teacher:

Suzanne Benjamin, Millbrook High School

Science Education Special Service Award:

Dr. Charles F. Lytle, NC State University

Robert H. Hamond Outstanding Student Achievement in

Graphic Communications Award:

Judd Stuart Whitehead

COLLEGE



OF FOREST RESOURCES

Story by Allison Ballard
Photos by Jamie Stevens

Larry Tombaugh, dean of the College of Forest Resources, has been elected to the executive committee of the National Agricultural Research, Extension, Education, and Economics Advisory Board. Tombaugh has been dean of the college since 1989.



Dean Larry W. Tombaugh

Mark Megalos of Cary, forestry extension specialist with the NC Cooperative Extension Service at NC State, has been named the 1997 Educator of the Year by the NC Forestry Association. In selecting Megalos for the honor, the association cited his long-term involvement in, and dedication to, youth-oriented forestry and environmental education across the state. Megalos, a doctoral candidate in the College of Forest Resources, serves as state coordinator for Project Learning Tree, a forestry-education outreach program that is used as a model by other forestry extension services worldwide.

Pine pollen is not to blame for aller-

gies. It's allergy season, and sufferers have the blooming trees and plants on campus to thank.

Springtime symptoms of a runny nose and watery, itchy eyes mean only one thing to dents like Josh Collins-- allergies.

Collins, a sophomore in botany, knows the pattern well. He experiences these symptoms "from the first bloom of anything until June or so."

"Anything that's starting to flower is starting to produce pollen," Robert Bardon, assistant professor of forestry and extension forestry specialist at NC State said.

Many people blame spring allergies on the pine pollen that coats cars and roads with a layer of yellow dust. However, pine pollen is not to blame for most people's allergies, according to Bardon.

"The smoothness of the pine pollen is one reason for this," Bardon said.

Under a microscope, pine pollen particles are smooth and have no spiny appendages.

"They look like Mickey Mouse," a sphere with two smooth attachments, Leigh Johnson, professor of botany and curator of NCSU's Herbarium, said.

The real culprits of spring allergies are broadleaf trees that flower in early spring, Bardon says.

Oak and birch pollen, when looked at under a microscope, is spiny, said Jennifer Floyd, assistant curator of the Herbarium.

The level of these pollens in the air correlates to the severity of the allergic reactions. A tree produces more pollen when it is under

stress. When a tree is competing with other trees for water and nutrients from the soil, it may produce more pollen as a reproductive strategy. Also, more pollen is in the air when the weather is windy or dry.

Ragweeds, which flower later in spring and early summer, also produce potent allergenic pollens.

Around 25 percent of the U.S. population experiences some allergic reaction to pollens or molds. The symptoms are caused by the immune system's response to these substances in the body.



Symptoms can range from mild to more severe, as with Collins. He has suffered from allergies since he was eight years old, often missing school as a result.

Now all Collins can do is take his medication and wait for the spring pollen season to end.

AWARDS FOR ACH

Forestry

Biltmore Forest Work Scholarship:

Christa Dagley
Everett C. Jenkins
Christopher Manus

James L. Goodwin Work Scholarship:

James W. Dodson, Jr.
Michael E. Elliott
Charles Hines
Andy "Mallie" Jenks
Jennifer L. Johnson
Ryan Keeter
Owen Miller
Christopher Smith
Boice E. Triplett
Jeremy West
Heather Williams

George K. Slocum Endowed Work Scholarship:

Heather Kendall

John M. & Sally Blalock Beard Academic Scholarship:

Jeremy S. Brinkley
Luke Thompson
Christopher Blanton

Ralph C. Bryant Academic Scholarship:

Wesley A. Ledford
Robert C. McClure

Edward F. Conger Academic Scholarship:

Kathy Messerschmidt

James L. Goodwin Forestry Summer Camp Scholarship:

Michael A. Berzinis
Jennifer L. Buzzard
Timothy M. Disclafani
James W. Dodson, Jr.
Alexander L. Johnson
Wesley A. Ledford
Shannon M. Mallison
Jennifer R. Miller
Matthew R. Needham
Leslie Newton
Jason A. Payne
Jeffrey L. Wait

R.B. & Irene Jordan Endowed Scholarship:

Andrew Bailey

Jonathan Wainhouse Memorial Academic Scholarship:

Charles C. McDougall
Norwood L. Webster

Duke Power Scholarship for Sustainable Forestry:

Alexander Johnson

Hofmann Forest Academic Scholarship:

Jonathan Barnes
Michael A. Berzinis
Adam Braaten
Jennifer L. Buzzard

Kyle Collins
Timothy M. Disclafani
Jason R. Flowers
Theresa L. Galinski
Heather D. Hargis
Travis Hughes
John W. Shields
Terese A. Suggs

Victor W. Herlevich Academic Scholarship:

Nancy B. Summers

Maki-Gemmer-Johnson Summer Camp Academic Scholarship:

Simon Rich

Squires Timber Company Industrial Scholarship:

Matt Wimberley

XI Sigma Pi Forestry Honor Society:

Christina M. Almeida
Brian Bridgeman
Jeremy S. Brinkley
Wendee Michelle Britt
Darin Burns
Jui-Chi Chen
Lucy Ann Cromer
Timothy M. Disclafani
James Williams Dodson, Jr.
David Drake
Todd Sanders Earnhardt
Valerie Suzanne Everette
Wilson Faquin
Jeremy Chandler Ferrell
Theresa Lynn Galinski
Aaron L. Gay
Travis W. Hughes
Scott M. Hyatt
Mallie Andrew Jenks
Alexander L. Johnson
Wesley A. Ledford
Charles C. McDougall
Jon M. O'Brien
Douglas S. Parker
Heather Marie Reilly
Mark A. Romagosa
Donna Belle Scheungrab
Archie Corbitt Simmons, Jr.
Anthony Snider
Jeffrey L. Wait

Parks, Recreation And Tourism Management

PRTM Scholarship:

David Neary Cernicek
Samantha Mitchell

Hoffman Forest Scholarship:

Elisabeth Bongala
Kristen M. Ghiloni
Jason N. Horner
Harold D. Wells
Jeanne-Marie Bua
Kelly M. Curtis

Joseph Shimel
David P. Sherrill

Phillip Fleming Scholarship:

Laura Bryson

XI Sigma Pi Honor Society:

Adrienne T. Bailey
Katherine M. Brame
Daniel Shane Brown
Laura A. Eddins
Brent Fogleman
Brooke E. Rudd
Jo-Anne Scoggins
Vanessa J. Van Wyck
Harold DeWayne Wells
Zarah Cheri Wetmore

Thomas J. Hines Endowed Scholarship:

Jennifer Zuckerman

R.B. & Irene Jordan Scholarship:

Ben Herrmann

Wood and Paper Science

Pulp and Paper Science

ABB Scholarship:

Christopher H. Alexander

Albany International Scholarship:

Glenn Jason Martin

Albright & Wilson Scholarship:

Nicholas Ryan Weaver

Alonzo Aldrich Scholarship:

Spencer F. Adams

Bill Cross Scholarship:

Natalie R. Thompson

Bowater/NCSU Alumni Scholarship:

Jeffrey Earl Jordan

Brown & Root Scholarship:

Jacob Bowlus

C. Cline Peters Scholarship:

Ryan Franklin Long

Caraustar Industries Scholarship:

Michael Scotti

Carol & Carter Fox Scholarship:

Andrew Haisten Linn

Cascades Industries Scholarship:

Terri Dorinda Lail

Charles N. Rogers Scholarship:

Jason Thomas Persinger

Charles W. Coker, Sr. Scholarship:

Angela Elizabeth Hylton

CIBA Corporation Scholarship:

Anthea Yen Chun Wu

Clariant Scholarship:

Brian Wells Jones

Class of 1966 Scholarship:

Samuel Craig Littlejohn

David Bossen Scholarship:

James Jason Boyd

Dietrich V. Asten Scholarship:

Miranda Renee Martin

EVENT

Dr. F. B. Schelhorn Scholarship:
Michael A. Will

Drs. Li-S. & Lee-F. Chang Scholarship:
Cory Hal Knox

Dwight J. Thomson Scholarship:
Derrick Bernard Callander

E. J. & Sue Brickhouse Scholarship:
Elizabeth Ashley Speller

E. J. "Woody" Rice Scholarship:
William Bradley Boyette

EKA Scholarship:
William Cephus Bragg

Eric Ellwood Scholarship:
Travis Dustin Lail

George E. Oakley Scholarship:
Andrew Lee Weller

Harold N. Kamine Scholarship:
Ryan Trigg Smith

Harry H. Saunders Scholarship:
Kerri G. Knight Shirley

Hazard H. & Ada May Scholarship:
Michael Brian Dowdy

Hercules Incorporated Scholarship:
Greg Bryan Gardner

Homer "Slick" Lusby Scholarship:
Derek Roy Morris

Hou-min Chang Scholarship:
Randall Olin Pittard

International Paper Scholarship:
E. Scott Tedder

IP/E.E. Ellis Scholarship:
George Brent Shorter

IP/NCSU Alumni Scholarship:
Cameron R. Morris

Julius Matthew Tedder

James M. Piette Scholarship:
Jason Allen Mayberry

James River Foundation Scholarship:
Kimberly Newman

James River Scholarship:
Robert Andrew Blythe

John A. Heitmann, III Scholarship:
Cynthia Camille Winston

John M. Mays, Jr. Scholarship:
Michael Alan Halstead

John Moore Scholarship:
Zachary O'Neal Guy

John R. Kennedy Scholarship:
Robert James Schutte

JW/Cecil Terry Scholarship:
Bryan Anthony Laney

Kirk Semke Scholarship:
Mary Beth Harris

Lawrence H. Camp Scholarship:
Lindsay Charlene Adkins

M. Leiby Boinset Scholarship:
John E. Thompson

Macmillan Bloedel Scholarship:
William M. Ponton

Mark J. Alexander Scholarship:
Justin Rice

Michael I. Sherman Scholarship:
Christina Gay Buchanan

Nalco Chemical Scholarship:
Joanna Beth Shapiro

PaperChase Scholarship:
Kyle Jeremy Moody

PIMA Dixie South Scholarship:
Alice Marie Lyons

PIMA Salesmen Society Scholarship:
Clint J. Kocik

PIMA-Southeast Scholarship:
Jeffrey Alan Goodwin

PPF Scholarship:
Christopher L. Swift

David Carroll Franklin

Erik Kyle Yarbrough

Jason Merrill Jones

Patricia Ann Poling

Robert McGuire Lowe

Shavoya Antwaun Underdue

Stuart Moore Kaylor

Tiffany L. Robinson

Tristen Paul Cheek

William Edgar Stallings

Procter & Gamble Scholarship:
Christine Schwartz

Ray Smith Scholarship:
Lanee Lauren Puckett

Rector/Ashcraft Scholarship:
Neil Patrick Caudill

Richard Owens Scholarship:
Troy Anthony Muro

Robert Carpenter Scholarship:
Chad Stafford Branch

Robert E. Mason Scholarship:
David Alan Bowen

Robert G. Hitchings Scholarship:
Marianne Rieg

Robert L. Bentley Scholarship:
Ashley Lauren Smith

Ronald Estridge Family Scholarship:
William Ashley Sparks

Scapa Group Scholarship:
Benjamin Richard Harley

Showlin Family Scholarship:
Elizabeth Ann Blackburn

Sonoco/NCSU Alumni Scholarship:
Cynthia Catherine Staton

St. Laurent/NCSU Alumni Scholarship:
Craig William Thompson

Stone Container Scholarship:
April Elise Cassano

Sture G. Olsson Scholarship:
Jonathan Edward Shorter

Sunds Defibrator Scholarship:
David Arthur Council

TAPPI/Envirochase Scholarship:
Alicia Nhu Uyen Pham

Terry Charbonnier Scholarship:
Lauren Kristen Hudson

Thiele Koolin Company Scholarship:
Richard Busbee Phillips

Tidewater Construction Scholarship:
Shannon Marie Bumgarner

Turner Family Scholarship:
James Christian Samp

Union Camp Scholarship:
John Ashby Morgan

Vinings Chemical Scholarship:
Brian Lowell Gustin

Virginia Fibre Scholarship:
Matthew Christian Quick

Weyerhaeuser Scholarship:
Lynette Dawn Griffin

Will P. Lovin Scholarship:
Jonathan Mark Chipley

William E. Caldwell Scholarship:
Christopher Nelson

William V. Cross/Nalco Scholarship:
Daniel Ashby Leach

Wood Products

Roy M. Carter Endowed Scholarship:
Casey B. Hearn

Thomas Forshaw, Jr. Endowed Scholarship:
W. Cole Stephens

R. B. & Irene Jordan Endowed Scholarship:
Gregory G. Lee

Pongpitak Wongdeethai

Lilly Industries, Inc. Endowed Scholarship:
Stephen M. LaFrance

Weyerhaeuser Company Scholarship:
C. Michelle Hedgecock

Scott A. Metheny

Toney Lumber Company Scholarship:
James E. Bailey

Jerry G. Williams & Sons, Inc. Scholarship:
Sampson E. Neumann

Lampe & Malphrus Scholarship:
Karen R. Knight

Coastal Lumber Company Scholarship:
J. Collins Fitts

Wood Machinery Manufacturers of America Scholarship:
Patrick J. Sweitzer

XI Sigma Pi Forestry Honor Society:
Alexis R. Anderson

James Earnest Bailey

Casey Bryan Hearn

Gregory G. Lee

Scott A. Metheny

COLLEGE OF ENGINEERING

Story by Allison Ballard

Photos by David Thompson and College of Engineering

State's robot gets gold medal. NC

State Electrical Engineering and Design Students work together to create Thumper, an assistant in the setup of lunar habitat models.

The work of NC State's engineering and design students may find its way to the moon.

In April, NCSU sent 11 members of the student team HELIOS -- Habitat Exploration

Leaders in Outer Space -- to the Space '98

Conference in Albuquerque, NM. In New Mexico, they faced other teams in competition designed by NASA to use remote-controlled vehicles to set up lunar habitat models.

The NCSU team was "the first team in six years to completely solve the mission from beginning to end," said Jason Janet, doctorate student in electrical and computer engineering and long-time advisor to the project.

HELIOS' robot, Thumper, off-loaded itself from a model lunar lander and then unloaded equipment needed to set up the habitats. It dragged the habitat module into position and placed the containment shield over it. Completing the last step, Thumper's front-end loaded filled with the containment shield with the sand. On the moon, lunar soil would provide insulation and radiation protection for astronauts living in the habitat.

HELIOS has been improving Thumper's design, building replacement parts, and working out problems as they arose since last fall. The students spent much of their free time working

on the project. However, it all paid off when HELIOS took first place at the competition.

"It was incredible," said John Colthar, a junior in electrical and computer engineering and one of Thumper's 'drivers'. "We had a lot of really good people working on the project. Everyone gave 100 percent."

It wasn't easy, though.

"We had stronger competition than we were expecting," Colthar said.

For much of the competition, HELIOS

was neck-in-neck with a team from Eastern Kentucky University, which took second place, Janet said.

Some problems arose during the second heat: Thumper's boom extension arm wasn't properly aligned. However, the NCSU team eventually won more points for completing the tasks in 37 minutes, just eight minutes short of the time limit.

With the help of design students on the team, HELIOS was also the only group to use computer animation in their presentation to the judges.

Trophies from the competition were presented to the deans of engineering and design schools.

Also, a NCSU banner with the team member's names will be taken to the moon when NASA undertakes the project of setting up lunar habitats, currently slated for 2010.

The annual spring engineering recruitment fair was held in the Jane S. McKimmon Center this year. Over 100 companies were represented and available for students to present resumes and learn about the job market opportunities. Student attendance was projected to be in the thousands.



Dean Nino A. Masnari

General Motors Corporation has pledged \$400,000 to support new educational programs and renovations to laboratories in the the department of industrial engineering. Gerald T. Meier, director of manufacturing systems for General Motors Delphi Chassis Systems, presented a ceremonial check to Stephen Roberts, professor and head of the department of industrial engineering, Dean of Engineering Nino Masnari, and Chancellor Larry Monteith at a luncheon held earlier this year. Meier is a 1963 NCSU industrial engineering alumnus.



AWARDS

NC STATE ENG

TAUBER

OR ACHIEVEMENT

Engineering Award for Scholarly Achievement:

Robert M. Soule

Engineering Senior Award for Citizenship & Service:

Arun Manikumar

Engineering Senior Award for Leadership:

Jamie C. Byrum

Engineering Senior Award for Humanities:

Heather A. Philp

Aerospace Engineering

Senior Award for Scholarly Achievement:

Jason R. Zumstein

Senior Award for Leadership:

Melissa L. Cifaldi

Benjamin Franklin Scholar:

Scott R. Starin

United Technologies Scholarship:

Jason R. Zumstein

Senior Project Award:

Angelia D. Dillingham

Biological and Agricultural Engineering

Agri-Life Council Outstanding Club Member for Biological and Agricultural Engineering:

Engineering Curriculum:

James W. Howard

Technology Curriculum:

James L. Millard

Chemical Engineering

Benjamin Franklin Scholarship:

Amanda P. Langenbach

Charles S. Mitchell Memorial Scholarship:

Audrea Asdel

Henry B. & Virginia T. Smith Scholarship:

Audrea Asdel

Sidney F. Maurey Scholarship:

Christopher B. Arthur

Forest O. & Sandra Mixon/RTI Scholarship:

Bradley P. Cozart

Civil Engineering

Senior Award for Scholarly Achievement:

David B. Smith

Eisenhower Transportation Fellowship/USDOT:

Michael E. Bienvenu

Associated General Contractors Outstanding Senior in Construction Award:

James Richard Chandler

Stephen Safran/PCEA-Triangle Chapter Student Estimators Award:

Wesley A. Weaver

Outstanding Teaching Assistants Award:

David W. Parish

Glen A. Malpass

Computer Science

Scholarly Achievement:

Leland J. Morrison

Humanities:

Heather A. Philp

Citizenship and Service:

John F. Ganaway, III

Electrical and Computer Engineering

Outstanding Electrical Engineering Senior Award:

Anthony M. Jones

Outstanding Computer Engineering Senior Award:

Erik Nystrom

Outstanding Electrical and Computer Engineering Senior Award:

Cindy Young

College of Engineering Outstanding Senior Nominees:

Humanities:

Chad Watson

Citizenship and Service:

Arun Manikumar

Scholarly Achievement:

Robert Soule

Leadership:

Jamie Byrum

Faculty Senior Scholar:

Jamie Byrum

Materials Science and Engineering

A. Odell Leonard Scholarship:

Scott D. Burkhart

ALCOA Foundation Scholarship:

Andrew J. Darlak

Derek Lundberg

NSF Engineering Research Center for Advanced Electronic Materials Processing:

Research Scholar:

Andrew J. Darlak

Daniel C. Driscoll

Derek Lundberg

National Honor Society of Phi Kappa Phi:

Andrew J. Darlak

Mason Reed

Society of Plastic Engineers Senior Scholarship:

Daniel C. Driscoll

L. P. Doshi Scholarship:

Donovan N. Leonard

United Technologies Inc. Scholarship:

Derek Lundberg

Goodrum Scholarship:

Mason Reed

Nuclear Engineering

Outstanding Senior Award:

Charles W. Stroupe

Duke Power Leadership Award:

Chad J. Boyer

COLLEGE OF PHYSICAL &



MATHEMATICAL SCIENCES

Story by College of PAMS Photos by Dan Riggsbee

The College of Physical and Mathematical Sciences offers programs for students whose interests lie in the basic as well as the applied science and mathematical areas. Graduates of the College are in demand and valued for their well-developed analytical thinking and problem solving



Dean Jerry L. Whitten

PAMS demonstrates its commitment to community outreach through its Science House on the NC State Centennial campus. The Science House offers programs for K-12 students and teachers to enhance their understanding of, appreciation for, and involvement in mathematics and the sciences. Through a variety of student activities, school demonstration programs, teacher training workshops, and innovative school laboratory equipment loan projects, The Science House annually reaches over 600 teachers and 20,000 students in 40 school systems. The Science House in Raleigh includes classrooms, laboratories, a computer teaching laboratory, resource rooms, and offices.

This year PAMS announced the Student Research Exploration and Precollege Outreach Program, funded by a grant from the Howard Hughes Medical Institute. Dr. Charles Lytle, Professor of Zoology and Coordinator of Biology Outreach Programs is the Program Director. Dr. Lytle and Dr. David Haase, Professor of Physics and Director of The Science House are Co-Principal Investigators for the grant. Ms. Judy Powell is the project coordinator.

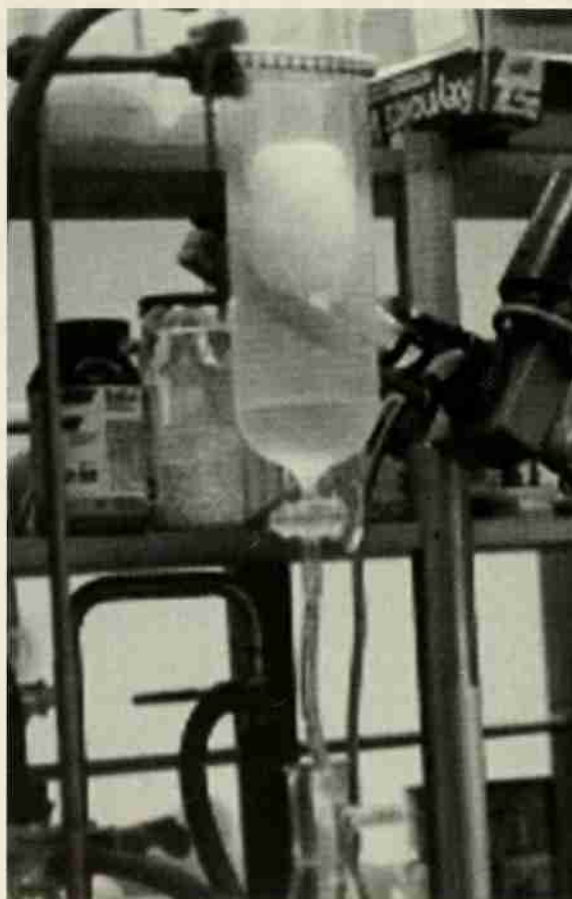
The program's goal is to enrich and broaden the science education and to provide research experiences for a diverse population of students from grade 7 through the senior university year, to provide training and support for science teachers in schools across North Carolina, and to encourage more participation of women and minorities in science classes and in science careers.

The program has two major components: (1) A Pre-college Outreach Program directed by Dr. David G. Haase, Professor of Physics and Director of the Science House, and (2) A Student Research Exploration Program directed by Dr. Charles F. Lytle.

58 grants were made from 191 proposals for this institute program. NC State was awarded \$1.4 million for a period of 4 years, beginning September 1, 1998.

This is the second Howard Hughes

Medical Institute grant received by the university. Many of the components of this program build upon the success of the first and on many years' experience in assisting schools and teachers across the state. The first Howard Hughes Medical Institute grant was awarded in 1992 and included several components including a substantial pre-college outreach program co-directed by Drs. Lytle and Haase. This outreach effort focused on support to schools and teachers in rural and economically disadvantaged areas of the state.



This first grant also provided support for undergraduate science class enhancement and undergraduate research participation. The pre-college outreach portion provided summer training for science teachers in technology and laboratory techniques, loans of computers and laboratory equipment, and continuing teacher support to facilitate inquiry based science classes.

Many of the teachers participating in this earlier program are now teacher-leaders who are changing how science is

taught not only in their own schools, but also often training teachers from other schools or school systems. Most of the schools in this first program now have well equipped modern science laboratory facilities obtained with the guidance and assistance of NCSU personnel.

AWARDS FOR ACHI

College Awards to Outstanding Seniors:

Intellectual Breadth:

Scott R. Starin

Scholarly Achievement:

Fall 1997:

My-Nga Nguyen

Karen Jean Johnson Miller

Spring 1998:

John David Storey

Leadership:

Fall 1997:

Benjamin Ross Travis

Spring 1998:

Ann-Catherin Nordbo Simpson

Research:

Fall 1997:

Jennifer Lyn Netherton

Spring 1998:

Jeremy Lee Moore

Christopher Ryan Vinroot

Chemistry Department

AICF-American Institute of Chemists Foundation 1998

Student Award:

Juan Alphonso McKenzie

Andrew Martin Dattelbaum

Hyoyoung Lee

CRC Press Freshman Award:

Jason Griffith Ho

Merck Index Award:

Hans Petter Bernhard

Christopher Brian Rawls

Charles Sellers Nickerson

1998 Undergraduate Award in Analytical Chemistry:

Joseph Ivan Wirgau

Scholarly Achievement:

Emily Michelle Talton

Research:

Kermit Timothy McElroy

Hypercube Scholar 1997:

Stephen Henry Oliver Wolfe

Hypercube Scholar 1998:

Michael Nelson Weaver

Marine Earth & Atmospheric Sciences

Outstanding Graduating Senior in Geology:

Nancy Giese

Outstanding Graduating Senior in Meteorology:

Robert Steenburgh

Van Smith

Outstanding Graduating Seniors in Marine Science:

Allyson Jason

Edie Solomon

Outstanding Teaching Assistant Awards in Earth Science:

Walter Haven

Rama Rani

Atmospheric Science:

Sharon Baker

Marine Science:

G. Todd Kellison

VEMENT

Mathematics Department

Outstanding Graduating Seniors in Mathematics:

Bernard Philip Bowling IV
John David Storey
Christopher Ryan Vinroot

John Cell Scholarship:

Dustin Frederick Kapraun

Mary Alice & Hubert V. Park Scholarship:

Lea Angela Truman
Owen John Eslinger

Jack Levine-Charles Anderson Award:

Patrick Francis Barrow

Charles Anderson Scholarship:

Chae Min Ko

Mrs. Roberts C. Bullock Scholarship:

Robert Theodore Daland

Dr. Rebecca R. Bullock Scholarship:

John Wesley Cain

Howard A. Petrea Scholarship:

John David Storey

Carey Mumford Scholarship:

Luke Robinson-Thomas Meyer

The Maltbie Award:

Christopher Mark Lyerly
George William Yankosky

Lowell S. Winton/Nicholas J. Rose Scholarship:

David Malone Chan
Tony Doungho

Outstanding Teaching Assistant Awards:

Peter Hillel Berman
Kimberly Jean Drake
Grant Hargett
Archimedes J. Kyrillidis
Seth Houston McElvaney
Gerald Arthur Seaton
Robert Edward Wieman

Physics Department

Physics Leadership Award:

Scott Starin

Physics Scholarly Achievement Award:

Sukanya Chakrabarti

Physics Service Award:

Nicole Morgan

Nancy Chung Freshman Scholarship:

Joel Koerwer

1997-98 Freshman Physics Studentships:

Nicholas Stoute
Patrick Withem

PAMS Goudes Scholarship:

Grant Palmquist

Statistics Department

Outstanding Graduating Senior in Statistics:

Haiyan (Helen) Long
Julie Elizabeth Simmons

F. E. McVay Scholarships:

Daric Richard Harrington
Audrey Michelle Rogers
Lisa Ann Cason
Jason Andrew Grissom

SAS Institute Scholarship:

Brian James Copeland (Freshman)
Audrey Michelle Rogers (Sophomore)
Mark Fletcher Austin (Junior)
Haiyan (Helen) Long (Senior)

COLLEGE OF HUMANITIES

Story by Lindsey Greene
Photos by Jamie Stevens

NCSU professor answers questions on the web.

World-renowned paleontologist shares his knowledge on-line.

There is now an internet address that gives you the opportunity to satiate all of your dinosaur questions.

During the month of September, going on-line provided an opportunity to experiment with Encarta Home Schoolhouse's interactive question-and-answer forum where the featured expert is Dale Russell.

Russell is a member of NC State's faculty and is a world renowned paleontologist.

However, this is one schoolhouse that may not feel like school to many who attend. There are opportunities to submit questions and to read old queries that remain posted. The site is arranged clearly and links to many other interesting web sites.

Dinosaurs were the featured topic during September, but a general information menu lets you discover encyclopedia entries on topics that encompass the Cenozoic Era, Charles Darwin, Geophysics, Human Evolution, and the Ice Age. This site even features quizzes and a teacher's lounge for instructors.

The resource remains as clear in exploring other broad science topics such as the Earth and environmental concerns.



Russell has taught his class, "The Dinosaurian World," at NCSU for the last two years and will offer it again in the future. The class explores the ecology of dinosaurs, Earth history, plate tectonics, paleoclimatology, and mass extinction.

"The public has an insatiable appetite for information about dinosaurs," Russell said.

Through his classroom instruction or the interactive web site, Russell is committed to giving us the information our appetite demands.

With a faculty of over 400 close to 3,000 undergraduate students and 500 graduate students, CHASS is one of the largest colleges, offering a wide range of major and minor programs of study. CHASS serves business, industry, government, public education, and the individual citizens of the state through numerous extension and research activities.



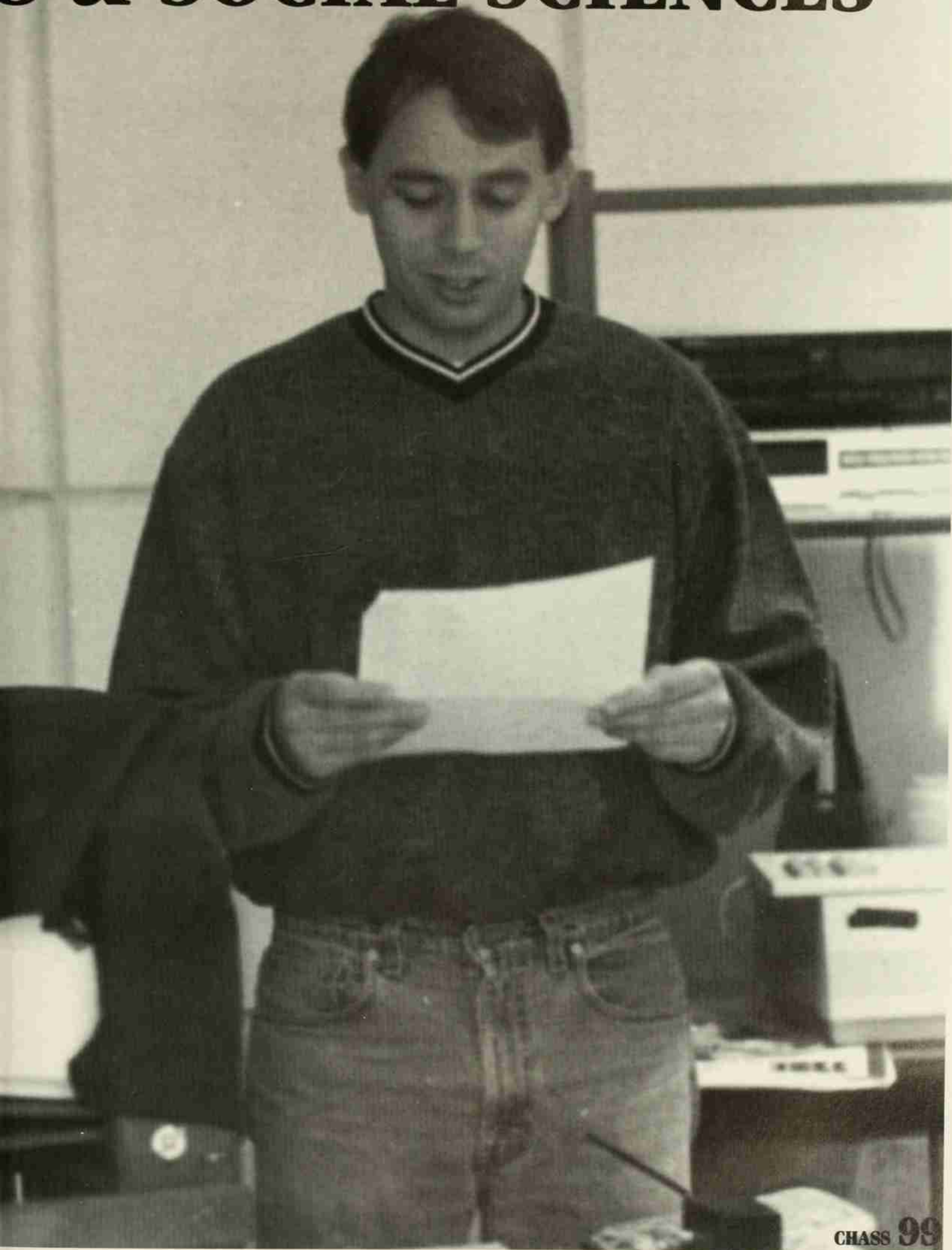
Dean Margaret A. Zahn

Beginning in January, 15-20 students from NCSU and other US universities had the opportunity to spend the spring semester at Jawaharlal Nehru University in New Delhi. The program was designed by director Afroz Taj, for foreign languages and literatures.

The curriculum includes six credits of intensive Hindi language instruction and three credits each in the religions, history and fine arts of India.

The cost to students is less than \$5,000.

S & SOCIAL SCIENCES



AWARDS



FOR ACHIEVEMENT

College of Humanities and Social Sciences:

Kyler Austin England

Department of Communication:

Karen Dana MacKethan

Department of English:

Jennifer Lynn McDade

Department of Foreign Languages and Literatures:

Elizabeth Kathryn Hunt

Department of History:

Chaffee William Viets

Division of Multidisciplinary Studies:

Kyler Austin England

Social Work:

Cheryl Christine Henschel

Department of Philosophy and Religion:

Sukanya Chakrabarti

Department of Political Science and Public Administration:

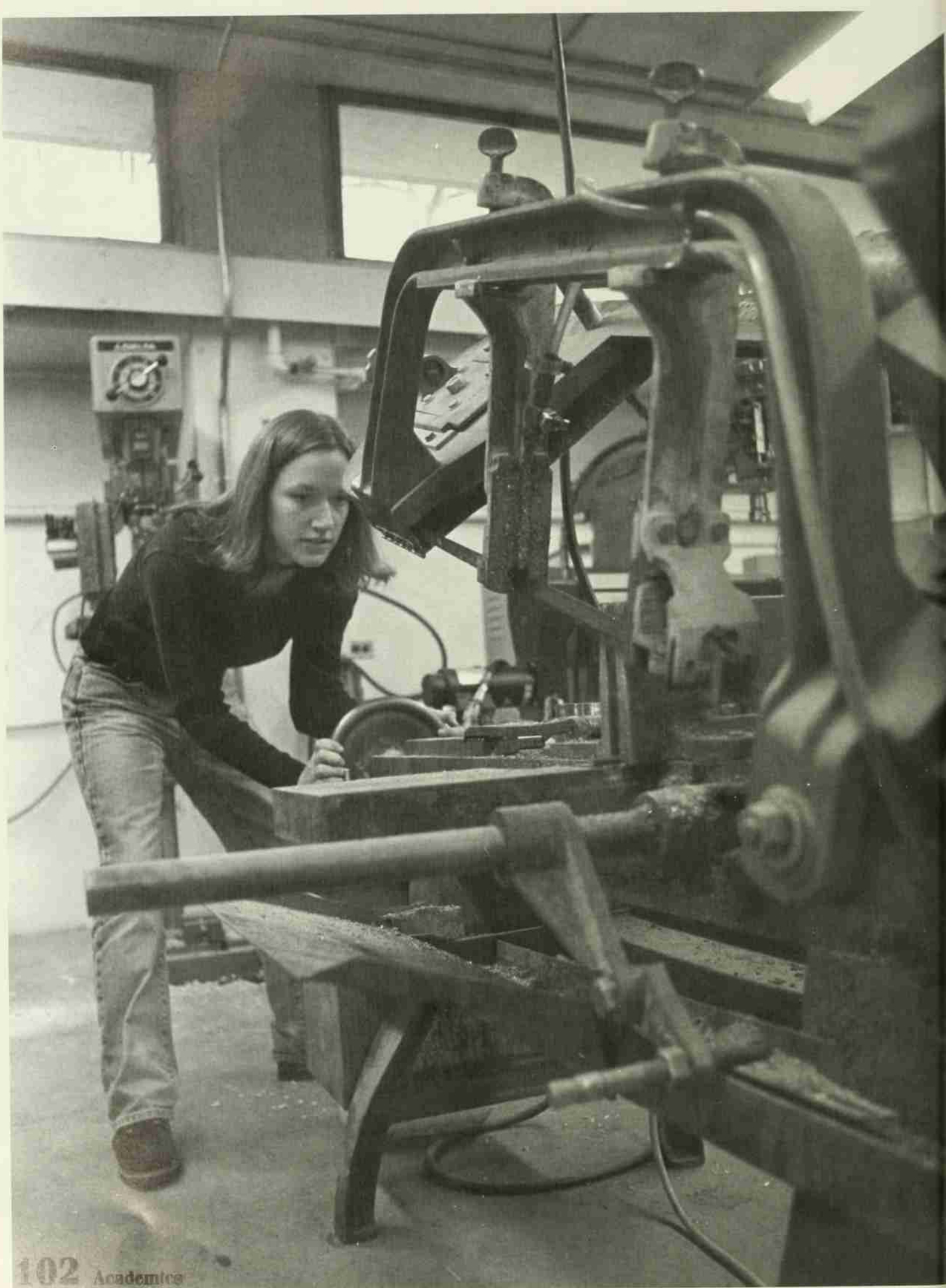
Lindsay Diane McCaskill

Department of Sociology and Anthropology:

Mary Catherine Pollard

CHASS Council Outstanding Senior:

Carrie Anne Polhamus



SCHOOL OF DESIGN

Story by Kelly Marks
Photos by Martha Harvey

Dean Marvin Malecha's office announced the appointment of two department heads. Andrew Blauvelt, an associate professor, is now head of the department of graphic design. Fatih A. Rifki, an associate professor, is the new head of the department of architecture.



Dean Marvin J. Malecha

NC State students were recently placed in the shoes of the disabled as part of a seminar to introduce them to those special needs.

Since 1975, the School of Design has introduced its sophomores during the spring semester to the obstacles people with disabilities face, through a program known across the country as the "Sight, Sound, and Motion Workshop."

This is an experience that happens so students become sensitive to these barriers," John Tector, associate dean of undergraduate studies said. They need to know they are the problem. They are the future in architecture."

Design School celebrates 50 years.

Tucked away on East Campus somewhere over near the Court of Carolinas, down the road from Poe and past the Riddick parking lot, lies the School of Design. A lot of people don't know much about it. Sure, there are occasional horror stories about students locked in studios until four in the morning, and some people might recognize it as "that place with all the weirdly named buildings," but generally, the school and its inhabitants go unnoticed, busily churning out ideas within Brooks' columned confines.

But creativity cannot be contained. And the School of Design loves a good party. Thus, in honor of its 50th anniversary, the school cut loose and hosted festivities from April 13 to 18.

Established in 1948, the School of Design originally had two academic components: the Department of Landscape Architecture, and the Department of Architecture. Under the guidance of its founder, Dean Henry L. Kamphoefner, (name-sake for one of those "weirdly named buildings" that make up the school), the school flourished.

It was a time of remarkable growth, with designers and theorists such as Buckminster Fuller, Matthew Nowicki, Lewis Mumford, and Edmund Catalano joining the faculty. A reputation for innovation and experimentation was established.

In the late 1950's the School of Design

added a third degree-granting unit, the Department of Product Design. Since then, the department has been expanded and then replaced by the current departments of graphic design, industrial design and art and design.

April marked 50 years of shaping the future of design for the school and celebrated five generations of distinguished alumni. It was observed with a week of conventions, lectures and performances, culminating in a final celebratory bash.



The week kicked off with the "Research in Design Education" conference at Centennial Campus from April 14 through April 17. The conference focused on 54 papers about design, with topics ranging from research on design pedagogy to the influence of research on design teaching to teaching programs linked to research.

Also on April 14, the school had the opening reception for its Faculty Art Exhibit at the North Carolina Museum of Art. There were also several student shows on display for the occasion. The first featured the products of a school-wide

charet held earlier in the semester. In January, every student within the school created an answer to the design topic, "Celebrating Fifty." Their creations could not exceed the dimensions of a one-foot cube and were then exhibited on a grid system.

The second exhibition was a juried show entitled "Into the Next Fifty." Students submitted works in a wide variety of mediums and displayed them in the Brooks Rotunda.

AWARDS

Architecture Awards

The American Institute of Architects Henry Adams Medal:

Randall Smith Lanou

The American Institute of Architects Henry Adams Certificate of Merit:

Christopher Todd Ford

Richard Green Award for Design Achievement:

Ian Sherrod Gordon

Architecture Faculty Award for Design Achievement:

Philip Joseph Lozier

Alpha Rho Chi Medal:

Elizabeth Anne Barnard

Golden Section Award:

Steven Ronald Raika

Technology Award:

Randall Smith Lanou

Design and Technology Awards

Art and Design

Design and Technology Faculty Book Award in Art and Design:

Jeana Eve Klein

Industrial Design Awards

Design and Technology Faculty Book Award in Industrial Design:

Marie Theresa Senecal

Design and Technology Graduate Faculty Book Award:

Jason Christopher Billig

Industrial Designers of America Student Merit Award:

Travis Christopher Baldwin

FOR ACHIEVEMENT



Graphic Design Awards

Graphic Design Faculty Book Awards (Graduate students):

Paul Anthony Brock
Pellie Sarah Lowe

Graphic Design Faculty Book Awards (Undergraduate students):

Matthew James Checkowski
Elizabeth Leigh Clawson

AIGA Medallion for Design Excellence:

Roy Butler Brooks

Landscape Architecture Awards

The American Society of Landscape Architects Certificate of Honor:

Elaine Burkel Walker
Michael Vaughn Holmes

Landscape Architecture Faculty Book Award:

Mary Gwyn Woltz

Landscape Architecture Faculty Honor Award:

Elaine Burkel Walker

Landscape Architecture Faculty Service Award:

Michael Vaughn Holmes

Meade Palmer Prize for Excellence in Planting Design:

Mary Louise Musson

Joseph Giovanni Roberto Disponzio Prize for Excellence in Landscape Architecture History:

Martha Jane Dees

Harry Porter Prize for Excellence in Site Planning:

Scott Christian Booger

Story by College of Management Photos by Yukchi Cheung

North Carolina State University is

charting new ground in graduate education with its Technology, Education and Commercialization Program (TEC). The only program of its kind in the United States, TEC joins graduate and post graduate students from business, engineering and science disciplines in a collaborative entrepreneurial education experience.

The program serves as a bridge between business and technology by providing the setting where engineers and scientists master essential business tools and entrepreneurial concepts, and where business graduates enhance their product development and technology management skills within a high tech context. In the fertile environment of a major research university, these cross functional TEC teams learn to identify and evaluate commercial prospects for university-based technologies, and to develop business plans to facilitate technology transfer.

The vision of NC State University's TEC program includes enhancing technical and management education, promoting economic development, linking with the business community, and developing an entrepreneurial culture.

The TEC program provides and innovative entrepreneurial experience for graduate students as well as providing a link to the business community for education and technology com-

mmercialization processes. In addition, TEC undertakes scholarly studies of graduate education and technology commercialization processes and supports university technology commercialization.

Through merging the expertise and experience of NC State's College of Engineering and College of Management and professionals from the industrial and venture communities, the interdisciplinary TEC Program bridges the gap

between technology and business. This innovative program is establishing the standards and methods for technology commercialization used in corporations, universities, and laboratories throughout the world.

Through one-year participation in the TEC Program, graduate and postgraduate students from business, engineering, science and other non-technical fields form interdisciplinary teams to screen, assess, and develop technologies and products for commercial applications.

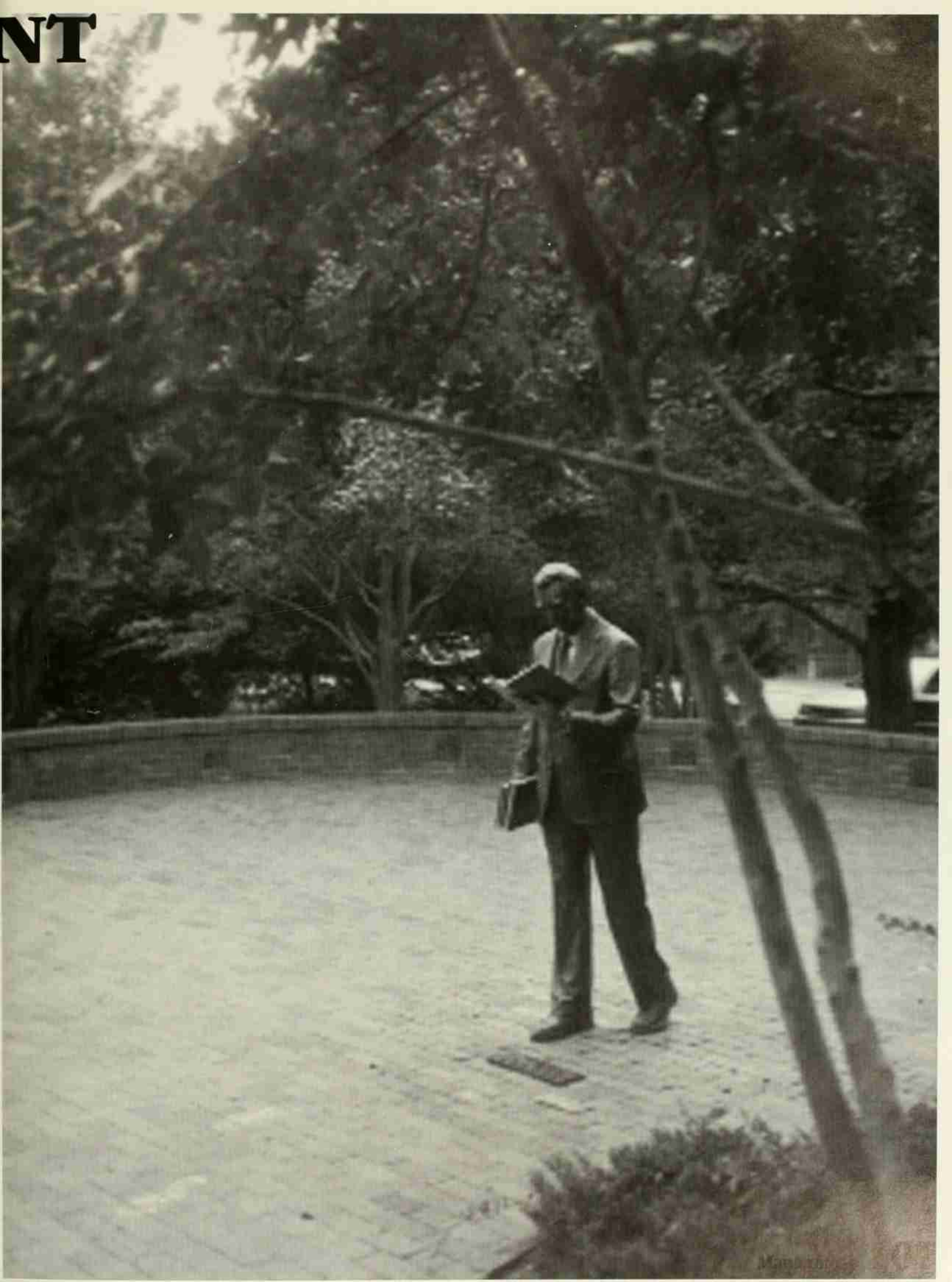
The program targets actual research projects or patented discoveries. Teams learn to apply a comprehensive process for screening and evaluating technology for its commercial applications. The teams must then formulate product concepts, consider technical, legal, financial issues, and product identification, manufacturing, and marketing strategies.

The mission of the College of Management is to provide the citizens of North Carolina high quality education in accounting, business management and economics; to produce distinguished research and publications; and to provide high quality executive education and outreach pro-



Dean Richard J. Lewis

Each year the College of Management encourages its students to participate in the NC State Team Challenge. The NC State Team Challenge teaches real skills that can be used immediately. Teambuilding, communication, and creative thinking skills will give the participating company or group the advantage to do business more effectively and efficiently. People of all shapes, sizes and ages go through the course. It is safe and not physically demanding. Participants can decide on their level of participation. The expert facilitators will tailor the course to fit the goals of the company or organization.



NT

AWARDS



FOR ACHIEVEMENT



High Ranking Seniors:

College of Management:

Fall 1997:

James Phillip Dorroll

Spring 1998:

Parul Arvind Jariwala

Department of Accounting:

Fall 1997:

Beth Franson Wells

Spring 1998:

Parul Arvind Jariwala

Department of Business Management:

Fall 1997:

James Phillip Dorroll

Spring 1998:

Amanda Susann Timmons

Department of Economics:

Fall 1997:

Randall Laurence Darrah

Spring 1998:

William Sutton Cherry III



Story by Danielle Stanfield

Photos by Jamie Stevens

Effective this year, Dean Durward Bateman retired from his position as dean of the College of Agriculture and Life Sciences. "I've been dean here eleven years and eight months; that's a pretty long tenure in a position of this type," Bateman said.



Dean James L. Oblinger

The National Oceanic and Atmospheric Administration, the parent agency of the National Weather Service, has awarded an NOAA Unit Citation to the NWS Forecast Office in Raleigh for outstanding applied research conducted in collaboration with faculty and students at NC State. The citation notes that meteorology research conducted jointly by the NWS and NCSU has resulted in 18 new or improved weather prediction tools that are now used by NWS forecasters. These tools have benefited the people of North Carolina with better forecasts and more accurate watches and warnings for the state's most critical forecast problems.

NCSU adds coastal research site.

NCSU sets up shop on Holden Beach to research seashore environment.

NC State graduate students, faculty and researchers in the College of Agriculture and Life Sciences will now have a chance to escape to the beach.

About 29.29 acres of land at Holden Beach, valued at \$1.375 million, were donated to CALS and the NC Sea Grant Program by the owners of Holden Beach Enterprise, in order to set up a coastal research facility.

According to a press release, the building, known as the Drew Griffin Environment Research Facility, was given as a legacy to Drew Griffin's commitment to ensuring environmental quality in Brunswick County.

The donation is perfect for NCSU and Holden Beach, according to Keith Oakley, executive director and fundraiser for CALS.

"There is more potential at Holden Beach because it has a combination of land and potential to sell part of the land to build a facility to have students," Oakley said.

For the Sea Grant College Program, an independent organization working with NCSU at the site, the land donation is an opportunity for hands-on experience.

"It means we have a place that can be developed for educational purposes," said Ronald Hodson, interim director of the program.

As an outreach effort, schoolteachers,

grade school children, 4-Hers and others will have an opportunity to gain insight into the salt-marsh setting.

According to the Director of CALS Research, Johnny Wynne, what makes this site special is the bio-diversity. "It is one of the most diverse areas in the state," he said.

Because of its diversity, NCSU researchers plan to document how the development around the area will effect the ecology. "We want to see the impact on the diversity of the flora and fauna,"

Wynne said.

During the beginning of July, Wynne hopes to have graduate students get a baseline survey of the plants and animals, map the elevation and record the types of soils in the area.

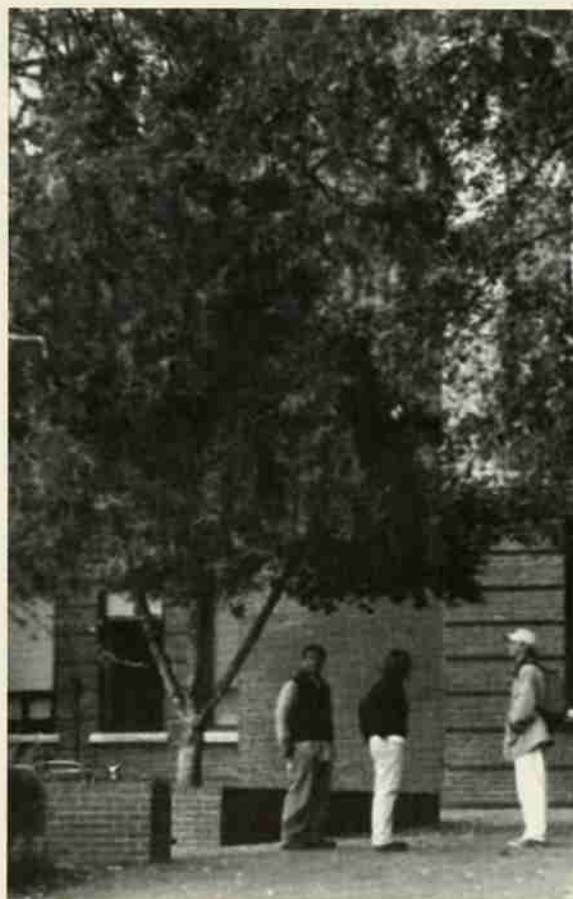
Together, both the Sea Grant program and NCSU will help Holden Beach make decisions relative to the community based on their scientific data, Oakley said.

One of those decisions includes an evaluation of water treatment and storm water run-off.

"Right now, Holden Beach doesn't have a septic system," Oakley said. "We need to

see how to treat their sewage and the impact it will have on the environment."

According to Hodson, research at the site will mean finding answers to many "wonders of the wetland." According to the press release, the land donation is one of the largest gifts so far in CALS' effort to raise \$15.45 million through NCSU's Campaign for Students. The release also said that the college has raised \$11.5 million toward the university's overall goal of \$80 million.



AWARDS FOR ACHIEVEMENT

Highest Ranking Scholars

David W. Grantham
Darsey C. MacPhail
Russell J. Norris
Dharti A. Patel
Jennifer J. Peterson
Lynn J. Rubin

Agri-Life Council Outstanding Club Member Awards

African American Science and Health Society:

Eula L. Teague

Agri-Business/National Agri-Marketing Association:

Brandon Lee Warren

Agricultural and Extension Education:

Robert J. Walls

Agronomy:

George H. Scott
Christopher T. Simms

Animal Science:

Heidi H. Friedlein

Biochemistry:

Charles P. Moon

Biological and Agricultural Engineering:

Engineering Curriculum:

James W. Howard

Technology Curriculum:

James L. Millard

Biology:

Paphaphone Thirakoune

Collegiate 4-H Club:

Helen E. Bustle

Food Science:

Heather Hickman

Horticultural Science:

Nicole L. Marshall

Jeffersonians Club:

Katherine E. Barger
Jason P. Burton

Patricia M. Festin
David W. Grantham
Clarence H. Moye
Hiromi N. Neutze
Elizabeth A. Smith
Paul H. Zigas

Poultry Science:

Steven M. Turner

Pre-Medical and Pre-Dental:

David Grantham

Pre-Veterinary:

Deborah A. Tobin

Wildlife Biology:

Daniel Tenney

Agricultural and Extension Education

Outstanding Senior:

Jeremy B. Johnson

Agricultural and Resource Economics

Outstanding Senior:

Tammara Leigh Cole

Scholastic Achievement:

Gregory Scott Butler

Wall Street Journal Student Achievement:

Petra Rijdes

Agronomy

Senior Highest Scholastic Average in the Agronomy Club:

Amy M. Mabery

American Society of Agronomy Award, Most Outstanding Senior:

George H. Scott

Agronomy Club Leadership Award:

Andrew W. Burleson

Crop and Soil Science Senior Highest Scholastic Average:

Amy M. Mabery

VEMENT

Animal Science

Most Outstanding Club Member:

Heidi H. Friedlein

Most Outstanding Senior:

Tonya R. Smith

Outstanding Senior in Animal Science:

Katherine E. Barger

Most Outstanding New Club Member:

Charles M. McCoy

American Society of Animal Science Undergraduate Awards:

Michelle L. Arrighi

Katherine E. Barger

Cortney C. Barkley

Mary C. Bond

Karen E. Burone

Rachael E. Eckert

Rebecca E. Ehrhardt

Sharon T. Finster

Derek M. Foster

Heidi H. Friedlein

Michael G. Gonda

Merritt A. Graham

William H. Hasskamp

Ralph L. House

Jennifer A. Huffman

Jonathan P. Jackson

Heather K. Jones

Carie A. Keller

Barbara K. Kirch

Adam L. Lane

Kristine J. Lang

Christina L. Law

Richard R. Luce

Laurie A. Lyon

Jessica L. Manzak

Omayra Montalvo

Jennifer G. Montgomery

James E. Mullen

Ethan C. Myers

Joanna C. Nelson

Jessica C. Pfohl

Jennifer C. Pickens

Amy J. Poole

Amy E. Poulin

Amy M. Reeves

Kristian S. Rhein

Loretta Pestau-Somogyi

Gretchen H. Thompson

Clarence W. Thompson

Alexis S. Vidaurri

Elizabeth A. Walkup

Lori K. White

John C. Wilkins

Stephanie M. Williamson

Meri F. Winchester

Kevin D. Woolard

Biochemistry

H. Robert Horton Award:

Todd Stephen Shatynski

Botany

Scholastic Achievement Award:

Ethan Victor Brown

Food Science

B.M. Newell Award:

Melissa Fenn

Forbes Leadership Award:

Staci McNair

ADM COCO Top Scholar Award:

Heather Hickman

Leonard & Francis Crouch Scholarship Achievement Award:

Mary Beauchamp

Horticultural Science

Outstanding Senior Horticulturist Award:

Edward Anthony Klutz

Microbiology

Most Outstanding Student:

Neil Patrick McCrory

Poultry Science

T.T. Brown Poultry Science Club Award:

Joseph G. Gaddy

Zoology

Zoology Senior Highest Scholastic Average:

Elizabeth Fronzaglia

COLLEGE OF TEXTILES

Story by College of Textiles Photos by Jamie Stevens

The College of Textiles at NCSU features a Model Manufacturing Facility that is unequaled anywhere in the world. The Model Manufacturing Facility incorporates all major steps of textile and apparel manufacturing processes from fiber extrusion to cutting and assembling of garments. The MMF is comprised of several different laboratories that offer unique opportunities for joint industry and academic research and is an integral part of the undergraduate program at the College of Textiles.

The Dyeing and Finishing Pilot Plant includes both sample and production size machinery. Capabilities exist in the areas of preparation, fiber, yarn fabric and garment dyeing, and chemical finishing. Arrangements can be made to use new drying technologies such as infrared, radio frequency or microwave, which are located in the Industrial Electrotechnology Laboratory.

The Long Staple Laboratory has equipment to make spun apparel yarns and carpet yarns from long staple manmade fibers or clean wool. Carpet yarns can be converted into carpet on our sample cut pile tufting machine.

The Knitting Laboratory was designed to fit the educational needs of our students and to conduct applied research. It features state-of-the-art circular single knit machines, a step jacquard and fleece machines as well as rib, interlock, double knit and pantyhose machines. Warp knit

fabrics can be produced on tricot, raschel and weft insertion machines.

The Nonwoven Laboratory is used by educational classes and industry. It features dry web formation by garnetting, carding or air laying, wet web formation, bonding by needle punching, hydro-entanglement, thermal bonding, and calender bonding to form nonwoven fabrics for specific end use applications.

The Physical Testing Laboratory offers services that encompass a wide variety of stan-

dard fiber, yarn and fabric tests. These tests are performed by qualified technicians in the Extension and Applied Research Department.

The Short Staple Yarn Processing Laboratory is designed to help meet the needs of the textile industry in applied research. State-of-the-art machinery converts bales of fiber into spun yarn using the modern cotton system. Combed and carded yarns can be processed. Spinning capability includes ring, open-end and air-jet. Winding and twisting operations follow spinning for the desired yarn package. Services range from

evaluating the processibility of various fibers and blends to running trials for the determination of optimum machine settings and speeds.

The Weaving Laboratory is designed for applied research and is equipped to warp, size and rebeam yarns for weaving. Weaving capability includes rapier, projectile, airjet, waterjet and shuttle. Cam, dobby and jacquard designing is available.

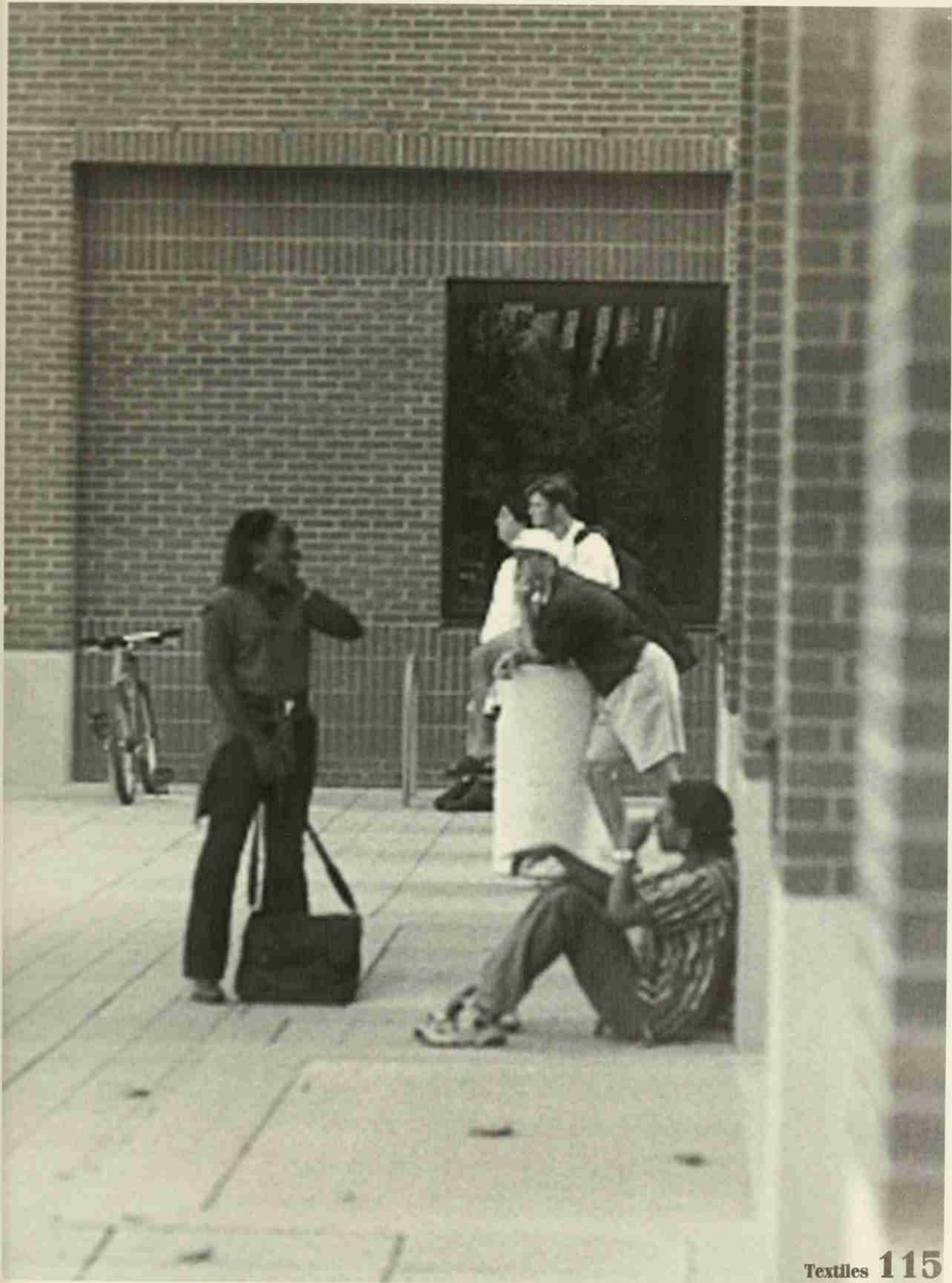
The mission of the College of Textiles is to be the premier international institution for textile education, providing education of the highest possible quality to degree and non-degree students alike through the use of innovative teaching techniques, and providing a vision of the future.



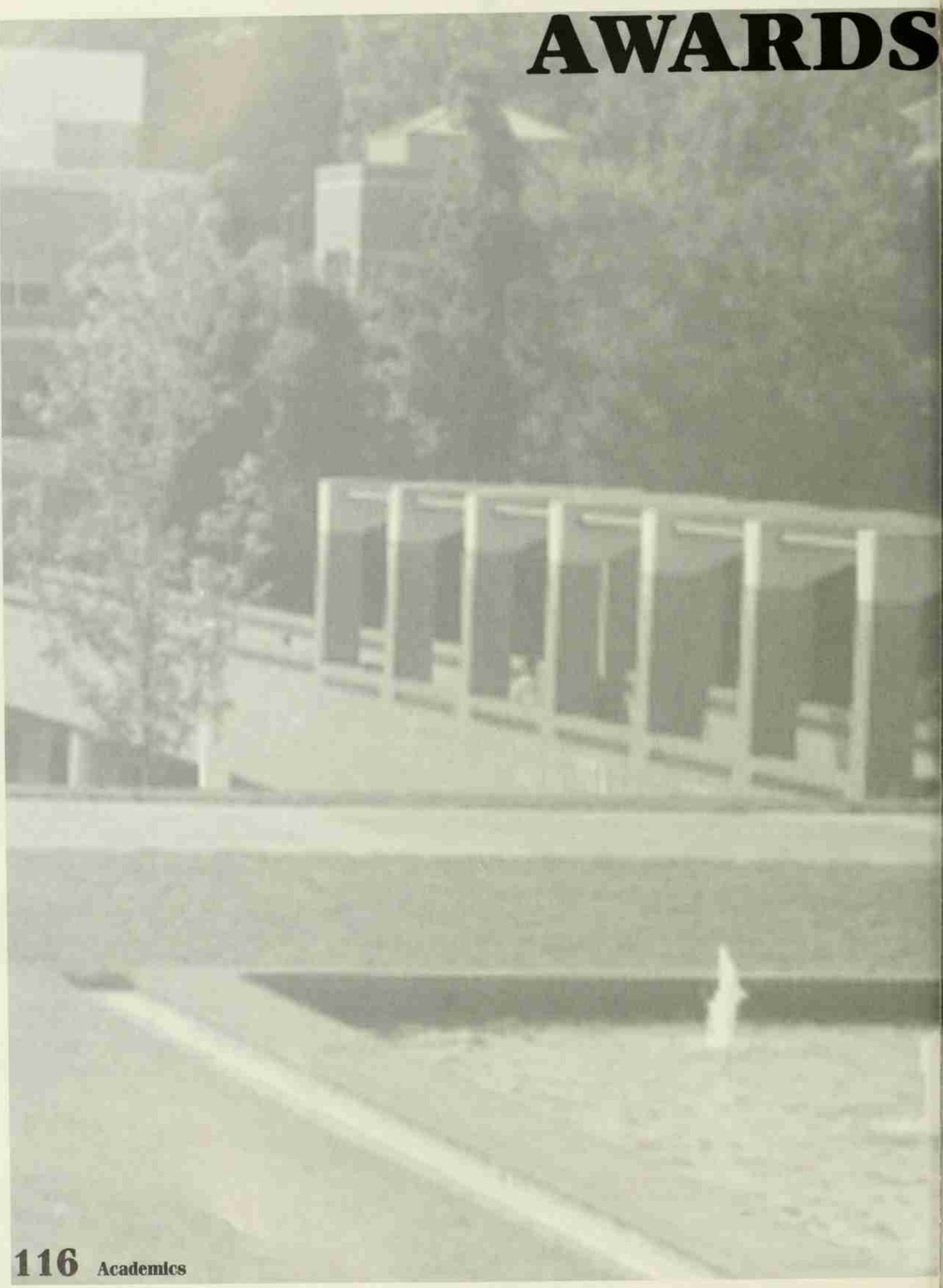
Dean Robert A. Barnhardt

Today's Textiles and Apparel Complex is truly global and transnational in every aspect of its business. The Eli Whitney Scholars Program addresses the need for graduates with global vision, managerial and technological knowledge, and language and communication skills. It is a joint undertaking by the College of Textiles and the College of Humanities and Social Sciences. The Eli Whitney Scholars Program allows students to earn two degrees: a BS in Textile and Apparel Management and a BA in Multi-Disciplinary Studies.





AWARDS



FOR ACHIEVEMENT

Joseph D. Moore Honor Award:

Monica Elisha Morgan

Lawrence Lason Honor Award:

Joseph Lee Faulk

Chester H. Roth Award:

Laura Katherine Canup

John M. Reeves Scholarship:

Andrea Jami Cox

Donald F. McCullough Award:

Tekesha Elaine Simmons

American Association of Textile Chemists and Colorists Award:

Andrea Michelle Dailey

Phi Psi Fraternity Award:

Barry Dean Covert

Kappa Tau Beta Student Leadership Award:

Brian Todd Wacaster

Delta Kappa Phi Textile Fraternity:

Brian Todd Wacaster

AAMA - Apparel Student of the Year:

Stacey Lynn Cuthrell

Textile and Apparel Student Design Exposition:

Paula Catherine-Ann Cooper

Henry A. Rutherford Honorary Award:

Ketan Dinanath Vaidya

Peter R. Lord Textile Engineering Design Leadership Award:

Geoffrey Todd Herring

Hoëchst Celanese Excellence Award for Academics:

Michael Scott Nutt

Graduate Alumni Fellowship:

Sara Lyerly Draper



VETERINARY MEDICINE

Story by Kristen Spruill
Photos by Jennifer James

Dean Oscar Fletcher's office proudly boasts of Robert Linnehan, an astronaut from the College of Veterinary Medicine, who blasted off on NASA's 90th shuttle mission this spring. He is the first veterinarian in the history of NASA to go into space.



Dean Oscar J. Fletcher

The College of Veterinary Medicine unveiled a bronze sculpture honoring pets and the contribution of animals to veterinary science and human health this year at the entrance to the college's Veterinary Teaching Hospital. The sculpture features a life-size likeness of Holly, a yellow, once cancer-ridden Labrador, and Tango, a feline blood donor. The two pets are owned by Mary Szymkowski, a second-year student at the college who was inspired to become a veterinarian by the cancer treatment Holly received at the college's teaching hospital. The sculpture was created by Susan Draughon, a native North Carolina artist from Pittsboro.

Local residents are up in arms about a proposed NCSU slaughterhouse.

NC State's proposed slaughterhouse is already causing a stink in the surrounding community. At a community meeting held August 4, 1997, residents showed up in droves to protest the addition of a slaughterhouse to the university community. On or about August 3, 1997, residents received a brochure that was a notice to residents about NCSU's proposed meat processing laboratory, which will be built on the campus of the Veterinary College with an anticipated completion date of December, 1998.

Residents in the area surrounding the veterinary school were served notice that the university is planning to operate a laboratory which will, among other things, "operate at a small fraction of the capacity of a commercial meat processing plant," according to a flyer produced by NCSU.

Kenneth Esbenshade, animal science (husbandry) department head, expressed surprise that local residents would object to the laboratory, billed in literature published by NCSU as a "research and teaching facility devoted to advancing the knowledge and technology of meat production and processing."

Officials at NCSU, however, have had plenty of time to hear from opponents to the laboratory.

In a letter dated May 21, 1997, Evelyn Elkin Geifer, a doctor of veterinary medicine (DVM), protested that the laboratory is unnec-

essary.

"No direct or indirect benefits to human health and well-being would be achieved through the proposed (laboratory) activities," she wrote.

Two letters of protest note that currently veterinary students who wish to learn how to inspect meat to US Department of Agriculture standards serve internships at commercial meat processing plants. USDA inspection training is one of the proposed functions of the laboratory.

"The cheaper, more effective, and already established training technique is to place veterinary students in an ongoing slaughter operation as an intern," wrote Shawn Thomas, legal counsel for People for the Ethical Treatment of Animals (PETA).

The laboratory will process approximately 14,150 animals a month. Animals which arrive at the laboratory will not be kept overnight, according to NCSU literature. Waste management for live animals consists of holding pens under a roof with screened drains to the sewer. Waste products will be treated before

they are disposed of, according to the presentation given at the community meeting.

Chancellor Larry K. Monteith addressed the issue of the slaughterhouse, "There are many people who strongly disagree with this," he said. "We are an A and M school, and meat safety and meat quality are very important to those who are engaged in that enterprise. We have done a poor job in communicating that to the community."

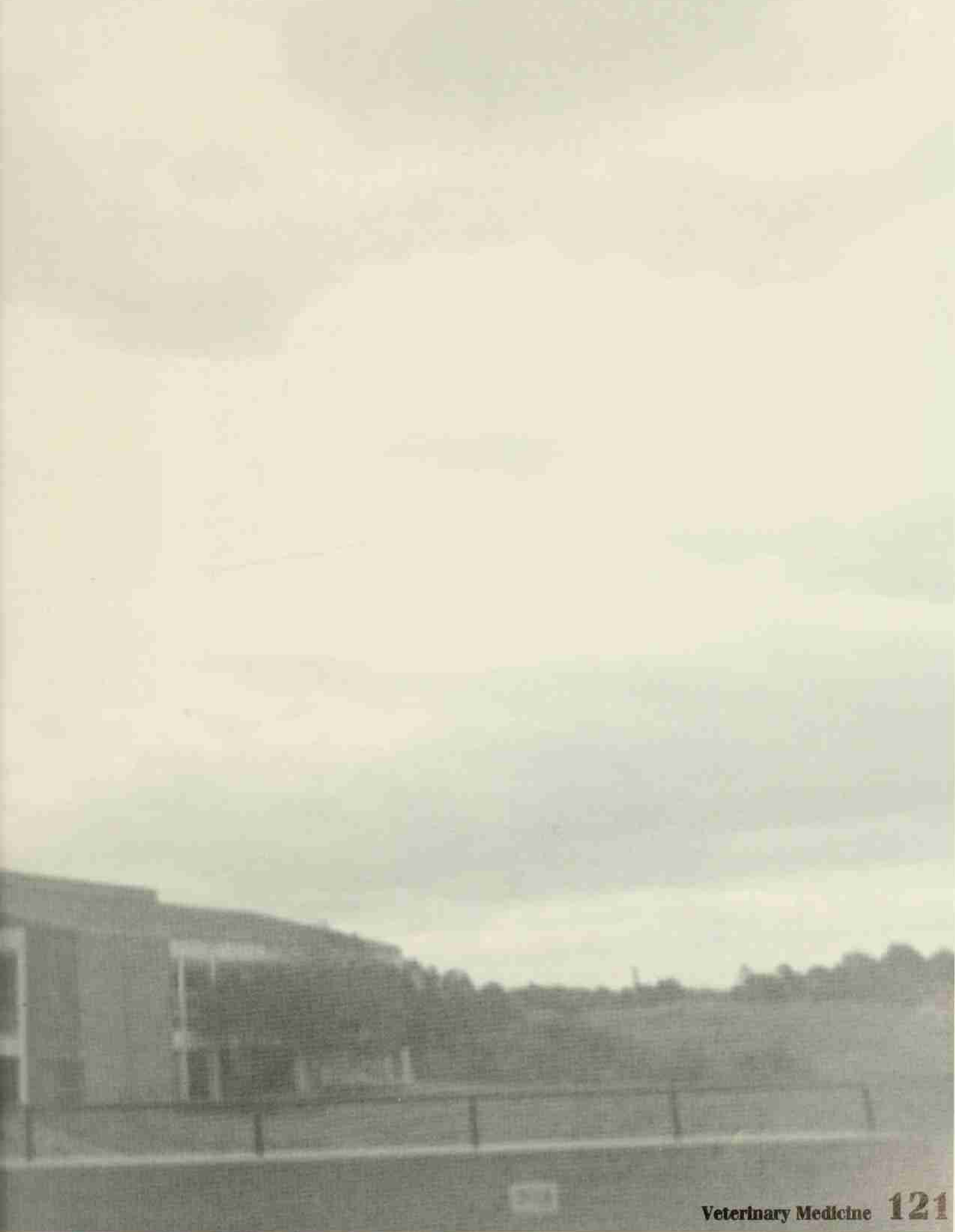


DOCTOR OF VETERINARY

Derron Anthony Alves
Dempsey Maryland Ange III
Rebecca Ann Arthur
James Patrick Barker
Thomas Edward Beacorn
Amo B. Burbridge
Jill Katherine Clark
Johanna Briggs Clark
Laurin Hayworth Cooke
Anthony Scott Creech
Michelle Lee Crosier
Donna Tyson Dishman
David Henry Doyens
Kathryn Lee Ellmore
Michele Joyce Ewing
Brooke Tillou Ferguson
Marisara Fernandez
Geoffrey Ronald Frattini
Christine Susan Ganley
Katherine Ann Garner
Susan Mary Geske
Scotty Alan Gibbs
Victoria Marie Graham
Nanette Lynn Hanshaw
Ashley Elizabeth Horsman
Jeannine Michelle Hostetter
Mary Louise James
Carrie Beth Jelovich
Amy Catherine Johnson
Jacob Alexander Johnson
Thearayouk Keo
Sharon Beeson King
Diona Leigh Krahn

Sarah Marie Long
Julie Turpin McCormick
Robbie Jones McCracken
Mark Allan McGeough
Amanda Lee McKee
Joyce Ruth McMillian
Nicola Joanne Melliar-Smith
Jennifer Elizabeth Neal
Glenda Allen Noble
Cheryl Cheves Noe
Lea Grace Osborne
Melinda Anne Perry
Nancy Christine Peters
Amy Forister Pruitt
Lesli Rosfeld Reiff
Jamie Ruth Rhoades
Stacy Kay Robinson
Lance Chandler Rozear
Janine Sagris
Amber Elizabeth Seals
Noelle Ann Serocki
Basil Otto Sharp
Bonnie Jean Smith
Katherine Elaine Smith
John Mitchell Troutman
Karen Lynn Tyndall
Karen Kristine Tysinger
Sara Carpenter White
Annette Ward Whited
James Thomas Winkler
Richard Jay Wittmann
Caroline Baugh Yancey
Shayne Philana Zimmerman

Y MEDICINE DEGREES



GRADUATE SCHOOL

Story by Daniel McDevitt

Photos by Marty Harvey

For many graduate students, school is a grind. They log in 50+ hour weekends and soon life becomes a blur of research, teaching, or studying. Eventually, they may become so immersed in their studies that tempers flair, depression sets in or worse yet, a sense of futility overwhelms them. Well, it doesn't have to be that way. To illustrate, consider a couple of members of the band Glass.

Glass is a band composed of three members; two of them whom, Dave and Lou, are graduate students who produce a blues-jazz sound with a whit of folk element and rock mixed in.

Hearing them for the first time, one is instantly captured by the band's artistic talent resonating from their various stringed instruments reinforced with the lead singer's powerful voice.

Given the bands lifting sound and the realization of the amount of time needed to produce it, coupled with the fact that these are graduate students, one can easily become skeptical. These graduate musicians are people like you and I, spending ungodly hours in the lab, teaching or studying. They are the same people who go to bed bleary eyed and hung over from brain drain, knowing the next morning they have to get up a little earlier in order to tie up those loose ends. So how do the members of Glass find the time to meet, compose music and play shows? Are they just using music as an excuse to procrastinate and not study?

Actually, their meeting and composing

sessions are the exact opposite. Their active pursuit of something they enjoy outside their fields of study has not only enhanced their personal, social, and emotional well being, but also their academic pursuits.

As David Abbott, a physics education graduate student at NC State puts it, "Playing in the band has made me happier and more efficient in doing things both inside and outside my major. I'm more efficient, innovative, and spending the time playing is a refresher." But it

wasn't always like that for him. Dave attended the University of Virginia and was working towards his Masters Degree in Physics. Soon he was neck deep in the grad school grind, struggling and not being able to play music. Knowing he had to pacify his gnawing desire for learning new musical experiences, he sought a solution.

Dave became aware of a group on the UVA campus, called the UVa. Collegium Musicum who played renaissance music. Much of the music was created with the use of a stringed instrument called the viola da

gamba, the predecessor to the cello. Enchanted by the instrument, Dave vowed that he would make time away from his physics studies and take up the instrument.

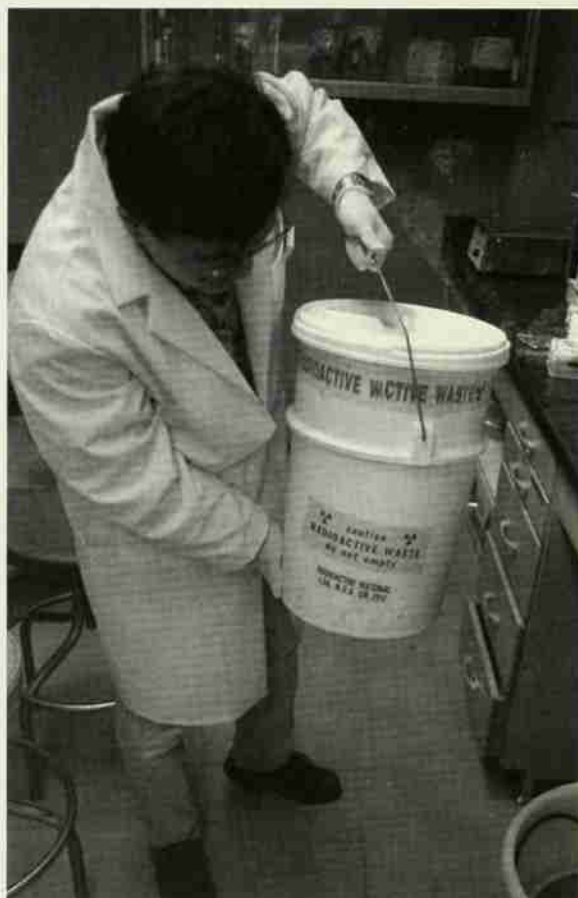
He was soon playing every composition produced for it he could get his hands on. His studies became easier, his work more productive and his disposition much better.

The newest branch of NC State's Alumni Association likely will not be in some remote area of the US, but in distant Asia. This is due in large part to the efforts of Dean Stewart, who recently traveled halfway around the world to familiarize alumni in Taiwan and Hong Kong with recent events surrounding the NCSU campus, as well as general happenings within North Carolina.



Dean Debra W. Stewart

Ten of the top teaching assistants (TAs) were chosen at the Teaching Assistant Awards on April 2, 1998, receiving \$100 each for their efforts. The 10 were chosen by a panel of seven graduates from 30 TAs who had been nominated. The 10 winners of the TA awards and their respective majors were: Catherine M. Clark, botany; Timothy Michael Frey, statistics; Shira Fruchtmann, zoology; Cherilyn Louise Heggen, poultry science; Jennifer Ingram, genetics; Leslie Fay Jackson, zoology; Thomas K. Mitchell, plant pathology; James P. O'Keefe, psychology; Nathaniel Smith, English; and Matthew S. Wallace, entomology.





OUTSTANDING TEACH

Dr. Robert J. Beichner

Department of Physics
College of Physical and Mathematical Sciences

Dr. Glenda S. Carter

Department of Mathematics, Science and
Technology Education
College of Education and Psychology

Dr. Philip B. Carter

Department of Microbiology, Pathology, and
Parasitology
College of Veterinary Medicine

Dr. Vern L. Christensen

Department of Poultry Science
College of Agriculture and Life Sciences

Dr. Mary Kathleen Cunningham

Department of Philosophy and Religion
College of Humanities and Social Sciences

Dr. Edward W. Davis

Department of Computer Science
College of Engineering

Dr. Aly El-Shiekh

Department of Textile and Apparel, Technology and
Management
College of Textiles

Dr. Ronald O. Fulp

Department of Mathematics
College of Physical and Mathematical Sciences

TEACHERS FOR 1997-98

Dr. Barry Goldfarb

Department of Forestry
College of Forest Resources

Dr. Martha J. Groom

Department of Zoology
College of Agriculture and Life Sciences

Dr. Richard R. Johnson

Department of Mechanical and Aerospace
Engineering
College of Engineering

Dr. James A. Knopp

Department of Biochemistry
College of Agriculture and Life Sciences

Mr. Bryan Laffitte

Department of Design and Technology
School of Design

Mr. George C. Marsh

Department of Accounting
College of Management

Dr. Arnold W. Oltmans

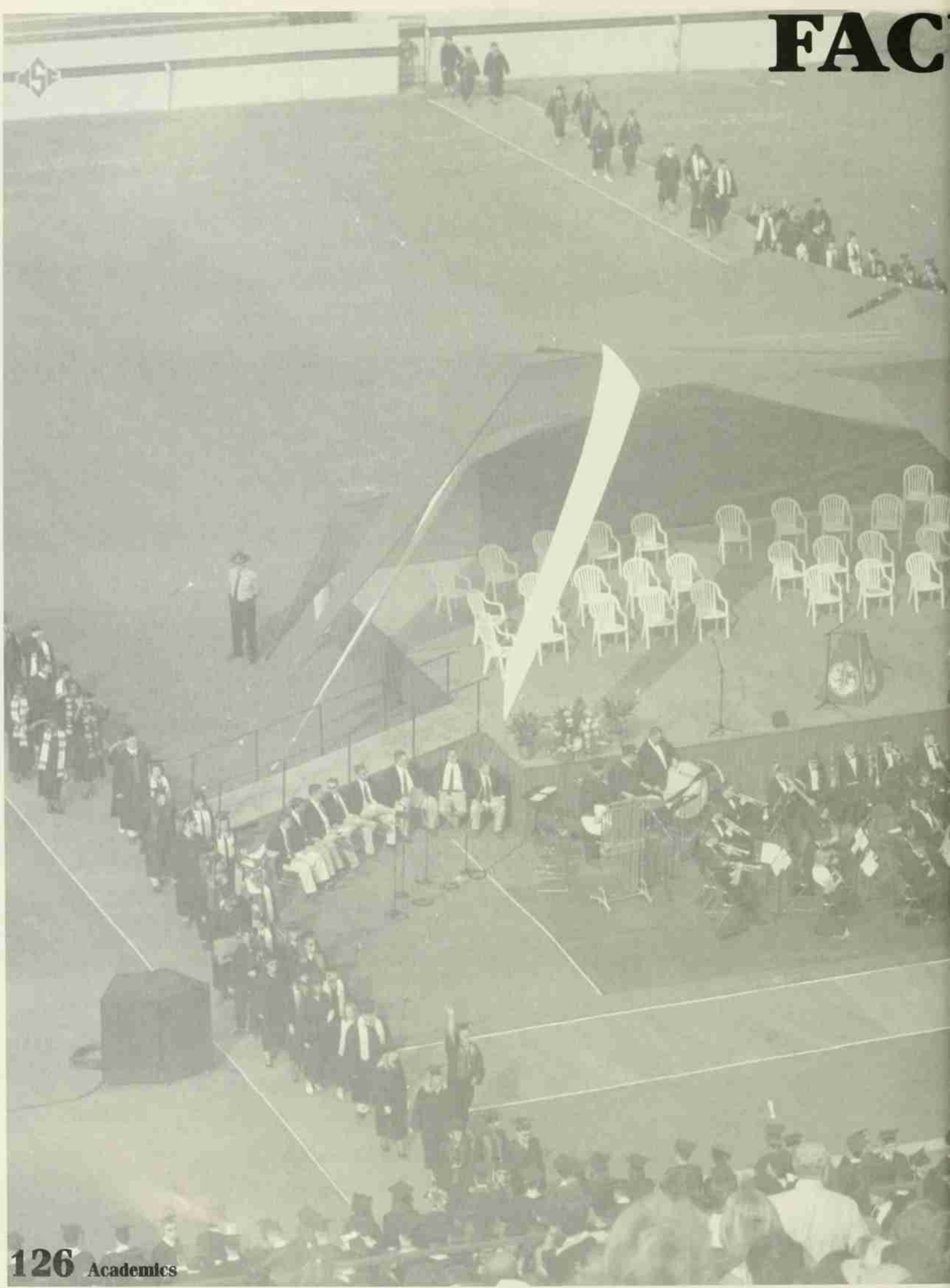
Department of Agricultural and Resource
Economics
College of Agriculture and Life Sciences

Dr. Anne L. Schiller

Department of Sociology and Anthropology
College of Humanities and Social Sciences

Dr. Akhtarhusein A. Tayebali

Department of Civil Engineering
College of Engineering



FACULTY RETIREMENTS

Adams, Dewey A., College of Education and Psychology, retired December 31, 1997.
Arnold, John R., College of Education and Psychology, retired December 31, 1997.
Bateman, Durward F., College of Agriculture and Life Sciences, retired September 30, 1997.
Buckmaster, H. Leo, Finance and Information Systems Division, retired July 31, 1997.
Bradbury, Phyllis C., College of Agriculture and Life Sciences, retired December 31, 1997.
Bunn, Linda F., College of Agriculture and Life Sciences, retired September 30, 1997.
Caruolo, Edward V., College of Agriculture and Life Sciences, will retire September 30, 1998.
Cobb, Grover C., College of Physical and Mathematical Sciences, retired July 31, 1997.
Collins, Carroll E., College of Agriculture and Life Sciences, retired October 31, 1997.
Combs, Russell C., Division of Student Affairs, retired July 1, 1997.
Davis, A. Clarke, College of Agriculture and Life Sciences, retired July 1, 1997.
Davis, Anne L., College of Engineering, retired July 1, 1997.
Fuller, Jr., Earl H., College of Engineering, retired August 31, 1997.
Garwig, Paul L., NCSU Libraries, retired February 28, 1998.
Gay, Robert W., College of Agriculture and Life Sciences, retired July 1, 1997.
Gilbert, John H., College of Humanities and Social Sciences, retired December 31, 1997.
Gurley, Edward D., College of Engineering, retired December 31, 1997.
Hamm, Jr., Thomas E., College of Veterinary Medicine, retired December 31, 1997.
Harris, Jr., Edwin F., University Architect, Facilities Division, retired January 31, 1998.
Jones, Evan E., College of Agriculture and Life Sciences, retired December 31, 1997.
Katzin, Gerald H., College of Physical and Mathematical Sciences, retired December 31, 1997.
Lucas, Leon T., College of Agriculture and Life Sciences, retired January 31, 1998.
Matthews, Neely F. J., College of Engineering, will retire June 30, 1998.
McClain, Jack M., College of Humanities and Social Sciences, retired July 1, 1997.
Mulholland, James A., College of Humanities and Social Sciences, will retire June 30, 1998.
Pasour, Ernest C., College of Agriculture and Life Sciences, retired December 31, 1997.
Perry, Jerome J., College of Agriculture and Life Sciences, retired December 31, 1997.
Phillips, Richard E., College of Agriculture and Life Sciences, retired September 30, 1997.
Rice, Barbara S., Division of Student Affairs, will retire May 31, 1998.
Robbins, Woodrow E., College of Engineering, retired December 31, 1997.
Roberts, John C., College of Agriculture and Life Sciences, retired August 31, 1997.
Savage, Robert G., College of Physical and Mathematical Sciences, retired July 31, 1997.
Smith, J.C., College of Engineering, will retire June 30, 1998.
Smith, Jr., William A., College of Engineering, retired December 31, 1997.
Snow, Nancy H., College of Humanities and Social Sciences, retired December 31, 1997.
Stanislaw, Charles M., College of Agriculture and Life Sciences, retired July 31, 1997.
Stuber, Charles W., College of Agriculture and Life Sciences, retired January 3, 1998.
Tilley, D. Ronald, College of Physical and Mathematical Sciences, will retire June 30, 1998.
Tomasino, Charles, College of Textiles, retired September 1, 1997.
VanderLugt, Marilyn J., Division of Student Affairs, retired December 31, 1997.
Van Eck, Ngaire, College of Agriculture and Life Sciences, retired July 1, 1997.
Wilk, John C., College of Agriculture and Life Sciences, retired December 31, 1997.
Zorowski, Carl F., College of Engineering, retired December 31, 1997.

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THE FIRM

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We salute your dedication and extend our best wishes for the future. Your efforts and innovations will determine the direction of technology in the next century.

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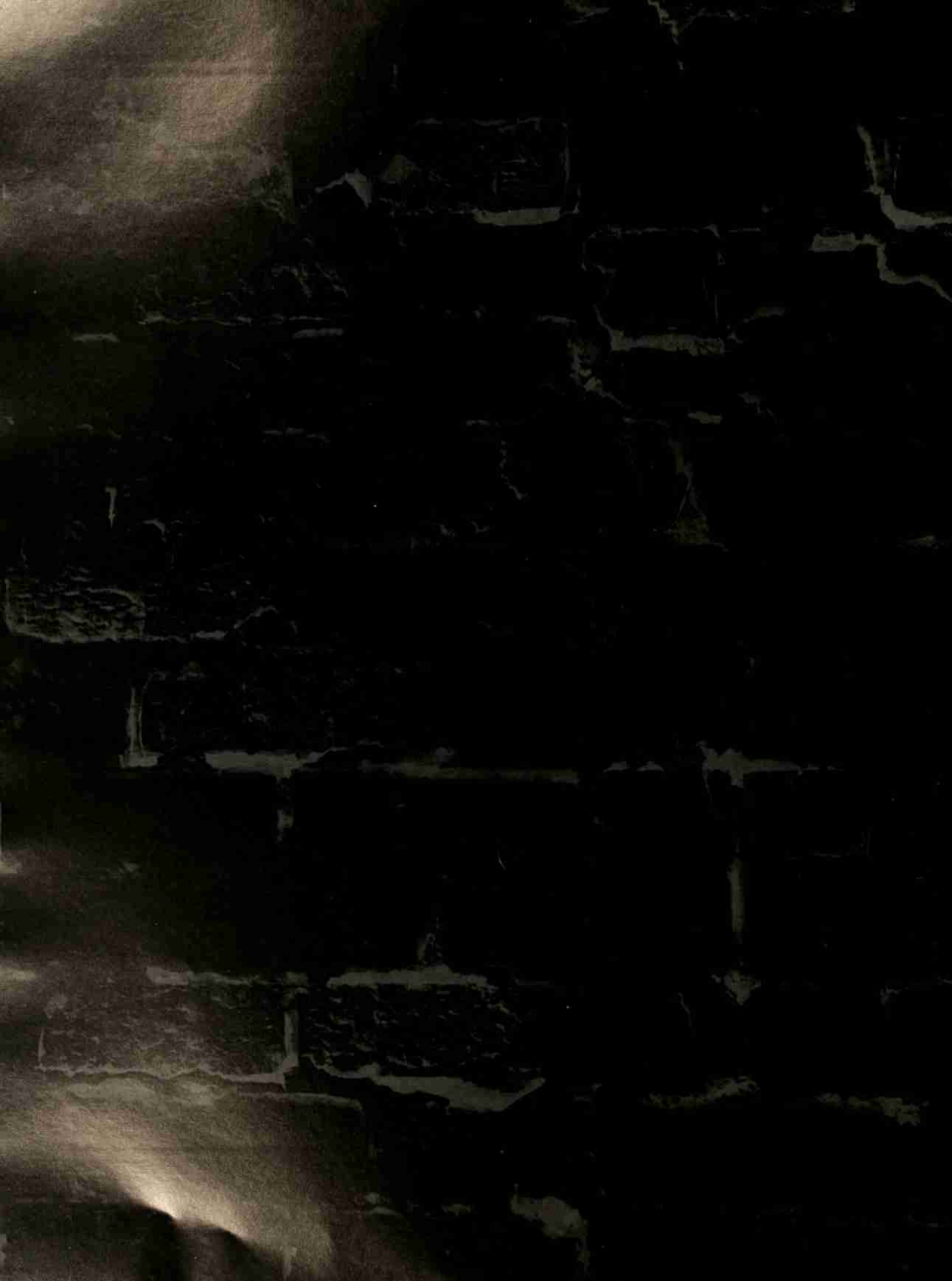
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NEWS



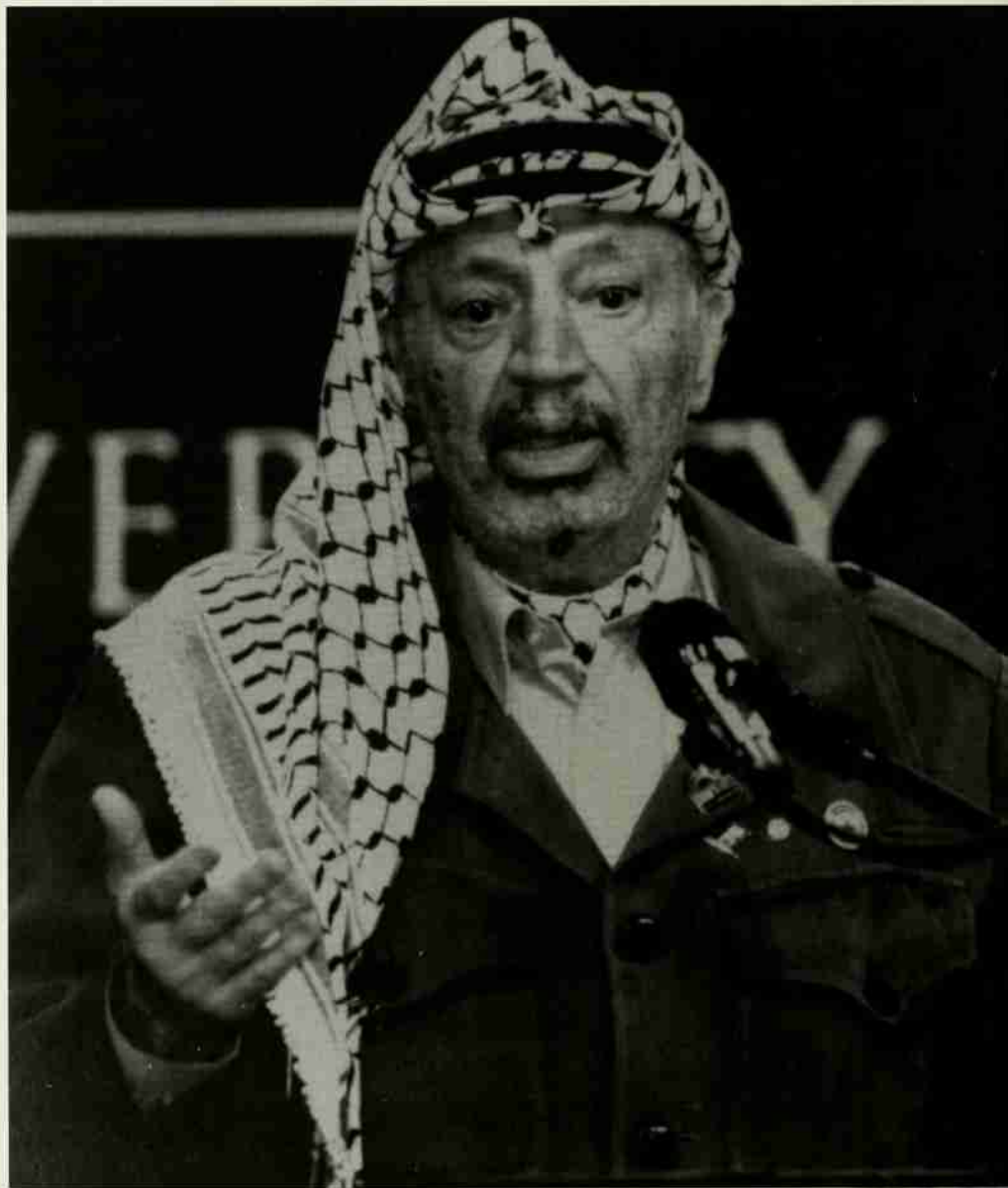
Cuban leader **Fidel Castro** greets **Pope John Paul II** after the Pope's historic mass in Havana's Plaza of the Revolution on January 25, 1998. The Pope called for the creation of a new society offering "peace, justice and freedom" in Cuba.

The island of **Montserrat** was devastated in July 1995 when its volcano became active after 400 quiet years. In June 1997, another eruption destroyed the capital and send residents packing. Only about 5,000 of the original 11,000 people living on the island remained.



Associated Press

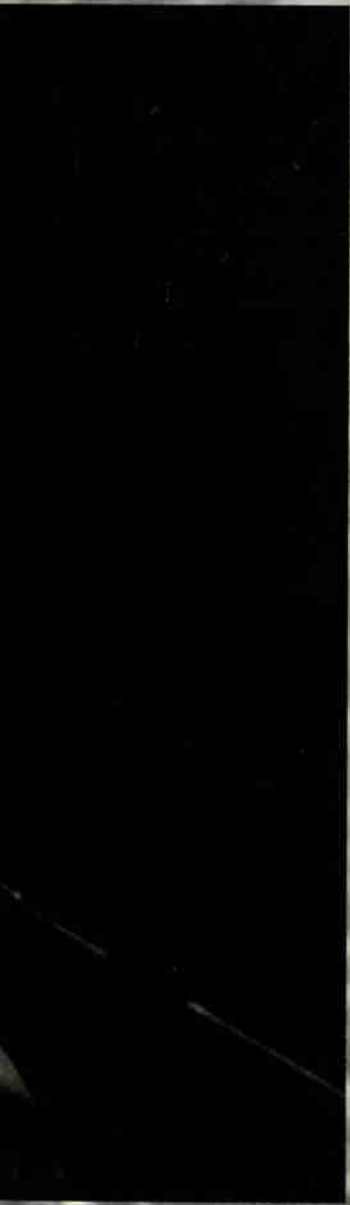
Chairman of the Palestine Liberation Organization and president of the Palestinian National Authority, **Yasser Arafat** was one of the key leaders in trying to maintain peace in the Middle East. Arafat assumed leadership of Arabs within Israel's occupied territories. The 68 year-old leader continued to play an important role in the peace process throughout the year.





RM Photo

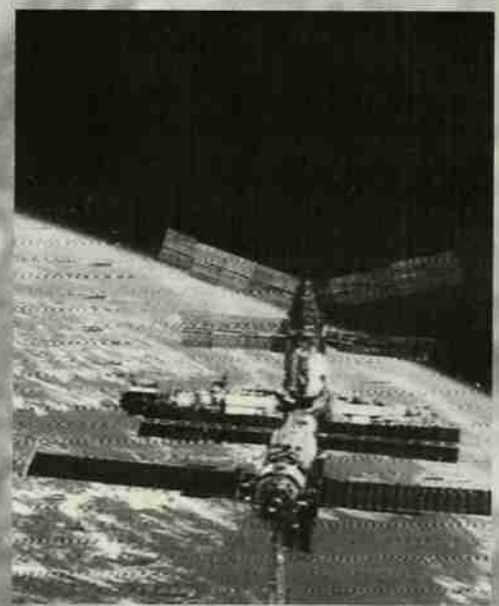
in the World, the Pope made an *unprecedented visit* to Communist Cuba... **Montserrat** was subjected to *natural devastation*... U.S. and Soviet astronauts were aboard the *often faulty Space Station Mir* orbiting the Earth... **Israel** and the **Palestinians** continued to work towards peace... and **Saddam Hussein** was never too *far* from the headlines.



RM Photo



RM Photo



RM Photo

In late May, Americans ended their involvement with Russia's space station, **Mir**. Several astronauts from the U.S. lived and worked in the 12-year-old station. This mission stirred up much controversy due to numerous mishaps, including a fire and a collision with a supply ship.

Prime Minister **Benjamin Netanyahu** halted Middle East peace proceedings indefinitely after two suicide bombings in Jerusalem during the summer of 1997.

During a religious service in Pescara, where she attended the National Eucharist Congress, Mother Teresa prays on September 20, 1977. Mother Teresa was born in Skopje, Yugoslavia, and joined the Irish Branch of Loreto Catholic nuns.

Waiting near St. James' Palace to follow Diana's coffin to Westminster Abbey, the Duke of Edinburgh, Prince William, Earl Spencer, Prince Harry, and Prince Charles stand solemnly. The funeral was held on Saturday, September 6, 1997.

RM Photo



RM Photo



RM Photo

Foreign dignitaries and invited guests sit behind the casket of Mother Teresa during her funeral mass in Netaji Indoor Stadium in Calcutta, September 13, 1997. Mother Teresa arrived in India to teach in church schools in 1929.

Princess Diana arriving at London's Dorchester Hotel on July 4, 1996, to attend a charity event supporting The Shaukat Khanum Memorial Hospital in Pakistan. The hospital was just one of the many charitable organizations Diana supported.



Mother Teresa & Princess Diana

It is said that for every generation there is a moment that remains forever framed in time. For this generation, that moment might actually span a few days rather than a few seconds. For a few days in September, the world stood together, watched, and paid tribute to two ladies. Those days in September saw the untimely death of the “People’s Princess”, Diana, and the loss of Mother Teresa, characterized as a modern-day saint.

After meeting privately on June 18, 1997, Mother Teresa and Princess Diana say goodbye. The two met for 40 minutes at The Missionaries of Charity in the South Bronx section of New York.



RM Photo



RM Photo



RM Photo



RM Photo



RM Photo

Outside the British Embassy in Washington, Katie Braun and her mother Kathy Faris of Alexandria, Virginia look over the flowers and cards left in Diana’s memory following her death. The Embassy was a magnet for Americans mourning the loss of Princess Diana.

National News

Page 138

former White House intern **Monica Lewinsky** accused President Clinton of having a sexual affair with her in the White House. These allegations were strongly denied by the President in January, as Independent Council Kenneth Starr investigated the matter, including the possible perjury it represented for the President in the Paula Jones sexual harassment case.



Associated



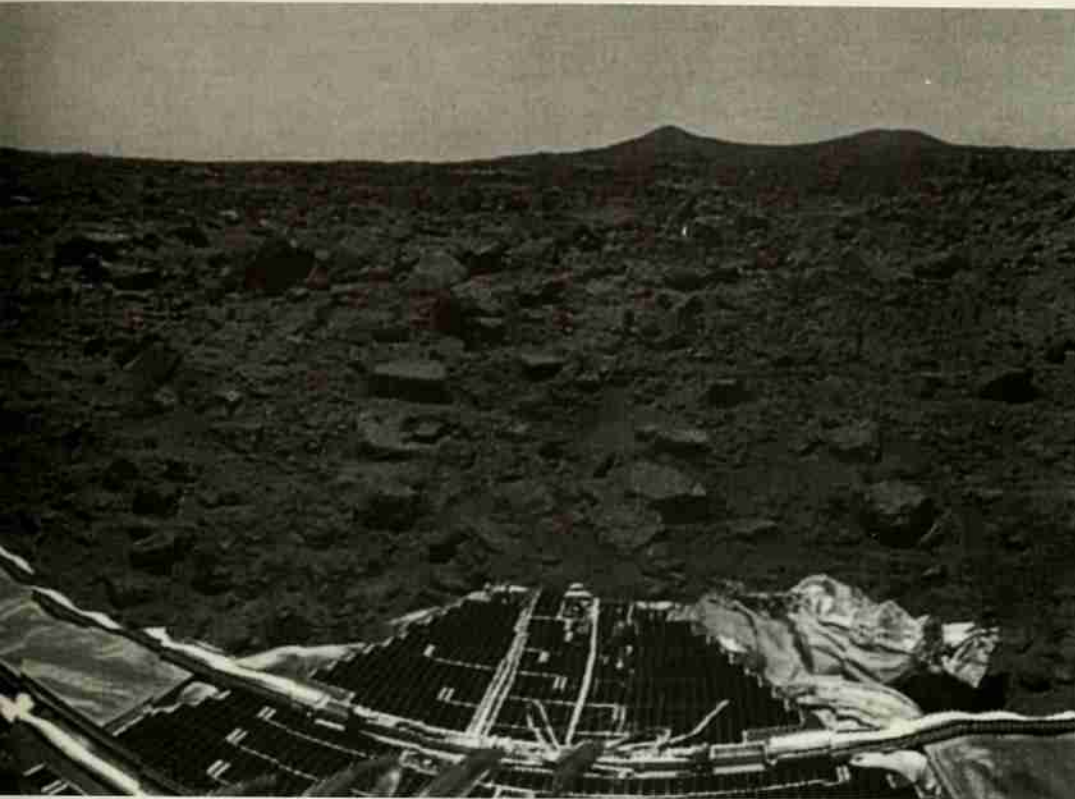
Defending himself against more allegations of sexual misconduct, **President Clinton** remained under investigation in 1998. However, this time he was also accused of obstructing justice. These stories filled the news, overshadowing any reports on policy or domestic issues.



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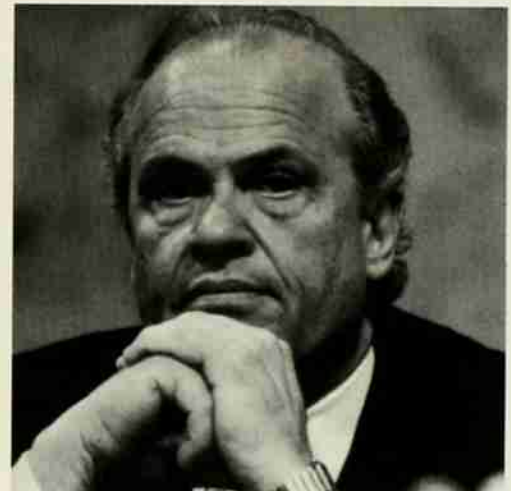
On September 19, 1997, **Chelsea Clinton** traded the security of the White House for a dorm room at Stanford University. Despite moving across the country from her parents, she was not completely on her own. Secret Service agents made the move with her and bulletproof glass was installed throughout the dorm.

Although initially plagued by computer glitches and communication problems, NASA's **Mars Pathfinder** mission was deemed a success. The Pathfinder's rover, named Sojourner, roamed Mars for thirty days collecting data and taking pictures. The pictures were sent back and viewed by television and internet audiences.



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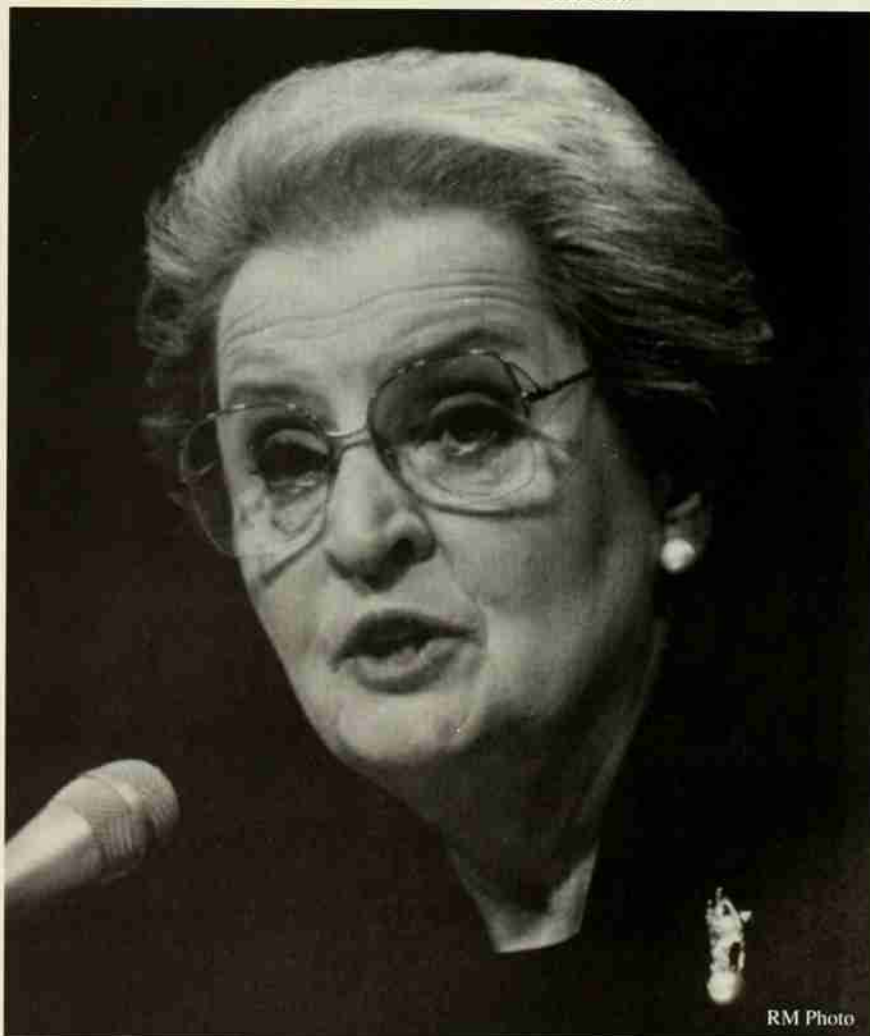
As Senator of Tennessee, **Fred Thompson** fulfilled many roles. Among other things, he worked to cut federal spending, and chaired a subcommittee on youth violence. However, he is best known as an actor in such movies as "Curly Sue," and "The Hunt for Red October".



RM Photo



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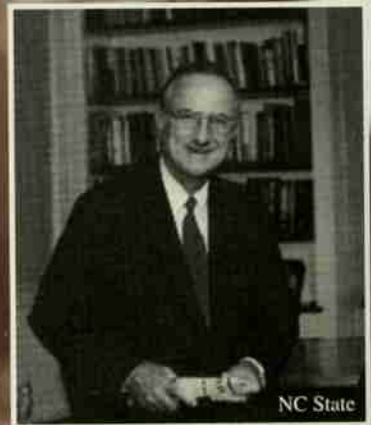
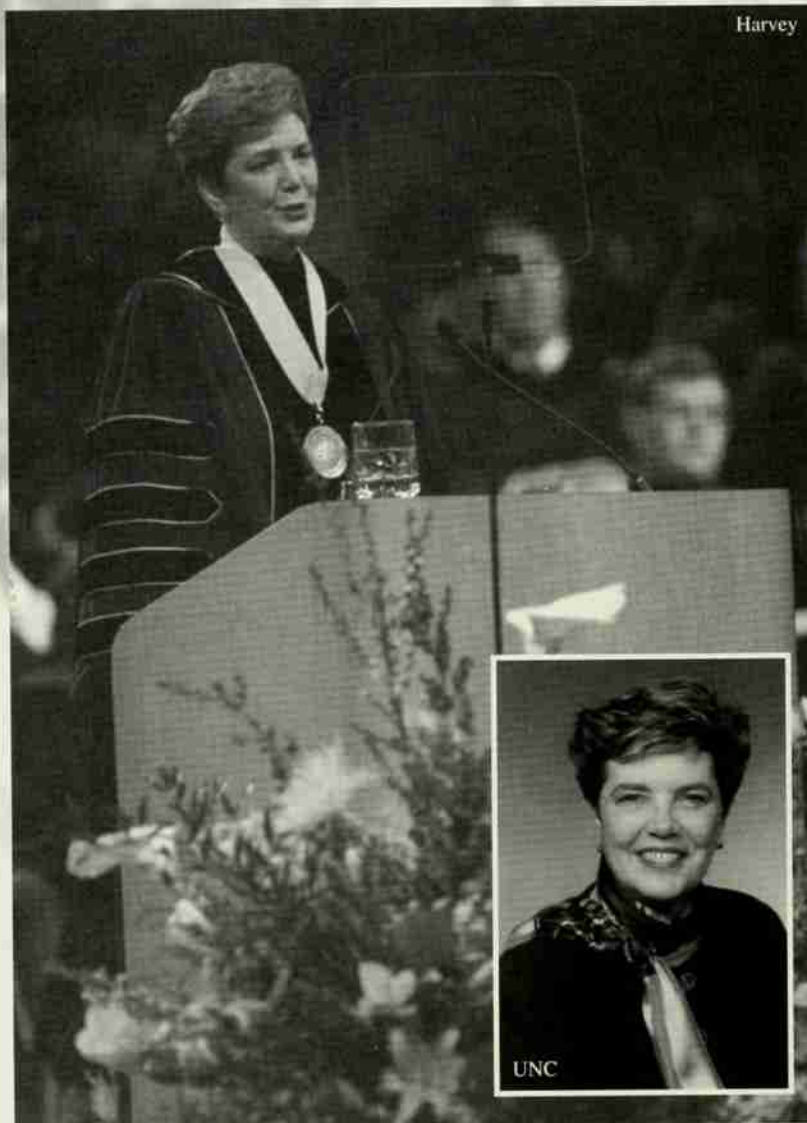


RM Photo

As **Madeline Albright** replaced Warren Christopher as Secretary of State in 1997, she made sure her presence was felt around the world. She quickly earned a reputation of being tough and taking a no-nonsense stance against foreign leaders. Among other things, Albright travelled to the Mideast after warning Saddam Hussein to comply with U.S. sanctions or face a military strike against Iraq.

NC State and the System: CHANGING OF

The 15th president of the UNC System, **Molly Corbett Broad**, became the first woman ever to hold the position. The inauguration took place in Reynold's Coliseum on Wednesday, April 29, 1998, and was host to such guests as Governor Jim Hunt and Martin Lancaster.



After eight years as Chancellor, **Larry Monteith** announced his retirement. Monteith cited the enormous milestones ahead of NCSU as part of his decision saying that although he would enjoy providing the leadership to reach the goals, it required someone "who can make a longer commitment that [his] age allows."

N.C. STATE
UNIVERSITY

THE GUARD

FOX takes over for Monteith, Broad becomes new president of the system



Harvey



NC State

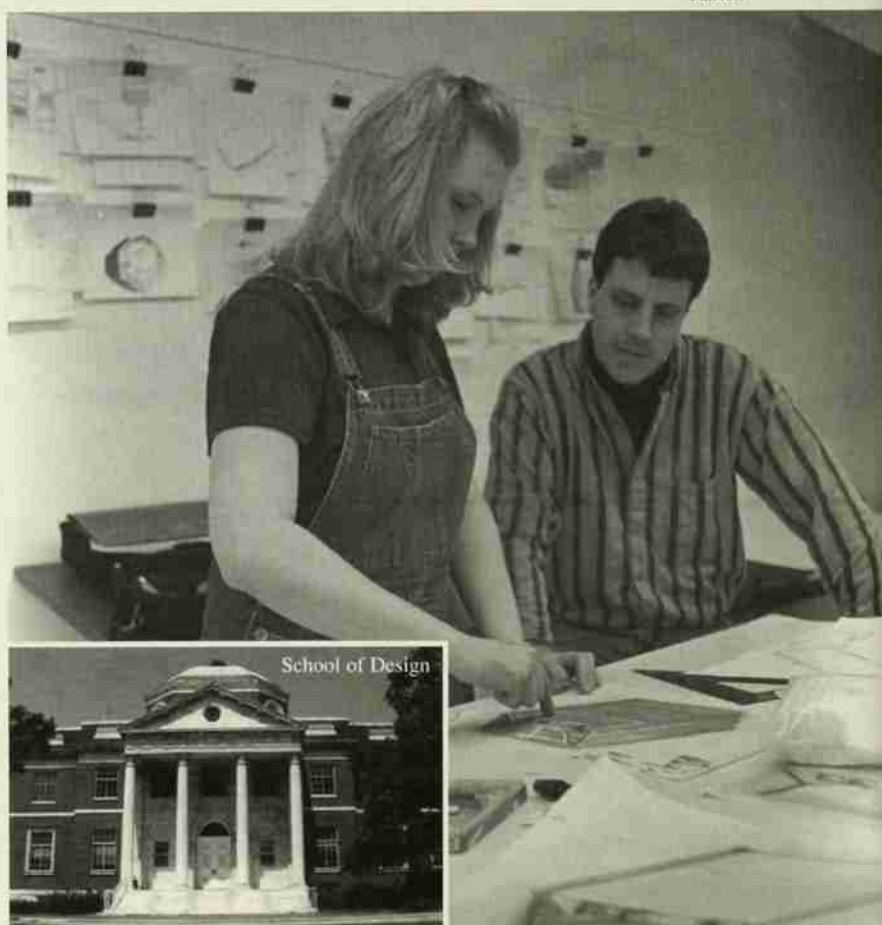
The first woman to hold the position, **Dr. Marye Anne Fox** was named NC State's twelfth chancellor-elect in 1998. A renowned chemist and member of the National Academy of Science, Fox comes from the University of Texas at Austin. In Austin, Dr. Fox served as vice president of research, as well as professor, researcher, publisher, and mentor to students.

Construction began in August 1997 on the new \$5.9 million 42,900 square foot **Student Health Center** at the corner of Cates Avenue and Dan Allen Drive. The new facility will house physical therapy, health education, and counseling as well as the medical center and pharmacy.

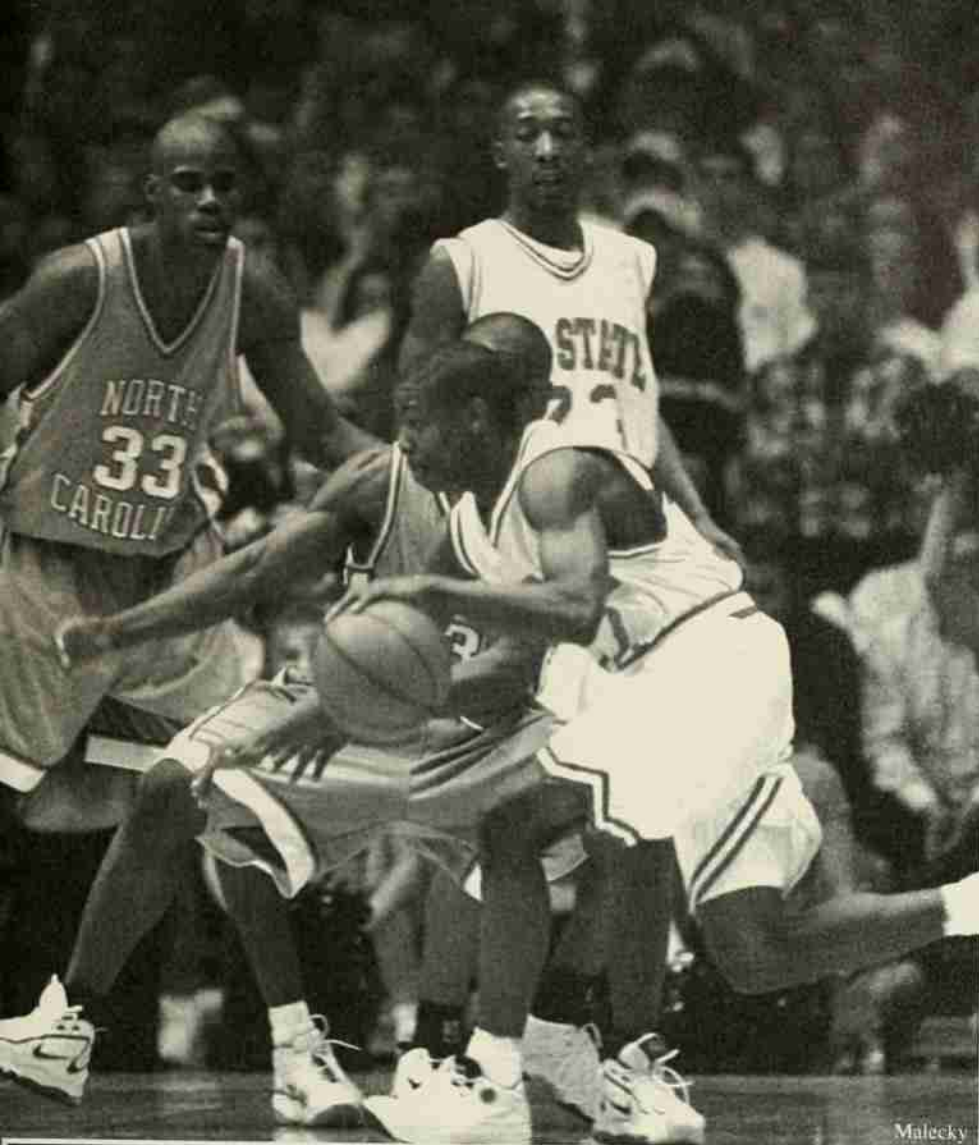


James

Seniors in the **School of Design** work on projects. The School of Design celebrated its 50th year in 1998. Established in 1948, the school was originally comprised of landscaping and architecture, and has since added graphic design, industrial design, and art and design.



School of Design



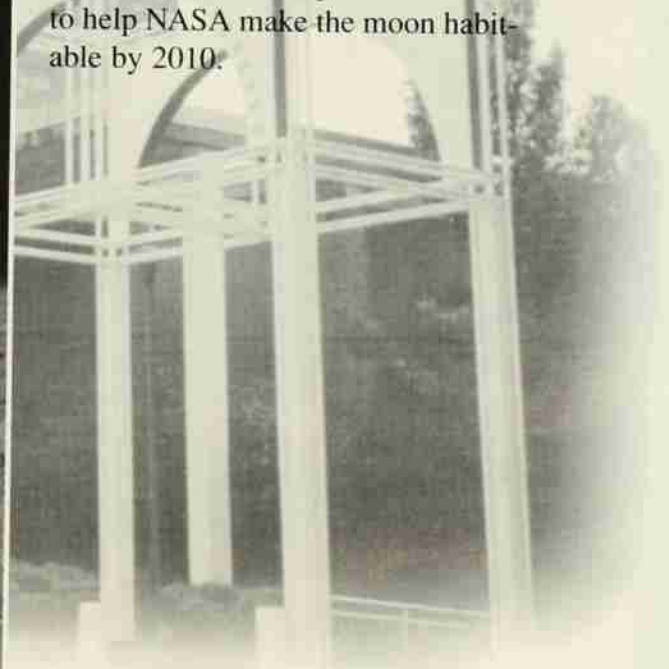
College of Engineering



Design School turns 50...
 Broad *inauguration* at NCSU...
 State worker's unionize *against*
privatization... Monteith *retires*
 and Fox becomes *first woman*
 chancellor... Health Services
 Building *construction* on cor-
 ner of Cates and Dan Allen...
 HELIOS project *wins* in New
 Mexico... Pack *defeats* Tarheels
 in Reynold's... Jenny Chang
elected Student Body
 President... snow on *campus*...

Hillsborough Street erupted with over 1500 fans on the evening of February 21st after the men's basketball team **defeated** the Carolina Tarheels at home in Reynold's.

HELIOS, A team of engineering and design students and faculty built working prototypes of a robot, lunar lander and habitat module for the Space '98 Robotics Competition. The group won the competition that was held in Albuquerque, NM in April. The event is part of an effort to help NASA make the moon habitable by 2010.





Members of the opera visited the Brickyard to promote their production.

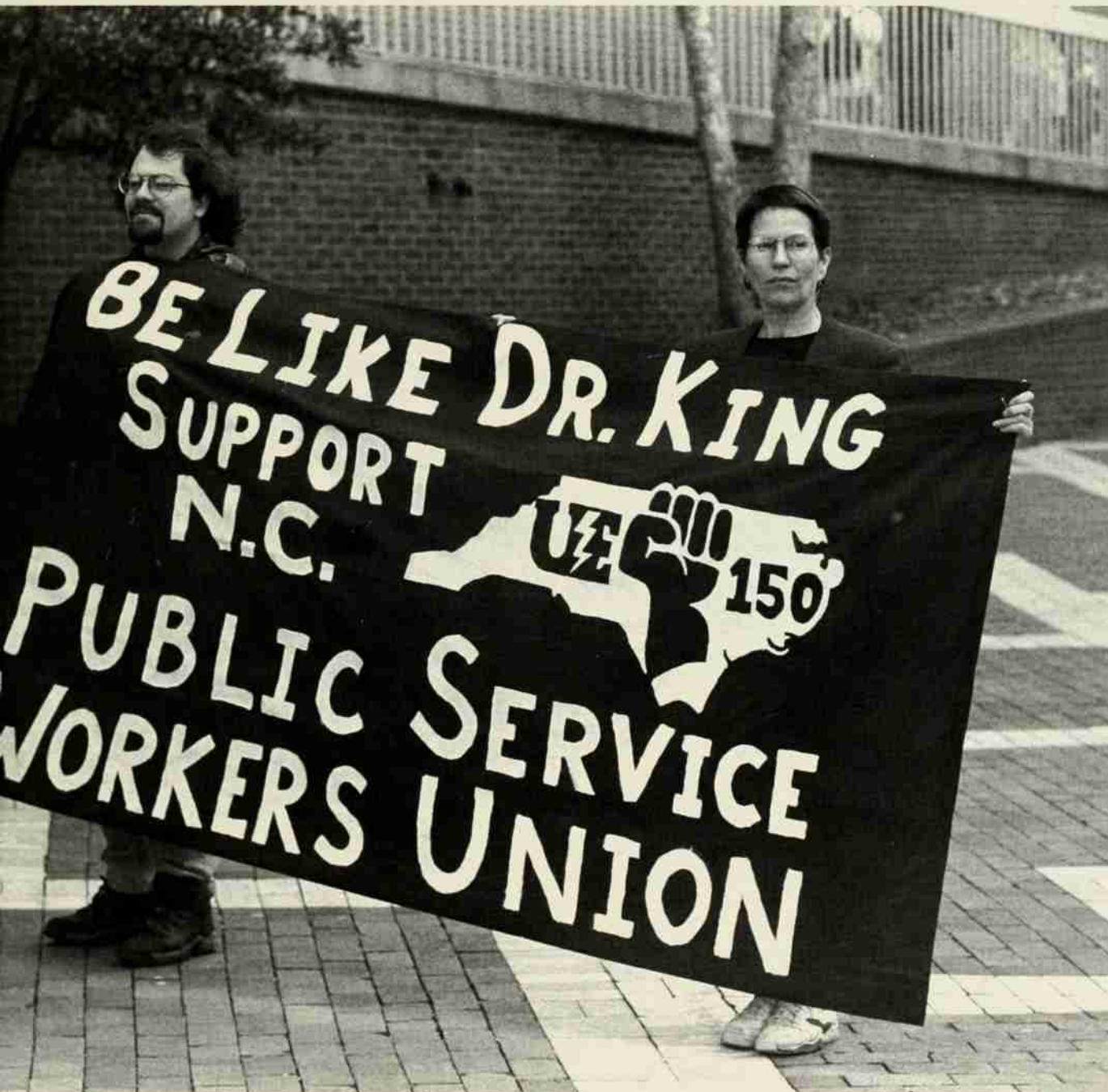
Biochemistry major, **Chang** was elected Student President, but not without controversy. Chang was disqualified two days after the election for receiving three warnings from the Elections Board. She was reinstated a few days later after her appeal helped get one of the warnings overturned.





Stevens

Students in the "Court of North Carolina" built snowmen and threw snowballs. The **snow** covered campus for most of the day, but was gone in time for classes to resume the following day.



Stevens

A newly formed

NC State

worker's union

marched

through down-

town in con-

junction with

Martin Luther

King Day cele-

brations. The

worker's

marched to

protest the pos-

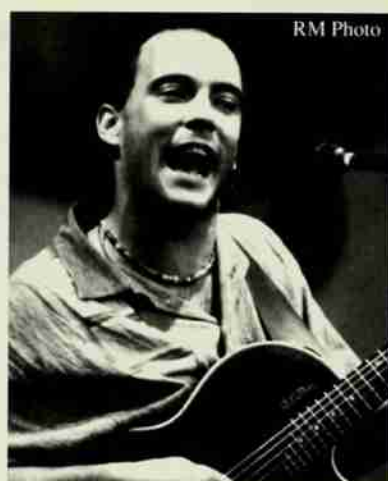
sible privatiza-

tion of their

jobs.

The popularity of The **Dave Matthews Band** continued to increase with their third major label album, "Before These Crowded Streets." The album followed a 1997 double CD release of a live performance recorded in Colorado.

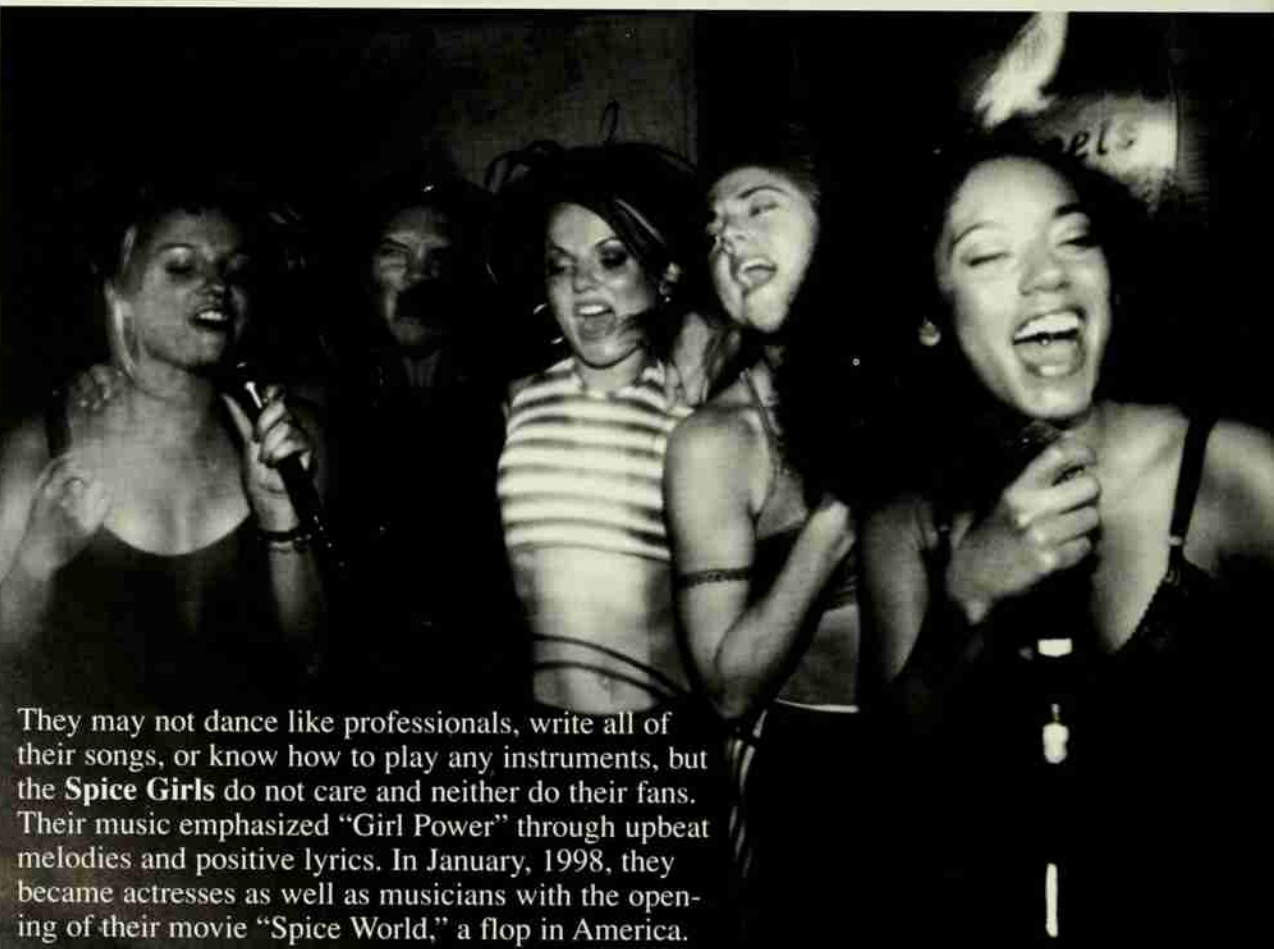
It seemed as though **Paula Cole**'s arrival at the top of the music charts came out of nowhere. Her song, "Where Have All The Cowboys Gone?" made it to number one and helped her earn a Grammy Award.



After winning the 1997 MTV Music Award for "Best New Artist in a Video,"

Fiona Apple gave a controversial acceptance speech

in which she criticized the industry that awarded her. In 1998, Fiona then won a Grammy for "Best Female Rock Vocal Performance" for her video "Criminal."



They may not dance like professionals, write all of their songs, or know how to play any instruments, but the **Spice Girls** do not care and neither do their fans. Their music emphasized "Girl Power" through upbeat melodies and positive lyrics. In January, 1998, they became actresses as well as musicians with the opening of their movie "Spice World," a flop in America.



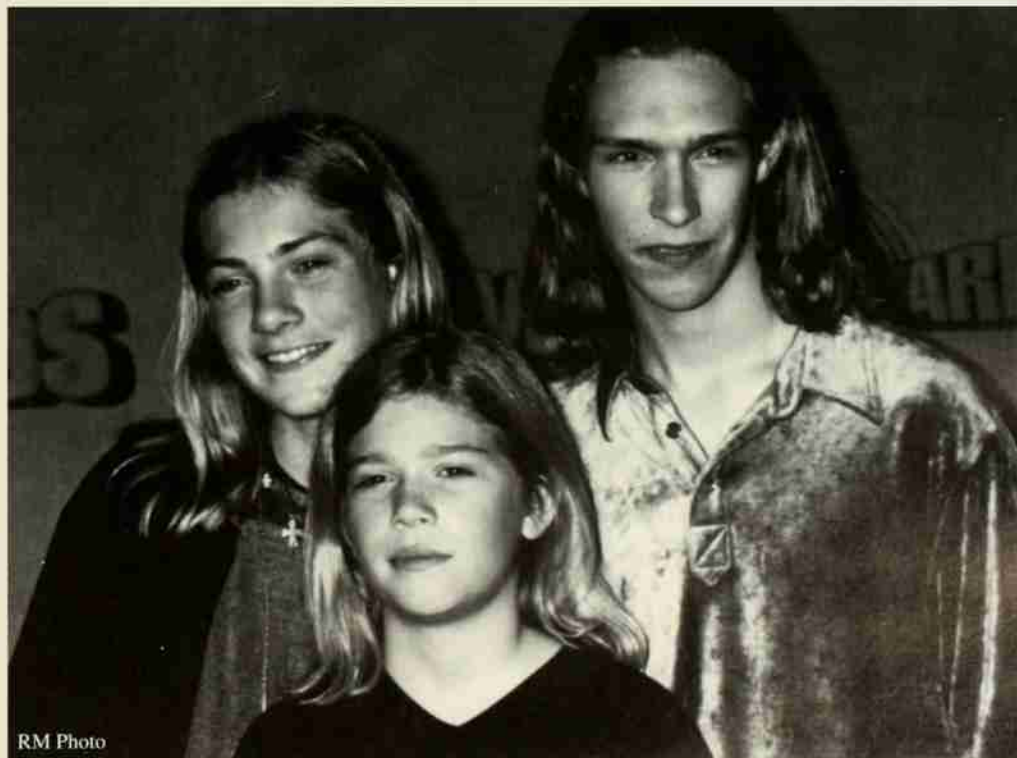
Although she had been singing folk-rock music years before stars like Jewel, it was not until the release of her album, "A Few Small Repairs" that **Shawn Colvin** made it big. She won a Grammy for "Record of the Year" and also "Song of the Year" for her hit single, "Sunny Came Home."



RM Photo



RM Photo



RM Photo

With the release of his album, "Everywhere," **Tim McGraw** became America's hottest country singer. He also became a father when his wife, Faith Hill, had a baby in May 1997.

Before becoming teen sensations, **Hanson** wrote music in their garage and performed outside clubs. The brothers from Oklahoma have now sold over \$12 million in album sales.

Three years and 200 million dollars later, the latest movie version of the story of **Titanic** was released. Director James Cameron's "Titanic" exceeded all expectations and eventually surpassed **Star Wars** as the top grossing film in America's history. "Titanic" walked away from the Academy Awards with eleven Oscars, though none went to the movie's actors, which included Kate Winslet and Leonardo DiCaprio.



20th Century Fox

Notable People Who Passed On

May 1997 - May 1998



Folk singer **John Denver** (1943-1997), died when he crashed the small project plane he was flying. Denver was most famous for his hit "Rocky Mountain High."

Bebe (last dolphin to play Flipper)
 Sonny Bono (singer, politician)
 Lloyd Bridges (actor)
 Harry Caray (baseball announcer)
 John Denver (singer)
 Diana, Princess of Wales (royal)
 Nancy Dickerson (journalist)
 James Dickey (writer)
 Chris Farley (comic)
 Heaven's Gate (cult)
 Ben Hogan (golfer)
 Richard Hornberger (writer)
 Michael Huchence (musician)
 Kenny (South Park)
 Michael Kennedy (a Kennedy)
 Charles Kuralt (journalist)
 Audra Lindley (actress)

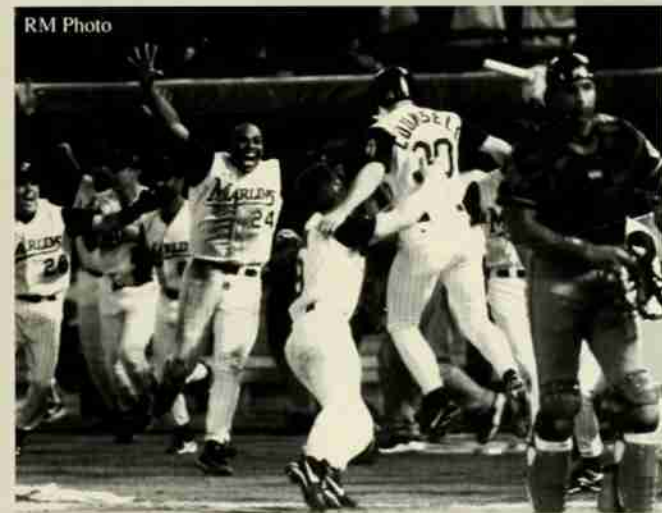
J. Anthony Lukas (writer)
 Linda McCartney (photographer, BEATLE wife)
 Burgess Meredith (actor)
 Robert Mitchum (actor)
 Pol Pot (dictator)
 Terry Sanford (politician)
 Seinfeld (the TV show)
 Betty Shabazz, Ph.D (Malcolm X's widow)
 Red Skelton (comic)
 Dr. Spock (author)
 Jimmy Stewart (actor)
 Brandon Tartikoff (executive)
 Mother Teresa (nun)
 Gianni Versace (designer)
 Tammy Wynette (singer)

RM Photo

Winter Olympics... Inaugural Season of WNBA... Bull's win 5th NBA Championship... Martina Hingis becomes youngest woman to win Wimbledon... Denver Broncos bring the AFC their first Championship in 13 years.... Mike Tyson bites Holyfield's ear in title bout... Marlins win Major League World Series...

Sports News

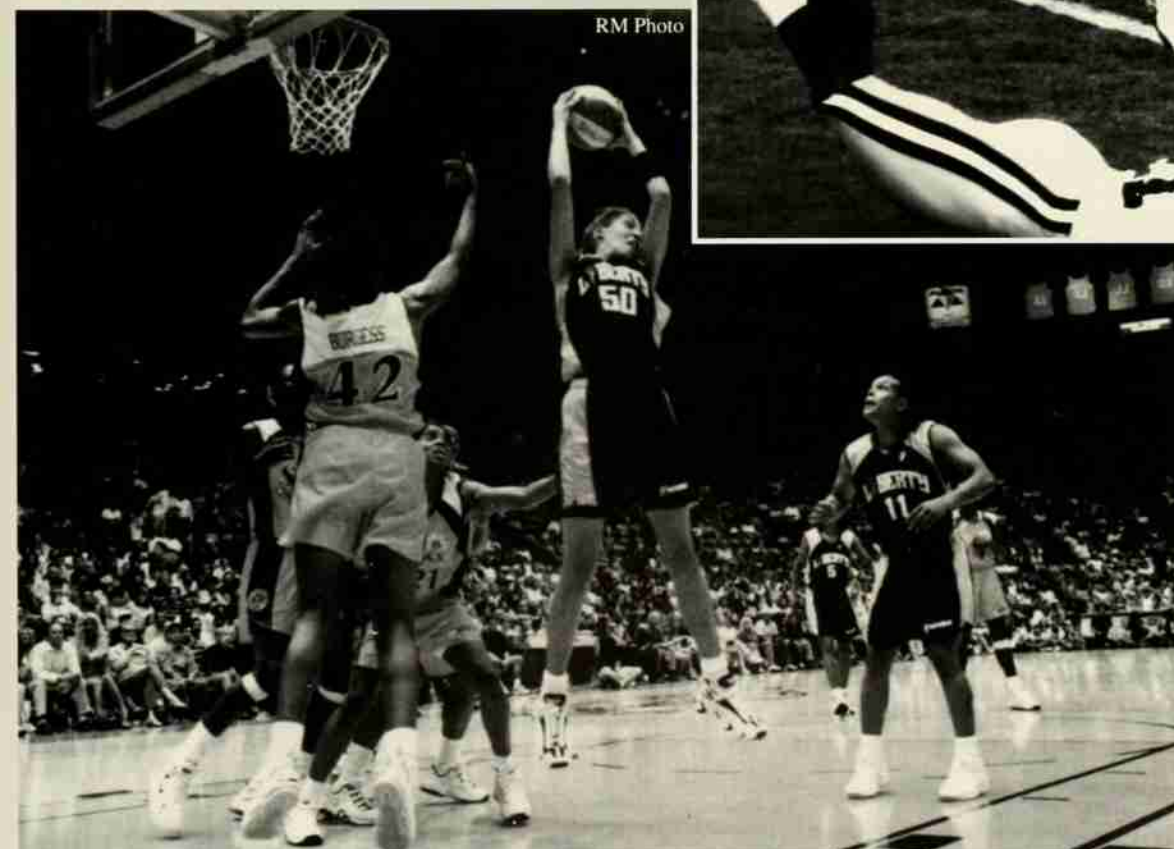
In their fifth year in Major League Baseball, the **Florida Marlins** became World Champions in 1997. The Marlins tied the Cleveland Indians in the ninth inning in the seventh game, and went on to win during the eleventh inning with a score of 3-2.



In one of the most competitive games in Super Bowl history, John Elway and Terrell Davis led the **Denver Broncos** to a 31-24 upset of the Green Bay Packers in Super Bowl XXXII. The Broncos' first championship ended the 13-year AFC Super Bowl losing streak.



RM Photo



The **WNBA** (Women's National Basketball Association) completed its inaugural season with the Houston Comets defeating the New York Liberty for the championship. The league announced it would expand from eight to ten teams in 1998.



Congratulations to the
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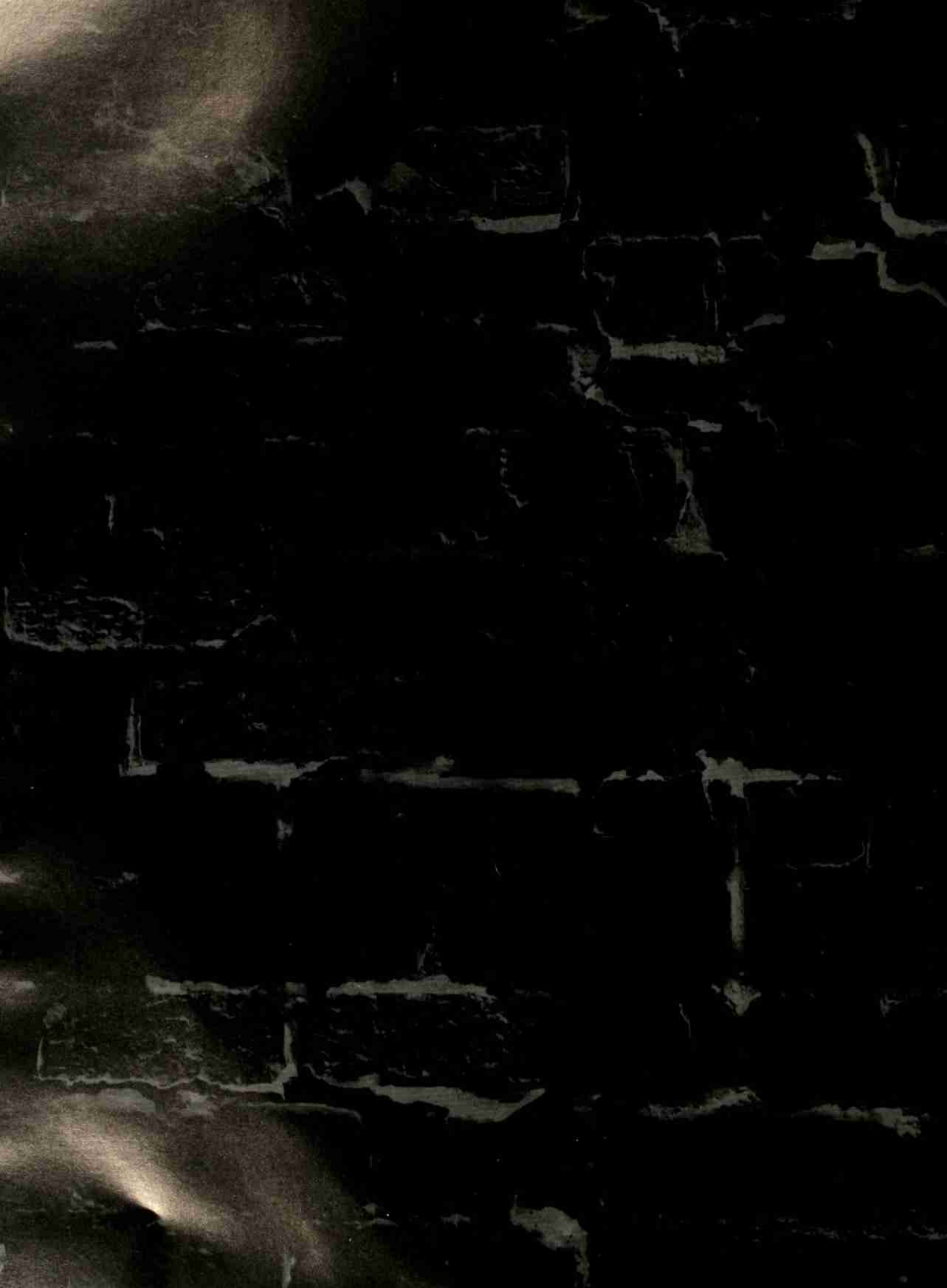
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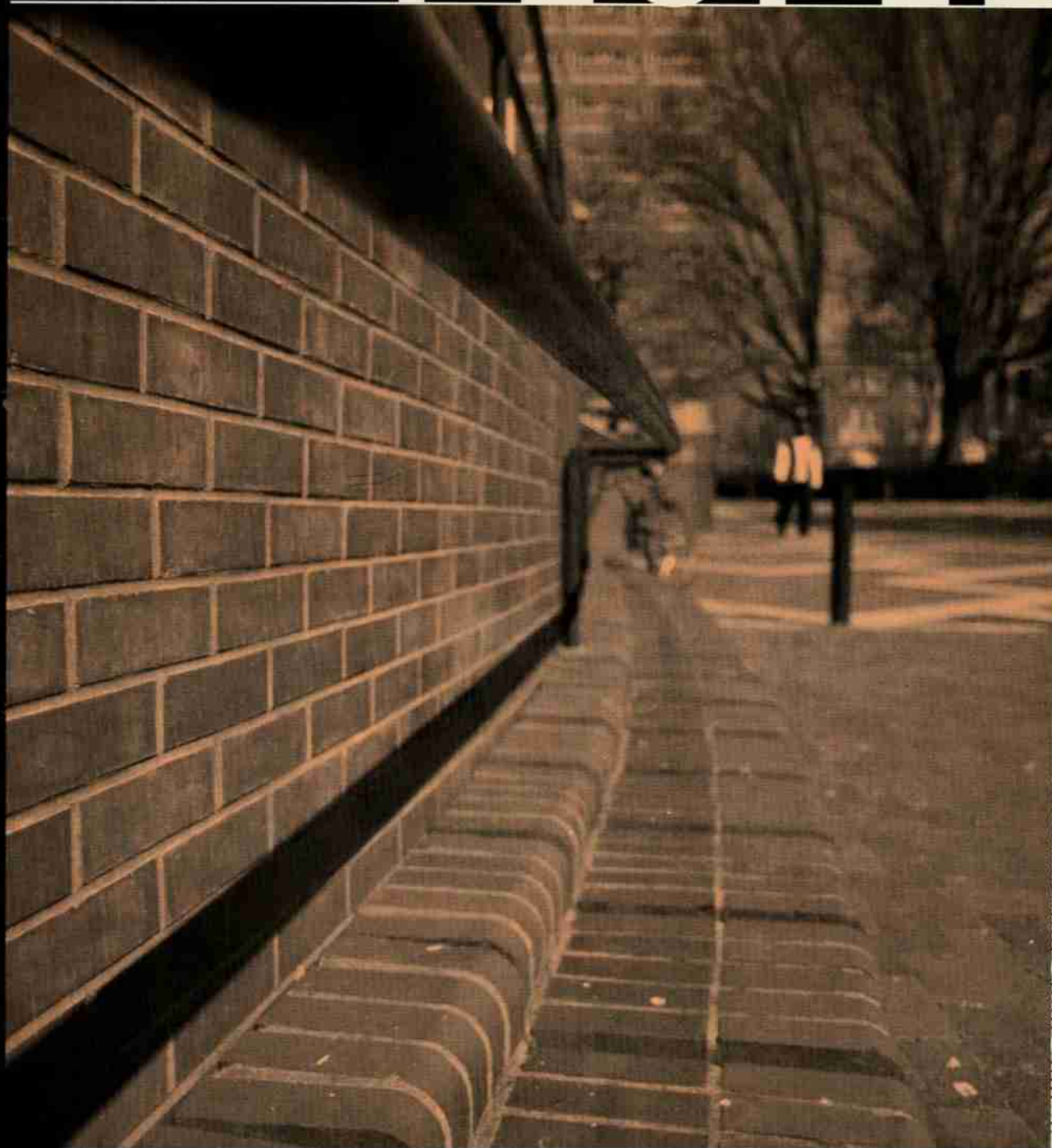


PEOPLE





PEOPLE



seniors

ABDULHADI-BRAUN

HATIM ABDULHADI



DAVID ADAMS



SUSAN ADAMS



DEBRA ALMANZA



JOHN ANDERSON



RODNEY ANDERSON



AMY ARNOLD



WILLIAM BAGLIANI



FRANKLIN BARET



MARDRELL BARNES



NAOMI BECKER



ALICE BENNETT



SANTIAGO BERNAL



JENNIFER BERNARD



ROBERT BETKA



HAPPI BLACKWOOD



JENNIFER BLAKE



JOHN BLAKENEY



GRAEME BOLTON



KLEIST BOWMAN



AMY BOYD



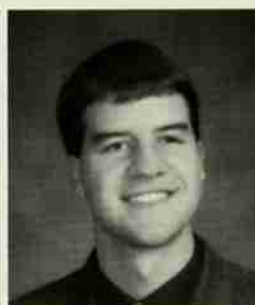
TARSHA BOYD



CRYSTAL BOYKIN



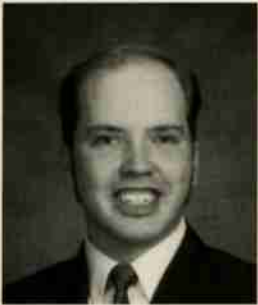
JASON BRASWELL



JILL BRAUN



BRIGHT-CARR



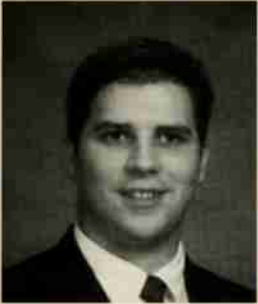
JASON BRIGHT

ROCHELLE BRINSON

NATALIE BROOKS

ADRIENNE BROWN

RHONDA BROWN



RYAN BROWN

SHANITA BROWN

STEPHANIE BROWN

WADE BROWN

ERIC BRYANT



KATHERINE
BUCKINGHAM

SHANNON BUMGARNER

EUGENE BUR

CLAIRE BURTON

JASON BURTON



QUINCY BYRD

JAMIE BYRUM

RICHARD CABE

ALFREDO CALVO

CHRISTOPHER CAMPBELL



JOHN CANNADY IV

MICHELLE CARDWELL

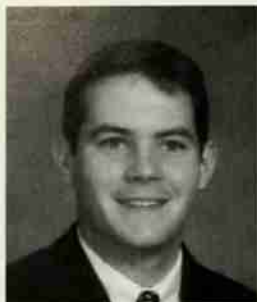
ANGELA CARMICHAEL

KEVIN CARNES

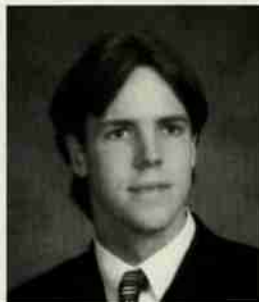
HEATHER CARR

CARTER-DANCHI

CHRISTOPHER CARTER



MICHAEL CASH



ANNA CHAMIS



AMY CHEUK



WINWARD CHU



CHRISTOPHER CHUNG



MELISSA CIFALDI



MANDY CLACK



TABETHA CLEMONS



MICHAEL CLICK



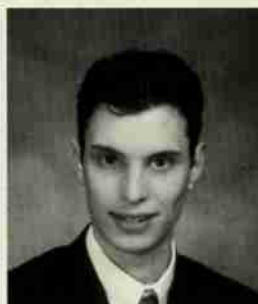
MICHAEL CLINKSCALES



NEA CONDOTA



JONATHAN CONNOR



JEFFREY COOK



JOHN COOK



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RICHARD DANCHI



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JOHN DANEHOWER



TIA DAVIS



SAMANTHA DAWKINS



CHRISTINA DEARMAN



KELLEY DENNINGS



ANDI DESAUTELS



MARC DESHAIES



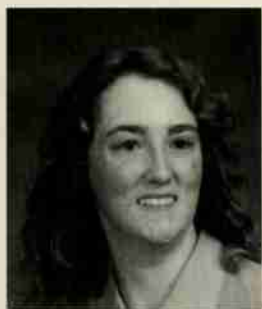
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STEPHANIE DOBBINS



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THUHUONG DUONG



AMY DUSENBURY



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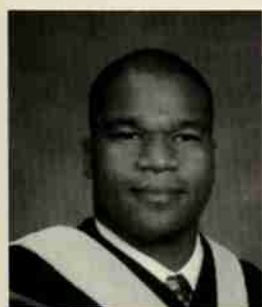
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VALDERINE EDGECOMBE



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ROBERT EDWARDS



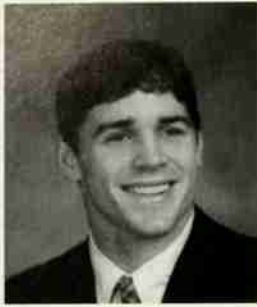
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EDWARD ELROD

FARNHAM-GULAKOWSKI

KEVIN FARNHAM



JAIME FARROW



AUTUMN FERGUSON



JESSICA FLYTHE



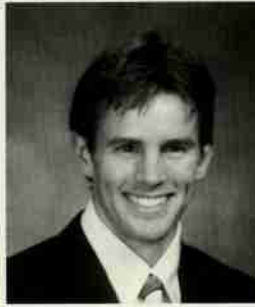
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MATTHEW FOGLEMAN



PAUL FORESTER



KATIE FORREST



CARISSA FRAMPTON



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RICHARD FRIZZELL



MICHAEL FROST



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IRA GOODNIGHT



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MARCELYN GORE



GREGGY GRIFFIN



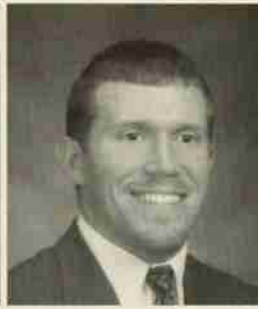
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GURGANIOUS-HOCHANADEL



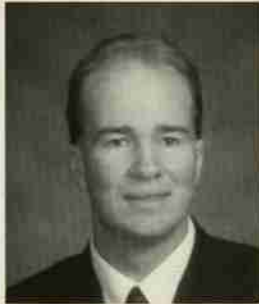
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JOHN HALL

ALLEN HAMMERMANN

SHANNON HAMRICK

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STEVEN HARLASS

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ANDREW HARTSELL



SAMUEL HARTSELL

ASHLEY HARWELL

MELISSA HASTINGS

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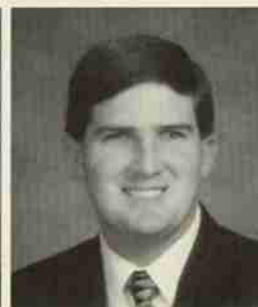
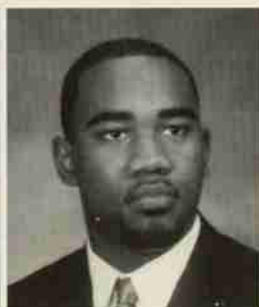
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JASON HERMAN

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KEVIN HOLCOMB



CAROLYN HOLLOWAY



JOHN HORNBERGER



SETH HOWARD



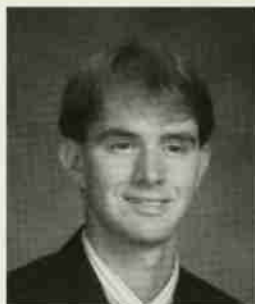
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BRANDON JOHNSON



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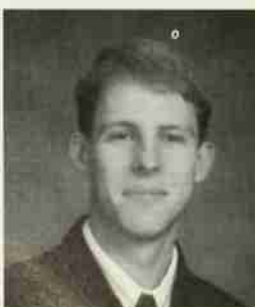
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NANCY JONES



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MARY KAMMERMAN



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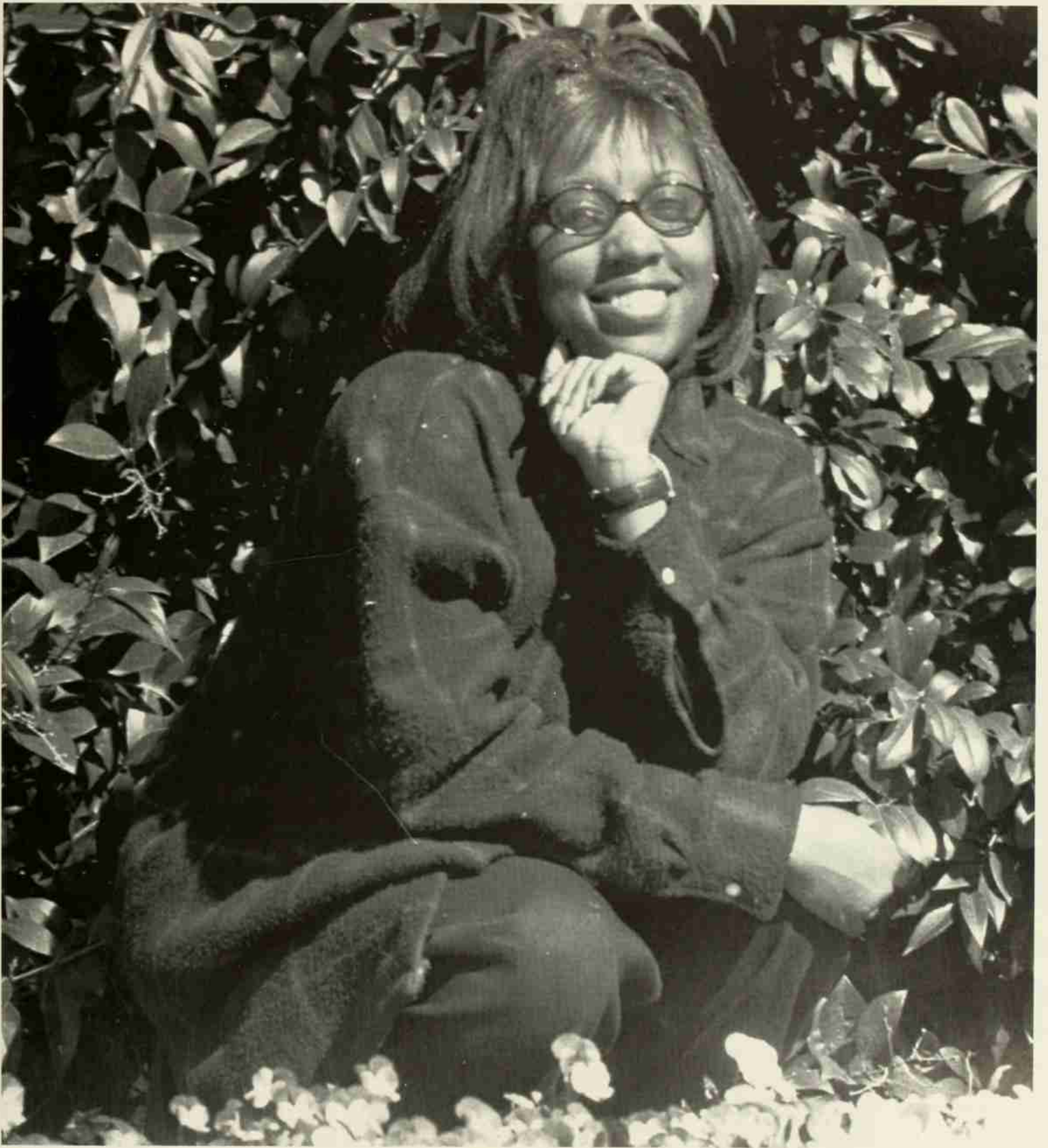


SHANNON KEATON



OLIVIA KEEL



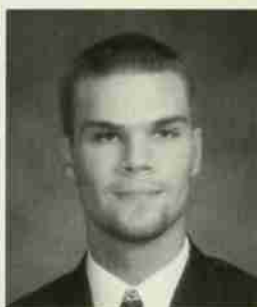


KEENER-LICHTNER

JUSTIN KEENER



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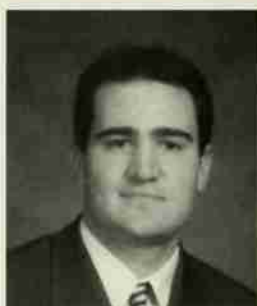
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KATIE LENTZ



DONOVAN LEONARD



HANNA LICHTNER



LIVERMON-MCKINLEY



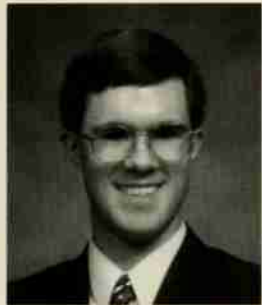
NANCY LIVERMON

KELLEY LONG

EFFIE LOUKAS

MELISSA LOVE

SHERRY LOWE



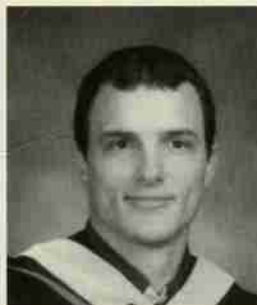
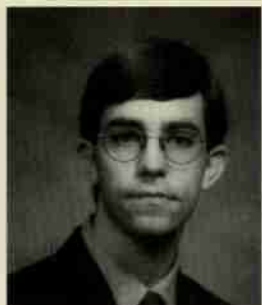
BRADLEY LUCAS

ROBERT LUKE

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MATTIE MABE

AMY MABERY



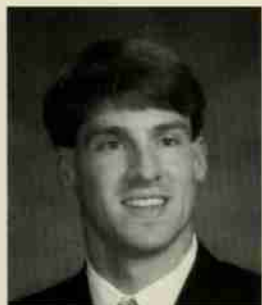
KEVIN MACHERIONE

DARSEY MACPHAIL

MICHAEL MADRITCH

RITA MARLEY

GAY MARTIN



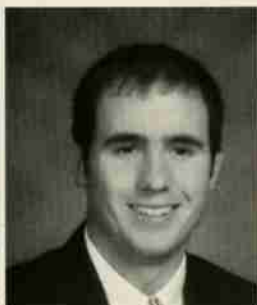
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ROBERY MAYS III

AMY MCBRIDE

DENNIS MCBRIDE

LINDSAY MCCASKILL



PEGGY MCCAULEY

KELLY MCCULLEN

KEIGH MCDANIEL

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BRENDAN MCKINLEY

MCKINNEY-NEALE

ALAN MCKINNEY



LASHAWNDA MCKINNON



LYDIA MCKOY



ASHLEY MCVEIGH



CAROLINE MEDLIN



CHRISTINA MEDLIN



JESSE MENAYAN



ERIN MERICLE



CIRA MERVIN



MICHAEL METROSKY



TRACY METZ



BROOKE MILLER



DONALD MILLER



RALPH MILLER



AMY MITCHELL



CHERROL MOORE



KENISHA MOORE



MATTHEW MORGAN



CHASITY MORTON



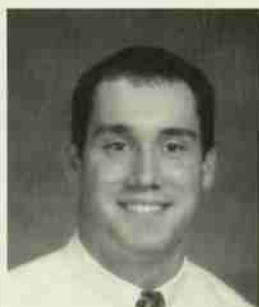
HEATHER MURPHY



CARYLYNN MURRELL



ROBERT MYERS



PETER NASLUND



JULIE NEAL



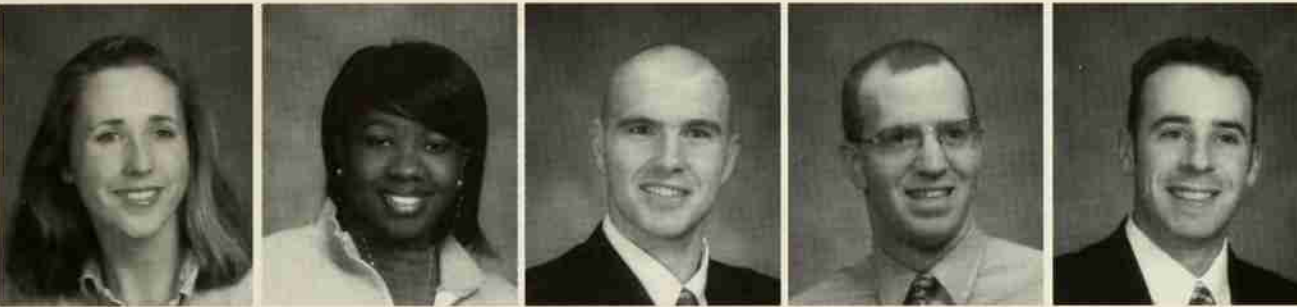
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NEAVES-PYFROM



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SUNSIERRA NEWSOME
MY-NGA NGUYEN
TAMARA NICHOLS
EMILY O'QUINN



REBEKKA OLSEN
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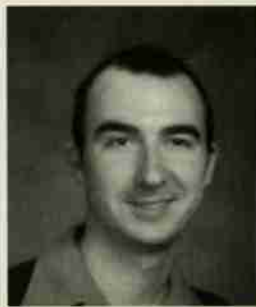
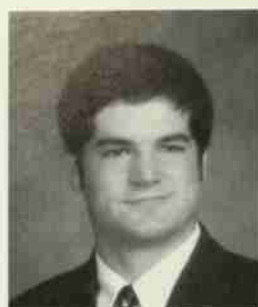
DAVID QUINN

ANGELA RADFORD

STEPHANIE RENEGAR

DANNIELLE REYES

BRANDON REYNOLDS



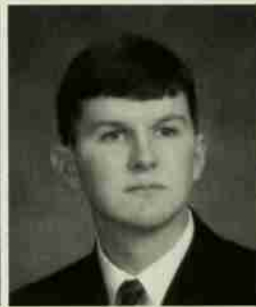
HEATHER RHEA

CAROLINE RHOADS

JENNIFER RICHARDS

SHARON RIFE

RANDALL ROBERTS



C RODRIGUEZ-EBERT

DARREN ROE

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JENEE ROLAND

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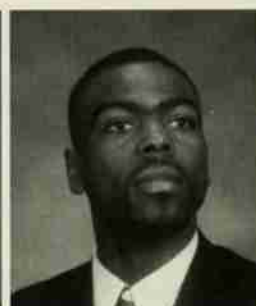
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SHAUNA RUSSELL

MARK SACKFIELD II

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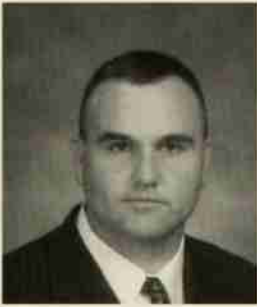
ALLYSON SCOTT

JEANINE SCOTT

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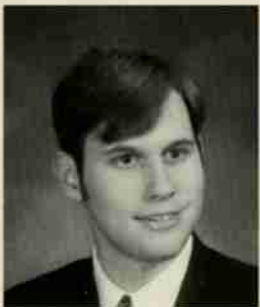
SHUGART-THOMPSON



TODD SHUGART
DANIEL SKINNER
CHRISTOPHER SMITH
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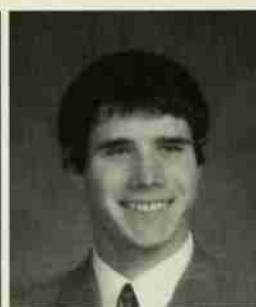
CRYSTAL WILLIAMSON



JASON WILLIS

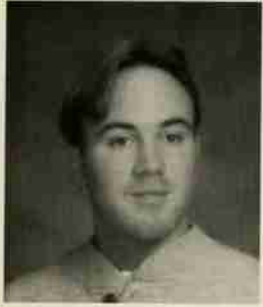


CHARLES WINSTEAD



STEVEN WINTERHALTER

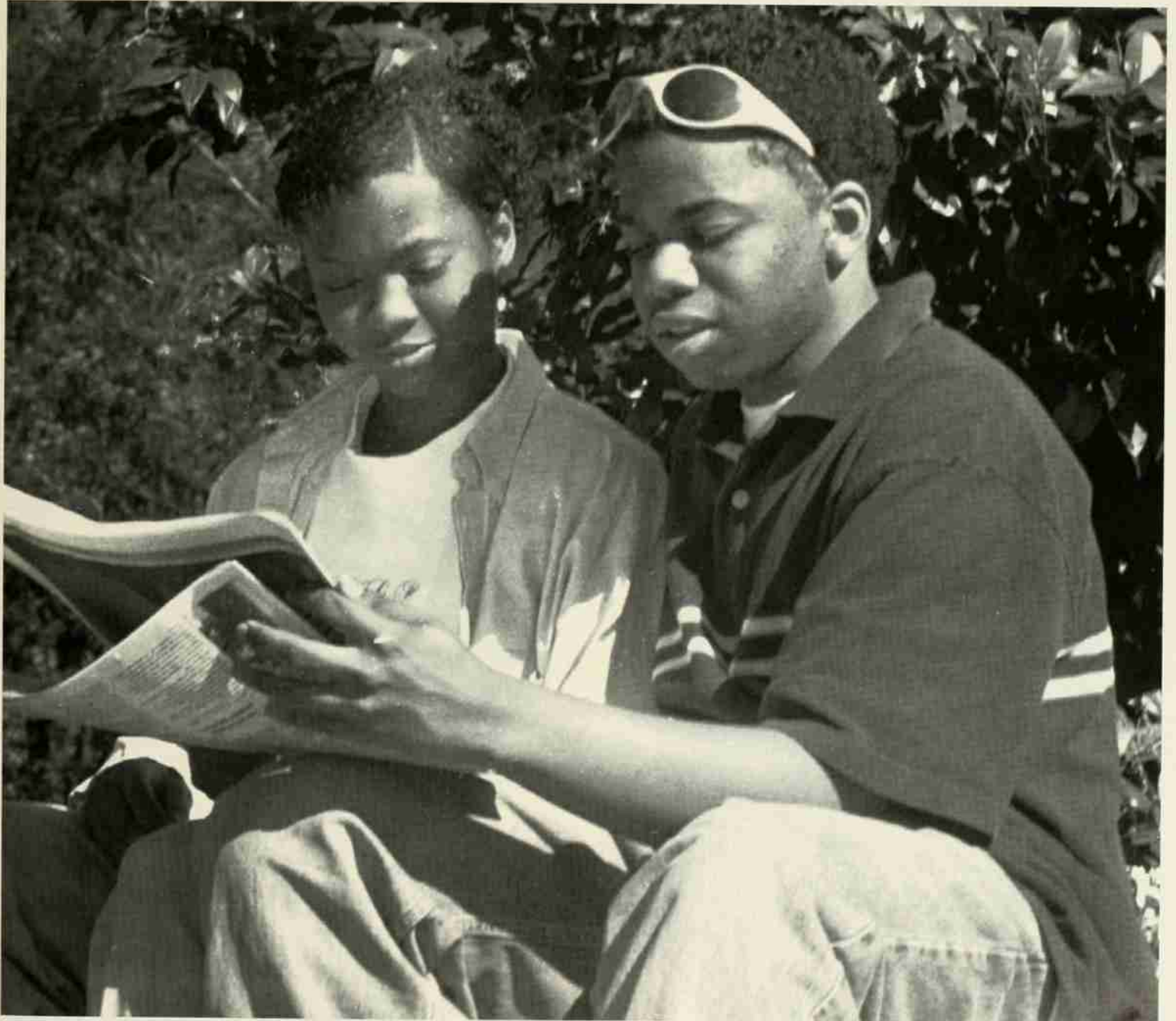




JEFFREY WOLF

GREGORY YOUNG

CARA YOUNGBLOOD



Jennifer Ann Bernard,

We love

you and your excitement for life

We admire

your grace, courage, and self confidence

We appreciate

your love of family and friends

We trust

in your many talents and skills

We believe

you have the wisdom to use them well

We know

you are capable of accomplishing anything you decide to do

We remember...



Mom and Dad

Mary Catherine Pollard



Congratulations Mary!
We are so proud of you!
Love, Mom and Dad

Kristopher R. Smith



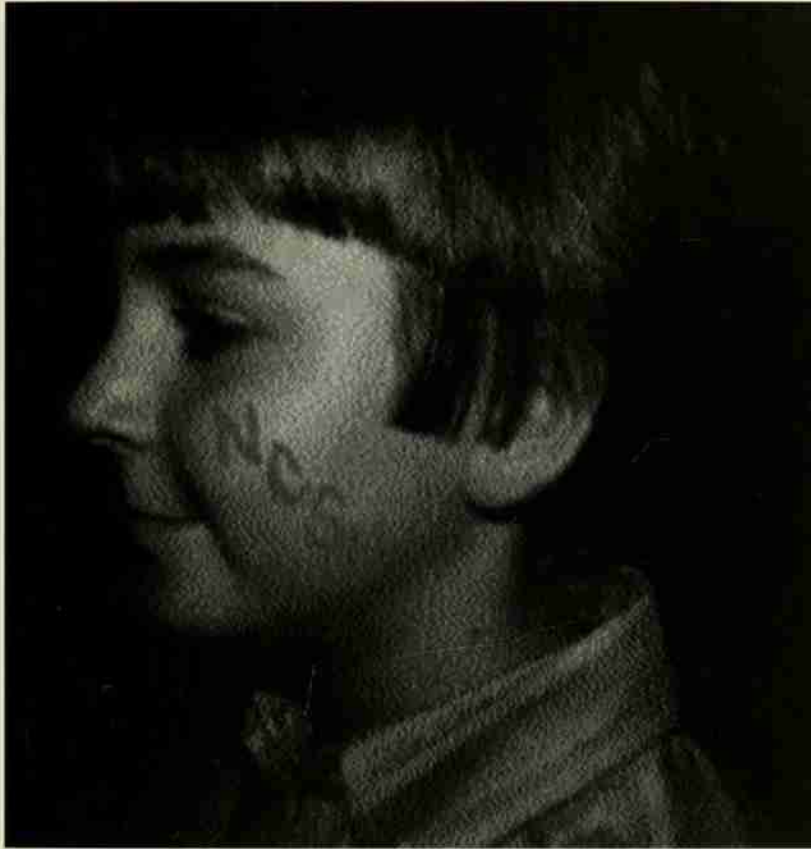
Life is a balance-
as long as you use
the right scale.

Congratulations on a
terrific 4 years.

Love,
Mom, Dad, and
Whitney



CONGRATULATIONS TO
JERRY SHANNON JACKSON
BACHELOR OF SCIENCE DEGREE
METEOROLOGY

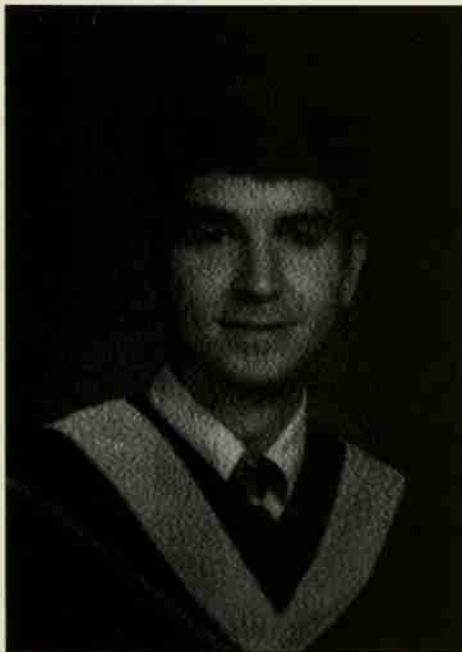


Your initial goal in life was to seek out a new profession with new opportunities.
With non-interference your Prime Directive

You kept your phaser set on stun
Since mankind is often highly illogical
You've learned that Having is not so pleasing a thing as Wanting; it is not logical but it is often true.

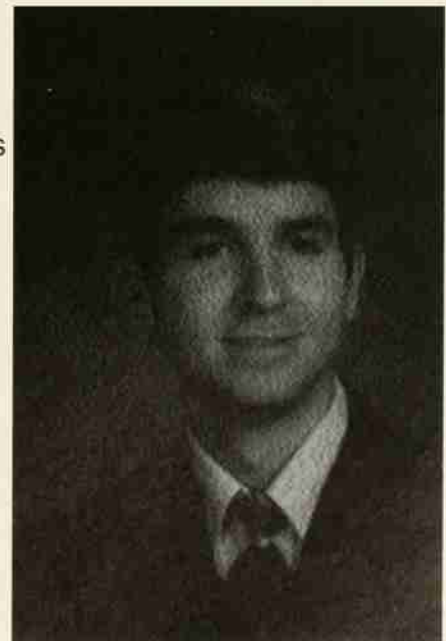
Now with your new degree in meteorology it's now your turn to go out into the world and boldly go where few men have gone before.
It's now your goal to live long and prosper

But just remember, don't put all your ranking officers into one shuttlecraft
When your logic fails, remember where to place your trust; in God, for in Him,
ALL THINGS ARE POSSIBLE.

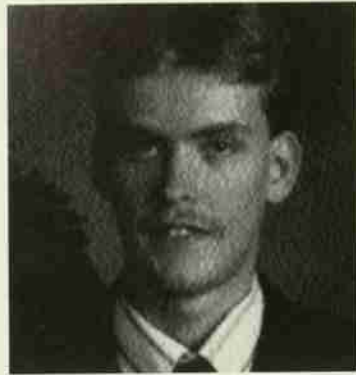


Our love, pride, hopes, and dreams
now extend to the next generation
Enjoy the trek, Shannon
We love you

Our love forever,
Mama, Daddy, and
Christopher



Congratulations Keith McDaniel



Keith we congratulate yo for your hard work and outstanding achievement. Your goals are high. You are an ambitious, determined person. We are proud of you, and confident you will succeed in whatever you set your mind to do. We support your decisons. You are a level headed person.

We knew you would graduate from N.C. State. You had the determination it takes. You will be successful!! Keith we love you.

Your Parents, and Grandparents.

Congratulations Jennifer Leah Knight

!!YOU DID IT KIDDO!!

CONGRATULATIONS ON A SUCCESSFUL COLLEGE CAREER. WE LOVE YOU VERY MUCH AND ARE SO PROUD OF WHAT YOU HAVE ACCOMPLISHED. HARD WORK AND DETERMINATION WILL ENSURE SUCCESS IN YOUR FUTURE ENDEAVORS AND OUR LOVE AND SUPPORT WILL FOLLOW YOU WHEREVER YOU GO. A SUCCESSFUL AND HAPPY FUTURE AWAITS YOU.

LOVE ALWAYS,

MOM AND DAD

Congratulations Billy Parker

We are so proud of the hard work you put forth and never giving up or forgetting your goals. God Bless.

Love,

Mama, Daddy, and Jennifer

Congratulations Frank J. Pereira, Jr.



Frank, while leisure suits may be a thing of the past, hard work and determination are not. With the Lord's help, your efforts have gotten yu to this significant milestone in your life. You've made us all proud. Congratulations and best wishes!

Love,

Dad and Mom, Janene and Joy



Heather,

What a journey it has been from Stepping Stones Pre-School in Falmouth, Maine to N.C. State University in Raleigh, North Carolina! We could not be any prouder of you and your accomplishment! While we still see you as our little girl we realize you are now a successful woman with unlimited potential ahead of you.

May God continue to bless you.

We love you!

Mom & Dad



CONGRATULATIONS SENIORS...

**THE AGROMECK
STAFF**
*wishes you luck in
the future*



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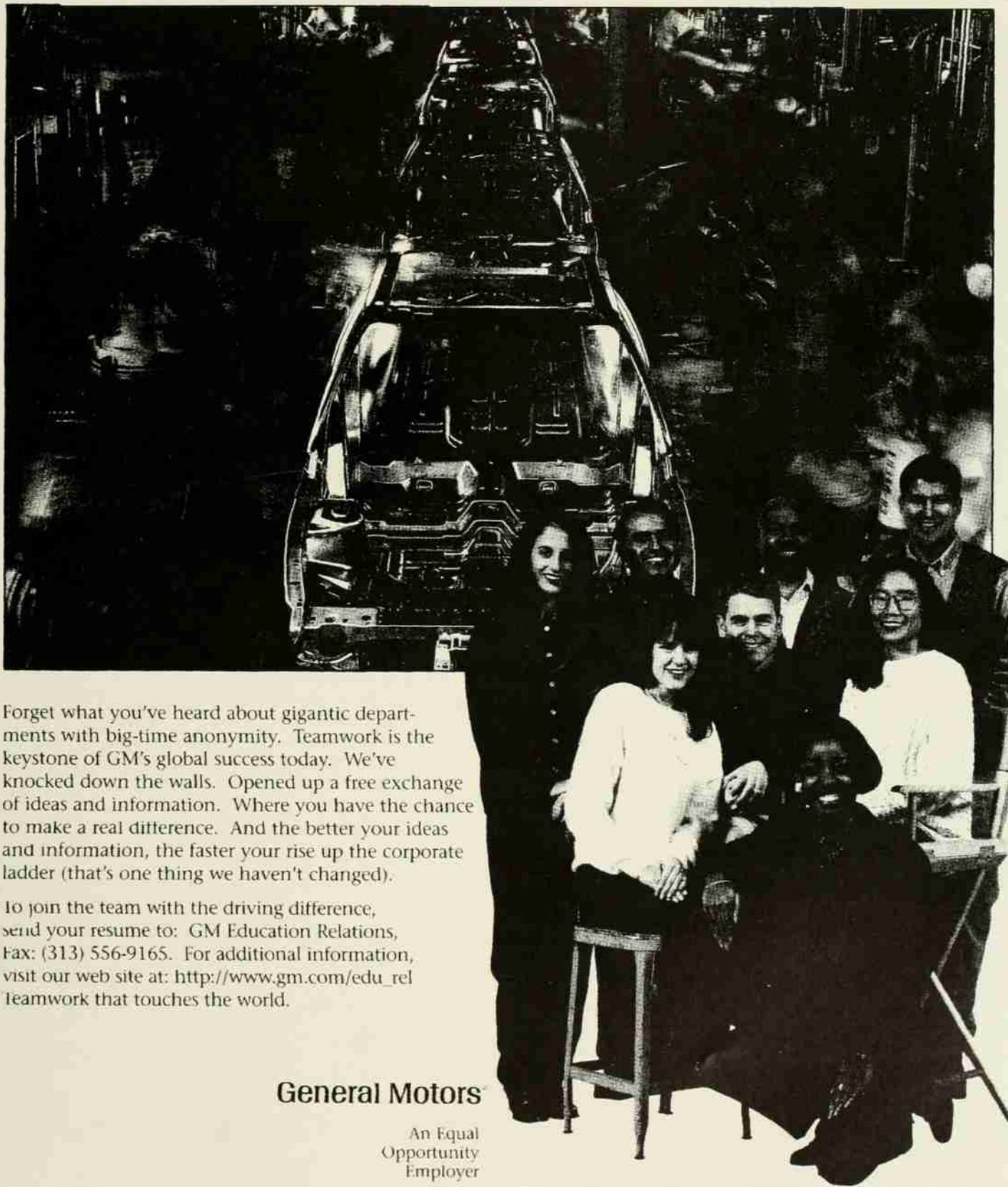
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SPORTS



FOOTBALL

1997 season

6 WINS

5 LOSSES

At the beginning of each fall, the fans of Wolfpack football begin with great expectations. "This is the year, man, when we get it all going!" is a common phrase heard all over campus. Armchair athletes from every walk of life salivate over the new crop of freshmen, the seniors who will make this "their year" and the news from the coaching staff that the team is the most solidified they've seen in years.

But for the two seasons previous to the 1997 campaign, those expectations were quickly deflated by back-to-back losing seasons. After suffering through the two 3-8 campaigns prior to this year, Wolfpack fans began to get a bit weary of all the hype that surrounds the fall and perhaps felt that the upper echelons of the coaching staff that annually praised their "solidified squad" needed some drastic changes.

1997 would hold a different ending for the tired, same old story for the Pack, however. And the ending started, oddly enough, at the beginning.

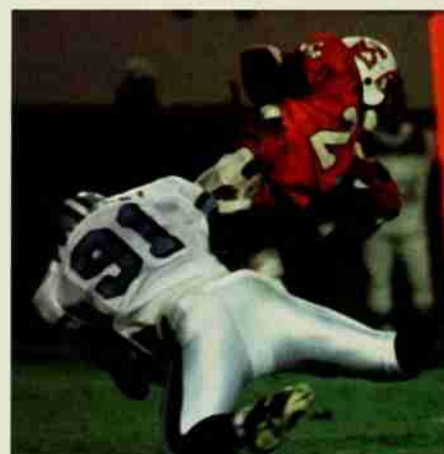
The Pack opened up their season with one of their toughest challenges, a road match up with Syracuse University, ranked among one of the top teams in the country during the pre-season. The odds were heavily stacked against the Pack, but after four quarters they found themselves knotted up at 24-24 and heading to the first overtime game in ACC history. Syracuse struck first, and converted on the extra point to hold a seven point advantage. But the Pack stormed back, and after scoring they huddled up for a quick two-point conversion, catching Syracuse off guard. Before the Orangemen knew it, quarterback Jaime Barnette hooked up with Torry Holt at the goal line for the conversion and the win. It was college football's first big upset of the year, and would be the first of six for the Pack.

The State players never lost their team unity drawing strength from the rubber bands they wore on their wrists. State would win the final three games of the season, with a 45-28 win over Maryland, a 31-24 win over a tough Virginia team and a 37-24 exclamation point against rival East Carolina. So the Pack finished with a winning record of 6-5, the team's first since 1994. And perhaps more importantly for the Pack teams of the future, head coach Mike O'Cain earned a five year contract extension, and helped ensure that State, having turned the corner, remains firmly on track.

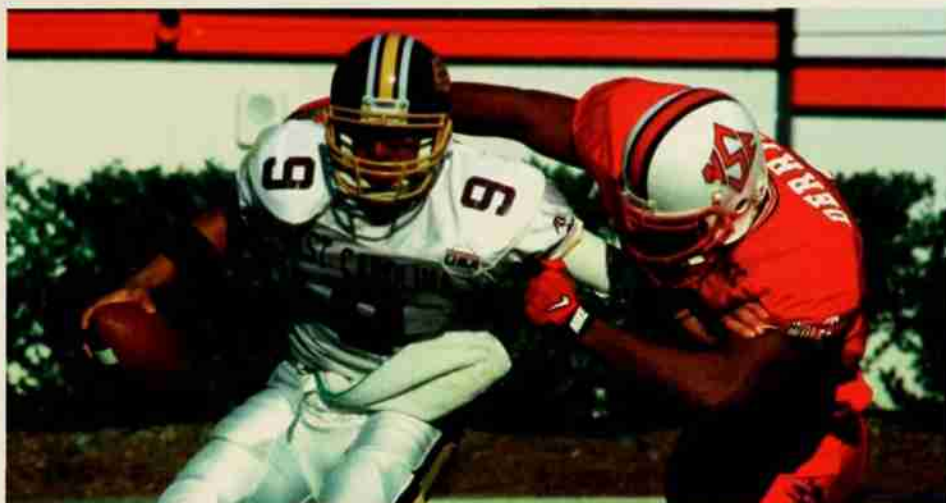
by -JAMES CURLE-



HARVEY



HARVEY



MALECKY



CLAGETT



HARVEY

HARVEY

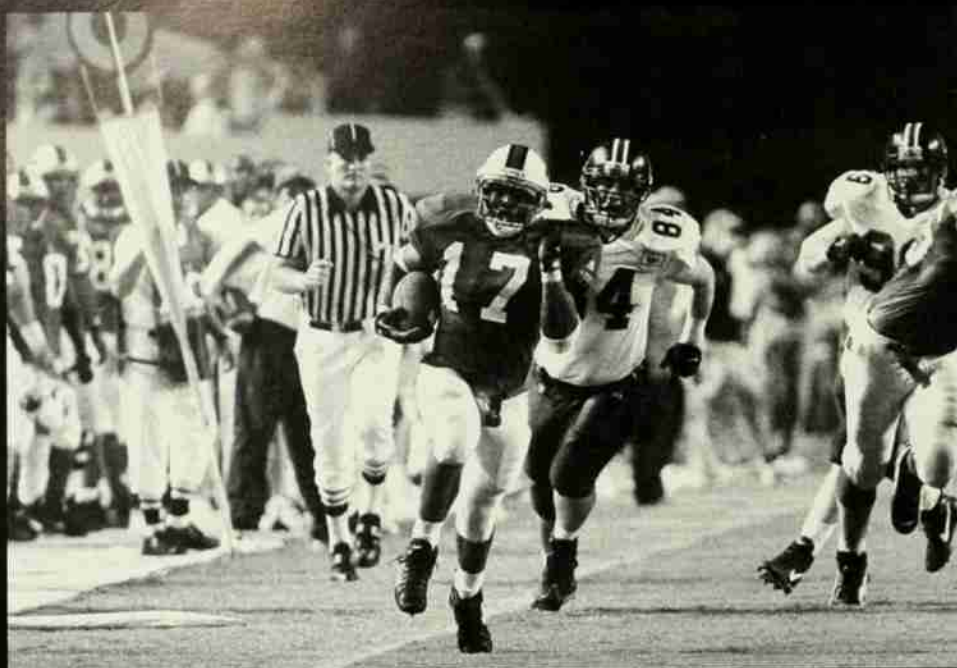


HARVEY

Carlos King emerged

as one of NC State's most versatile players in 1997, after seeing limited playing time as a backup fullback the last three seasons. In the team's first three games of the season, King rushed 22 times for 119 yards, a 5.4 yards-per-carry average. In the Pack's game at Duke, King picked up 75 yards on just eight carries, including a big 15 yard touchdown run in the first half.

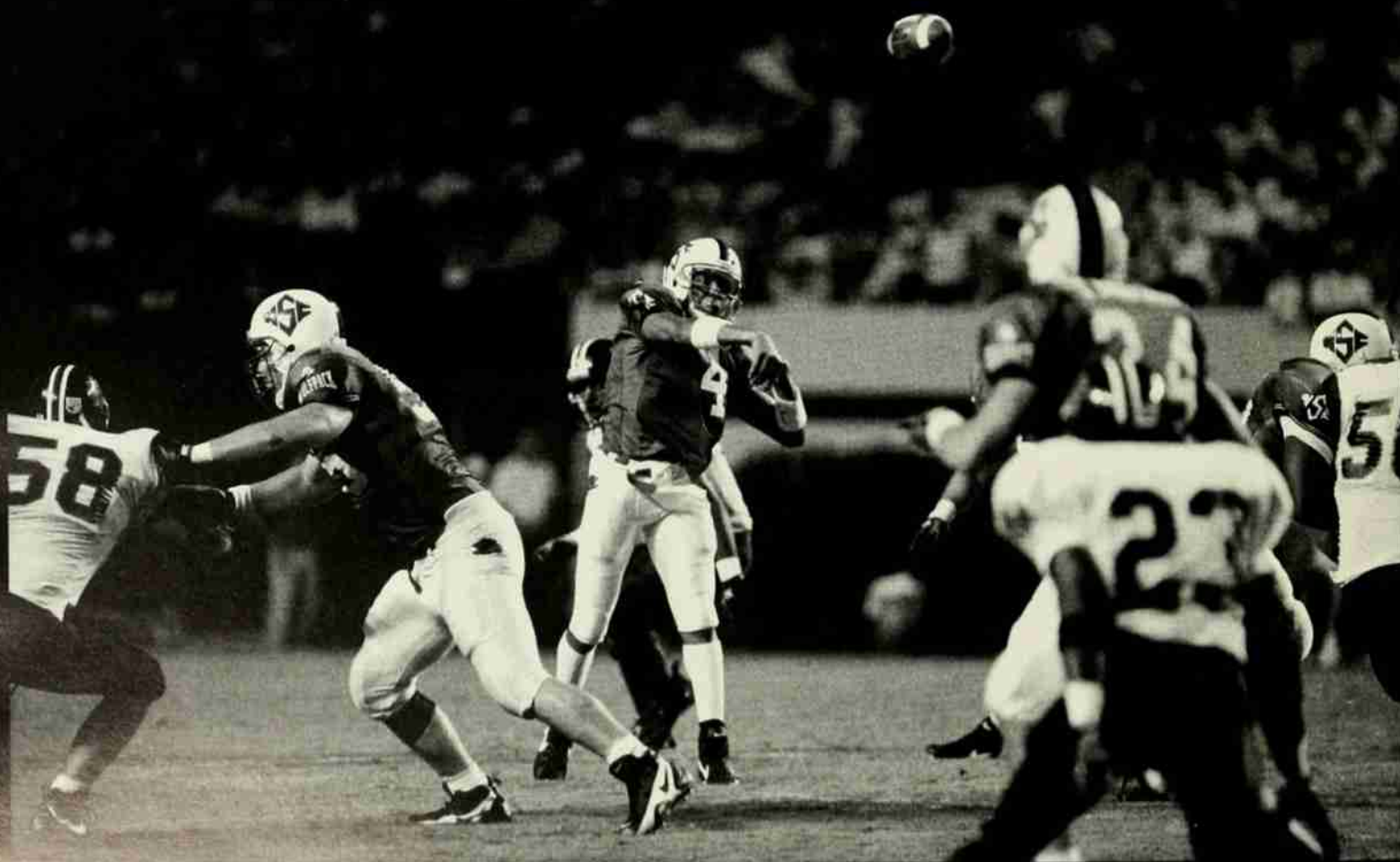
fullback



SEARLE



HARVEY



SEARLE



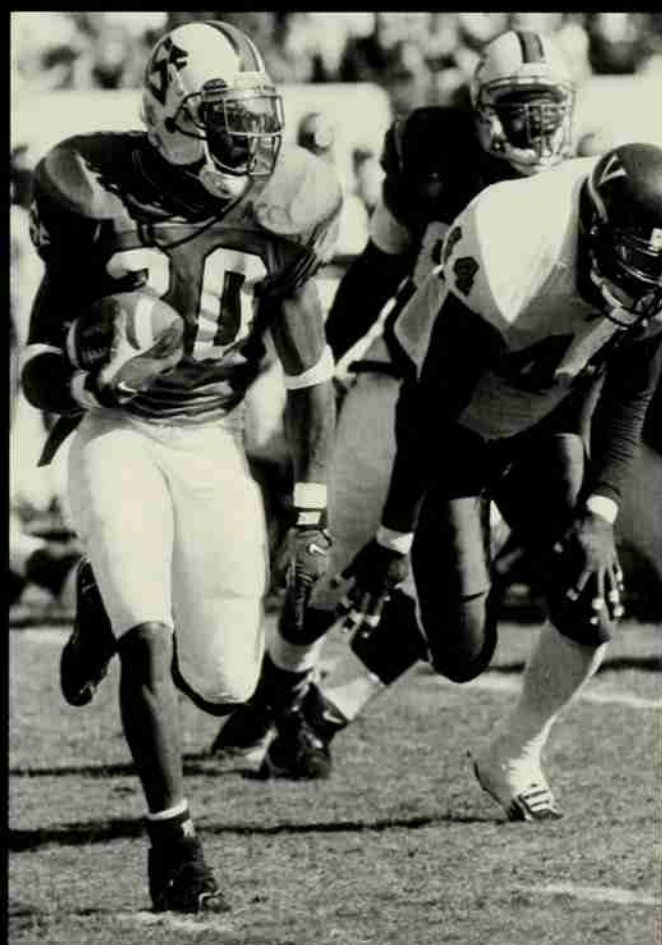
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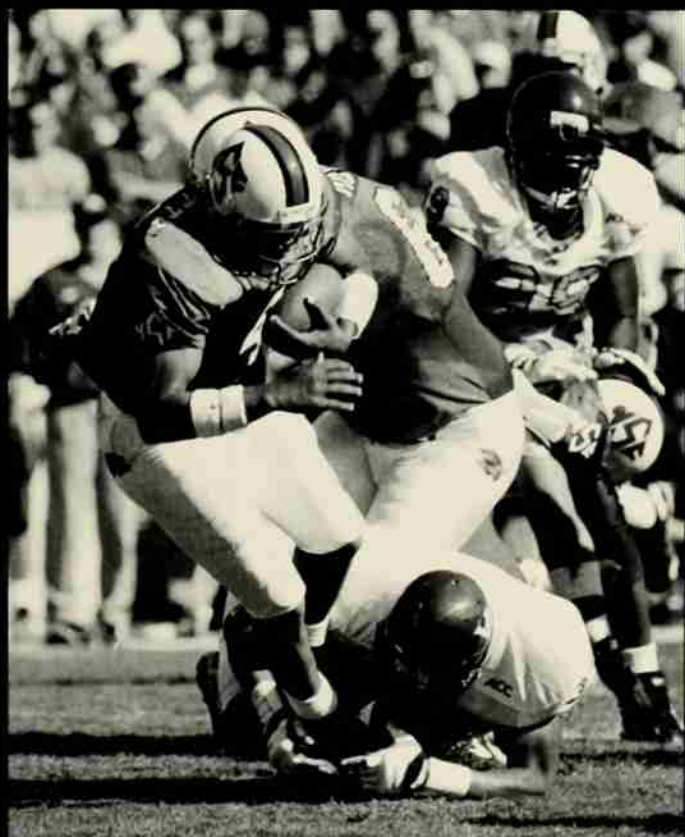
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MALECKY



THOMPSON



THOMPSON

Alvis Whitted, NC State wide

receiver, has built a reputation during his career as one of the nation's top kick-off return men. His emergence as a fleet-footed athlete is anything but a surprise, though. After all, he is the fastest man in the ACC. Whitted laid claim to his title in 1996, when he shattered conference records in the 100 and 200 meter events, recording a 10.02 and 20.03 respectively at the ACC track championships. That summer he finished sixth in the 200-meter finals at the Olympic Trials in Atlanta, running against Michael Johnson and Carl Lewis.



HARVEY



HARVEY



HARVEY



CLAGETT



HARVEY



HARVEY

Morocco Brown, a senior

linebacker, put up numbers all across the stat sheet vs. Clemson. He had seven first-hit tackles and 11 assisted stops to record 18 tackles, his highest single game total since he tallied 19 stops vs. the Tigers last year. He also assisted on a quarterback sack, had a tackle for a loss, broke up a pass and caused a Clemson fumble. Brown, who has led the Wolfpack in tackles the last two years, is well on the way to becoming the first NC State player to lead the team in tackles three consecutive seasons.

linebacker



SEARLE



SEARLE





STEVENS



SEARLE

MENS SOCCER

1997 season

Under the direction of coach George Tarantini, and using the experience of seven seniors and the talent of twelve newcomers, the Pack started the season strong, with four straight wins, including an impressive come-from-behind 3-2 OT victory over nationally ranked Louisville in the Adidas/Wolfpack Classic, before falling to then No. 1 ranked Indiana.

After the loss to the Hoosiers, the Pack went on a four game winning streak, defeating four nationally ranked teams and earning recognition as the No. 4 team in the nation. Among State's victims, Penn State, and Atlantic Coast Conference foes Maryland and Clemson.

In what will go down as one of the greatest games ever to be played at the famed Method Road soccer stadium, the Pack defeated rival Virginia, 2-1 in overtime in front of its largest home crowd of the season. Freshman forward Nick Olivencia scored both goals for State, the first goals to be scored by the Pack on the Cavalier defense in four years.

The Pack struggled over the next few games, falling to Wake Forest and Radford, and dropping a hard fought match with Duke, 1-0, on a goal that came off a penalty shot in the second half. The Pack's seven seniors picked up their final win at Method Road with a victory over UNC-Chapel Hill.

State's season came to a close with a loss to Wake Forest in the ACC tournament in Orlando, Florida.

by - KIM GAFFNEY

HEAD COACH
GEORGE TARANTINI

ASSISTANT COACH
MATTHIAS BERRANG

GRADUATE ASSISTANT
DWAYNE HAMPTON

GRADUATE ASSISTANT
KYLE CAMPBELL



SEARLE



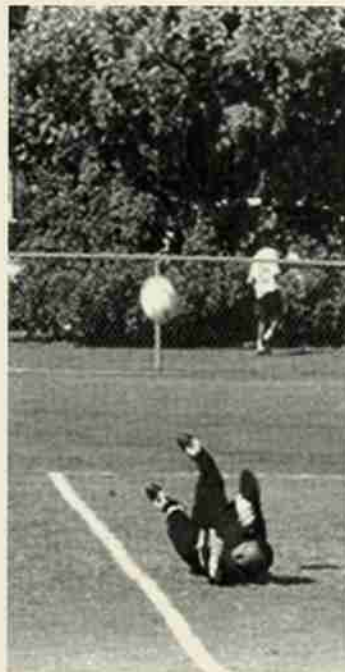
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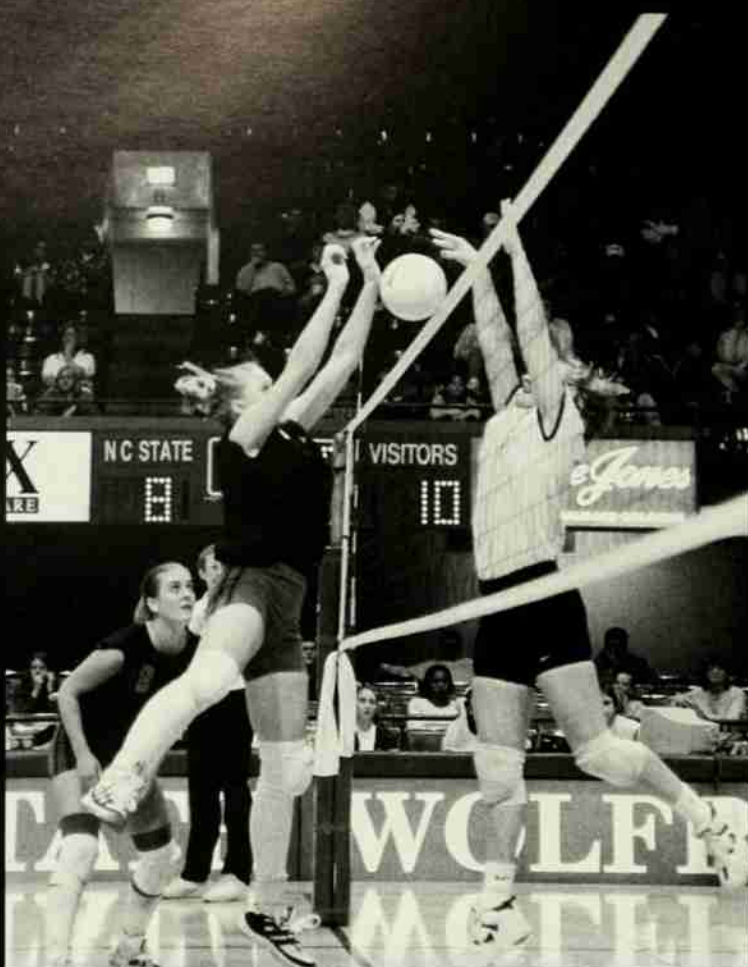
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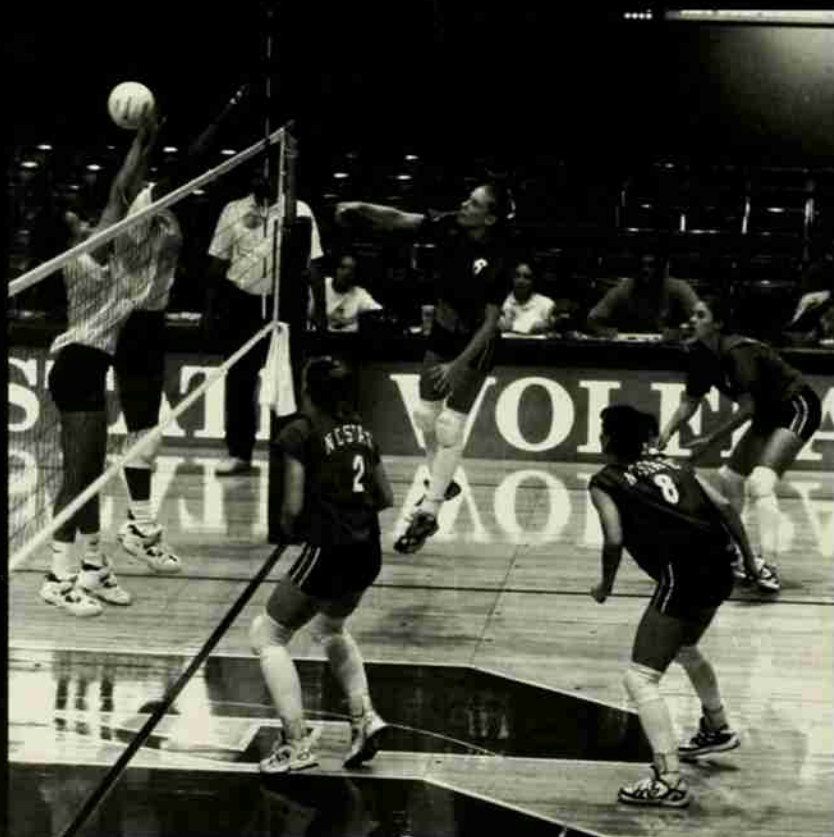
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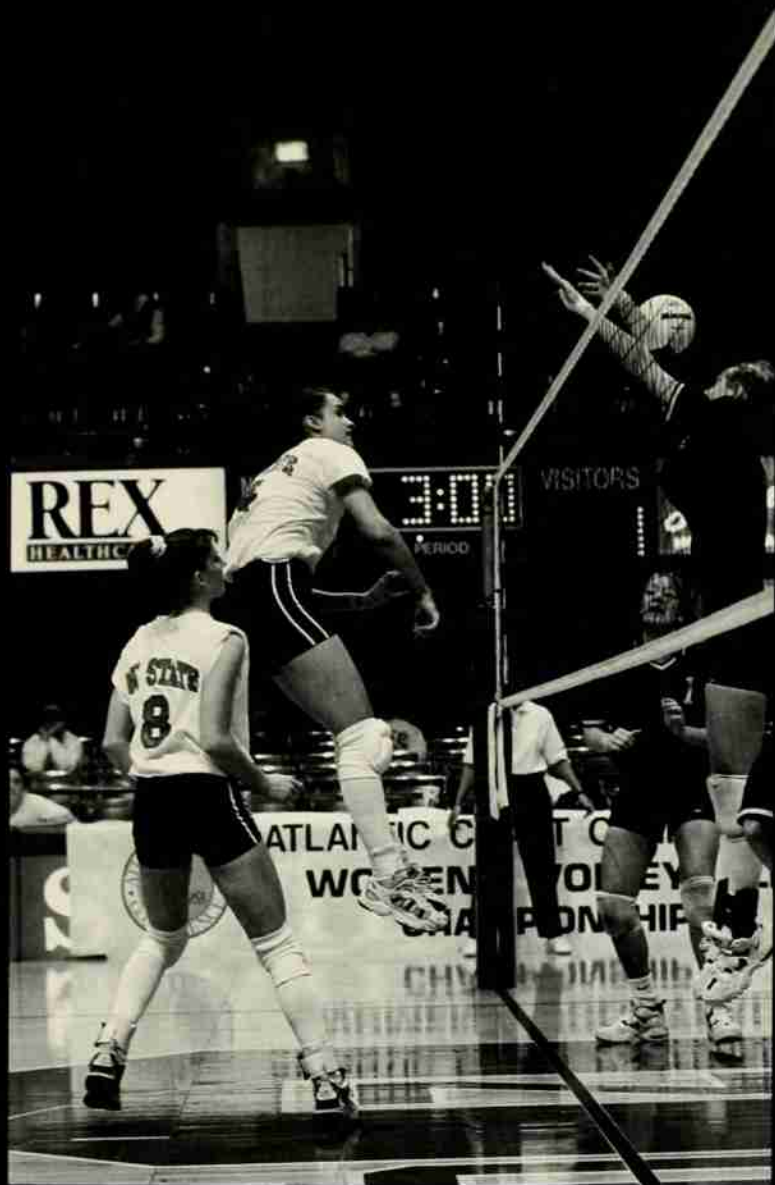
THOMPSON



SEARLE



SEARLE



HARVEY



STEVENS

Four years ago, Kim Hall took over the reigns of the NC State Volleyball program, bringing with her a talented trio of players, fresh off winning the Illinois state high school championship. Four years later, that talent powered the Wolfpack through a tough season.

The Wolfpack started slow, posting nine losses at the start of the season before breaking into the win column with a victory over Syracuse in the Wolfpack Invitational. State downed the Orange in three games.

State struggled throughout the regular season, playing ACC teams to fourth and fifth matches just about every time they took the floor. Not only was the State season highlighted by a move from the south end of Reynolds Coliseum, to center court, but the three seniors who came to Raleigh with Hall four years ago finished out their careers at home, as State hosted the ACC Championship tournament.

The Pack started the tournament with a five game, 3-2 win over Wake Forest, a team that they had split with in regular season. Just 45 minutes later, the Pack faced Maryland, who was not only the Number 1 seed, but also who was undefeated in the ACC since the 1995 season. The Pack battled the Terrapins, but the fresh legs of Maryland's defense was too much, as the Terps walked away with the 3-0 victory.

State seniors did not walk away from Reynolds Coliseum without leaving their mark. Defensive specialist Jennifer Peterson set a school record for digs in a career. Peterson's twin sister Nicole left State as the Pack's all time career assist leader. Amy Lemerman also set the all time block record.

by - KIM GAFFNEY -

HEAD COACH KIM HALL

ASSISTANT COACH KREG TOGAMI

GRADUATE ASSISTANT SHELLEY PARTRIDGE



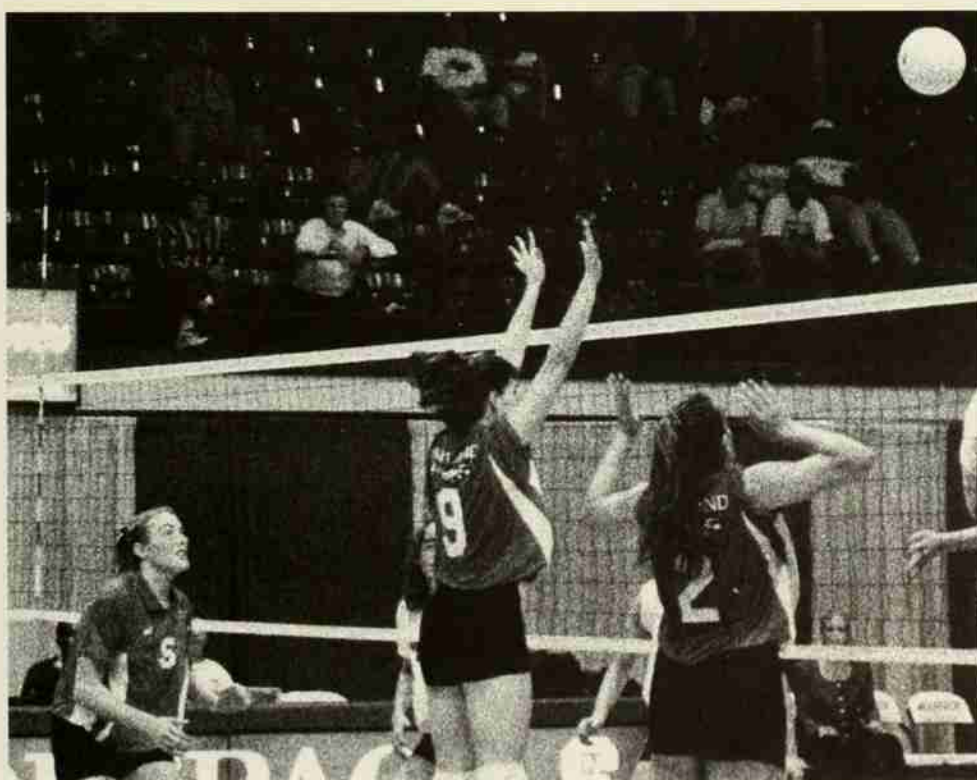
HARVEY



HARVEY



SEARLE



HALL

The NC State cross country program enjoyed one of its greatest seasons ever, a pretty great feat considering the program is one of the Pack's strongest. Under coach Rollie Geiger, the men's and women's team captured the Atlantic Coast Conference championships for the unprecedented third time in as many seasons.

Both teams dominated the season-opening Wolfpack Invitational, where Pack stars Laura Rhoads and Abdul Alzindani recorded their first victories of their collegiate careers.

Both teams proved their strength at the North Carolina Collegiate Championships as well. Both walked away with easy victories, outshining 13 other schools from the state, including ACC foes UNC-Chapel Hill and Wake Forest. The men's team was so dominant that not only did they sweep first through fifth places, but the eight Wolfpack runners to complete the race were also the first eight men to cross the finish line.

At the conference championships, it was business as usual for the Pack. The women captured their 16th title ever, with three freshmen coming in the top five, and Rhoads again leading the way, finishing second overall. On the men's side, no one else had a chance. Only five runners scored for each team, but the Pack placed six in the top ten. Overall, 10 runners, Corby Pons, Chan Pons, Brenda Rogers, Robbie Howell, Alzindani, Joe Wirgau, Rhoads, Amy Beyrich, Sarah Gray, Erin Musson, and Meredith Faircloth earned All-ACC Honors.

The Pack advanced to the National Championships for the third year in a row with victories at the District meet. Rhoads won the women's race, as it was the State women's turn to blow away the competition. On the men's side, the margin of victory wasn't quite so lopsided, but three runners placed in the top ten, and the buzz was that Geiger and the Pack had side-lined two All-ACC runners to rest them up for the National meet. In all, when the meet was over, not only did the Pack walk away with their second straight District title, but ten of 14 runners earned All-District honors, as all ten of the Pack's scorers finished in the top 25.

While the women, though hindered by injury and sickness, battled to an 11th place finish, the men's team used their experience from the past two seasons of disappointment to turn in the Pack's second best finish ever at the National meet. State finished sixth overall, one spot above their ranking in the National polls. Chan Pons and Brendan Rodgers, as well as Rhoads, earned All-American honors.

by -Kim Gaffney-

HEAD COACH
ROLLIE GEIGER
ASSISTANT COACH
LAURIE HENES
GRADUATE ASSISTANT
DAVID HONEA
GRADUATE ASSISTANT
JASON VIGILANT



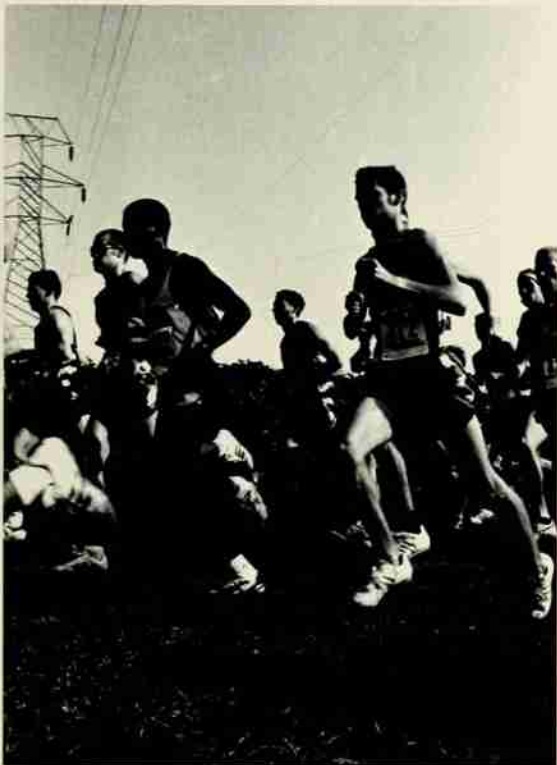
HARVEY



HARVEY



STEVENS



HARVEY



HARVEY



STEVENS



STEVENS

It is not likely that anyone will forget the 1997-98 men's basketball season at NC State. In his second season with the Wolfpack, Coach Herb Sendek once again dazzled the Wolfpack community, overcoming every obstacle that was thrown at him and his team, and there were plenty. Early in the 1997-98 season, Damon Thornton, went down with another injury, followed by two of his Wolfpack teammates, and a feeling of D  ja vu set in at Reynolds Coliseum.

But behind the veteran leadership of seniors C.C. Harrison and Ishua Benjamin, and the talent of newcomers like Kenny Inge, Ron Kelly, and Archie Miller, the Pack battled back once again, playing in its second consecutive post-season for the first time since 1987-88 and 1988-89 when the late Jim Valvano was still at the helm of the Wolfpack program.

State's freshmen made an impact, with Kenny Inge making a strong case for ACC Rookie of the Year honors, and at the end of the season being named to the conference's All-Freshman team.

Amongst the most guarded memories of the 1997-98 season for Wolfpack fans will be the weekend in February when the Wolfpack men and women defeated arch-rivals UNC-Chapel Hill back-to-back. The men's win 86-72 in Chapel Hill on national television sent swarms of fans to Hillsborough Street, and brought hundreds to Reynolds to greet the homecoming victors.

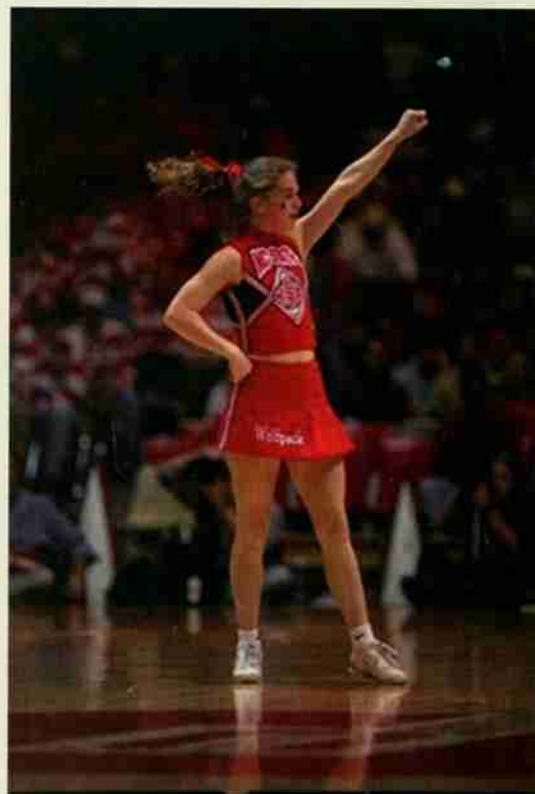
The Pack once again looked to tear through the ACC tournament, but was once again knocked out of the post-season gala by rival UNC-Chapel Hill.

But again mirroring the previous season, the Wolfpack added post-season excitement with two NIT games at Reynolds Coliseum.

As Wolfpack fans count down the games until State is playing in bigger arenas, literally, 1997-98 made memories that fans will cherish forever.

by -Kim Gaffney-

HEAD COACH
HERB SENDEK
ASSISTANT COACH
SEAN MILLER
ASSISTANT COACH
LARRY HARRIS
ASSISTANT COACH
JOHN GRELE
DIRECTOR OF OPERATIONS
MARK PHELPS



THOMPSON



RIGGSBEE



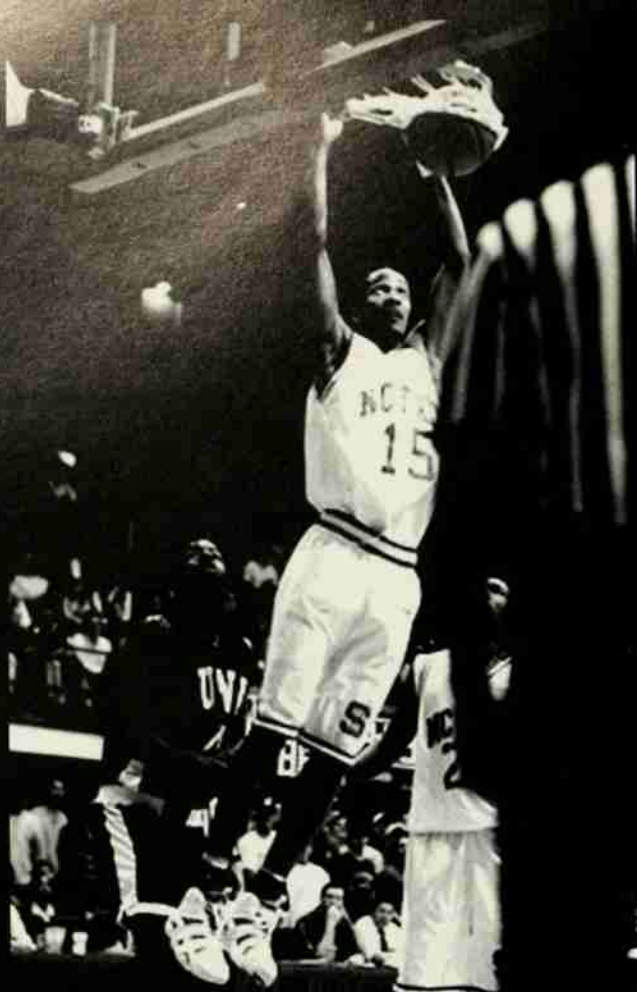
STEVENS



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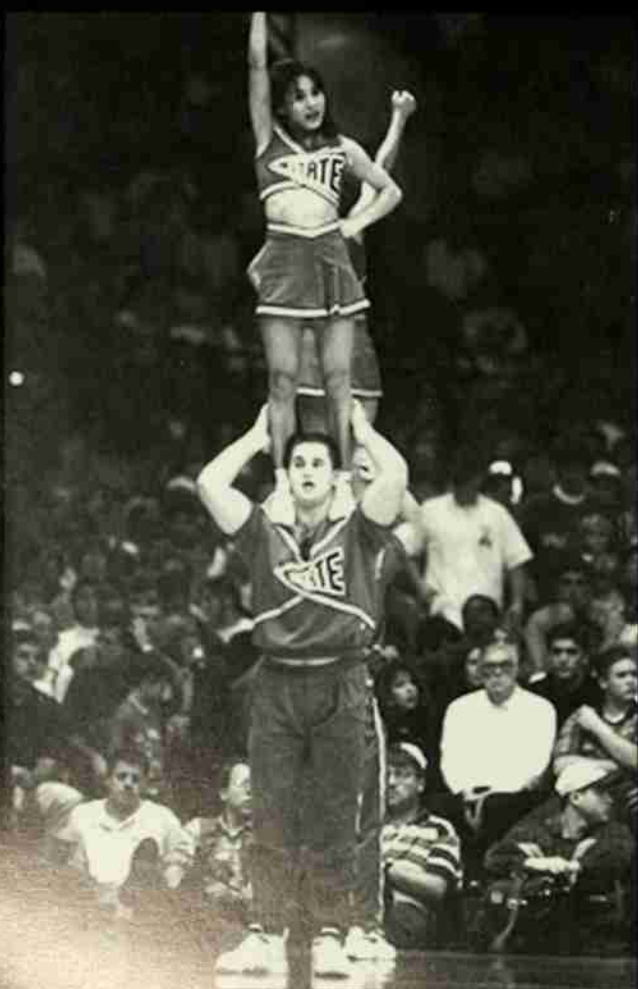
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THOMPSON

SWIMMING & DIVING

1997 season

In 1997-98, the Wolfpack swimmers and divers battled back towards the top of the Atlantic Coast Conference, once again letting their statements in the water and in the air stand alone.

Senior Kevin Cutts, an ACC champion in diving as a junior, battled an early season back injury with tenacity and drive, to not only keep up with the competition, but to finish in the top seventh on board boards at the conference meet in Charlottesville, VA in late February. Freshman Andy Johnson earned his first All-ACC honors, finishing second on both the three-meter and the one-meter boards.

The State men finished fourth at the meet, as the distance free-stylers came through, placing four swimmers in the top eight of the 1,650 meter free, and three in the top eight of the 500-meter freestyle.

On the women's side, Marcia McKeel became NC State's newest ACC Champion, winning the one-meter diving competition.

State continued to show its dominance on the boards, placing four divers in the top ten of the one-meter, and three in the top ten of the three-meter diving competition, in which McKeel finished second.

State's 800 freestyle relay finished fourth. Freshman Brandi Stergion and senior Phil Hardin were named as the team's MVP's for the season.

by -Kim Gaffney-



HARVEY



HARVEY

HEAD COACH
SCOTT HAMMOND

ASSISTANT COACH
MAUREEN BLANDFORD

ASSISTANT COACH
CHIP KLINE

DIVING COACH
JOHN CANDLER



HARVEY



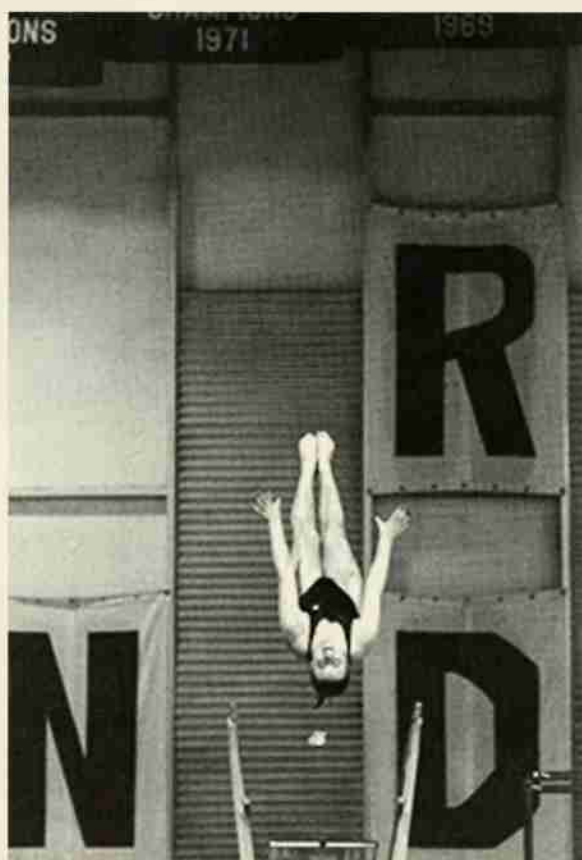
HARVEY



HARVEY



HARVEY



HARVEY

WRESTLING

1997 season

1998 was a season marked for the Wolfpack by one of the biggest upsets in ACC wrestling history, and the qualification of four wrestlers for the NCAA Tournament.

In mid-January, the Wolfpack, ACC Champions two years ago, upset the Tar Heels of North Carolina, handing them their first head-to-head defeat since February of 1993. The Pack won five of the ten matches, just edging the Tar Heels, 18-17.

Tommy Davis pinned opponent C.C. Fisher in the 126 lbs. match, while James Kocher, Kevin Boross, Jeff Green, and Billy Blunt each won decisions.

But the 1997-98 season wasn't all about wins. In late January, Greg Bauer showed his teammates just what courage and commitment were. In a match against an opponent from James Madison University, Bauer injured his leg. During a time out, he pleaded with coaches and trainers to let him finish the match. They did, and it was his last of the season. Bauer had broken his leg, so severely that the alignment between his leg and his ankle were thrown off. But Bauer finished the match, his only explanation that it was his job.

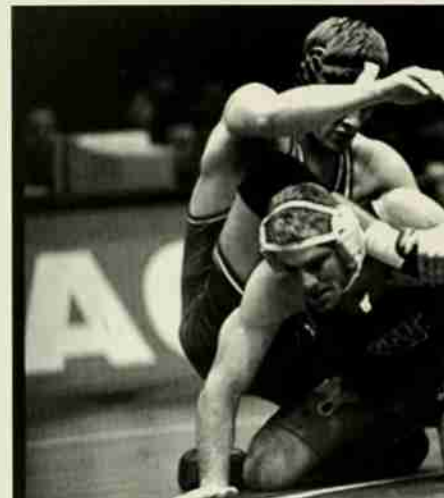
At the Conference meet, held in Durham in late March, four Wolfpack wrestlers advanced to the finals, giving them berths into the NCAA meet. James Kocher, Pierre Pryor, Kevin Boross, and ACC Champion Billy Blunt represented the Pack at the biggest wrestling meet of the season, and, like Greg Bauer, continue to represent good things to come for the Wolfpack.

by -Ryan Kellogg

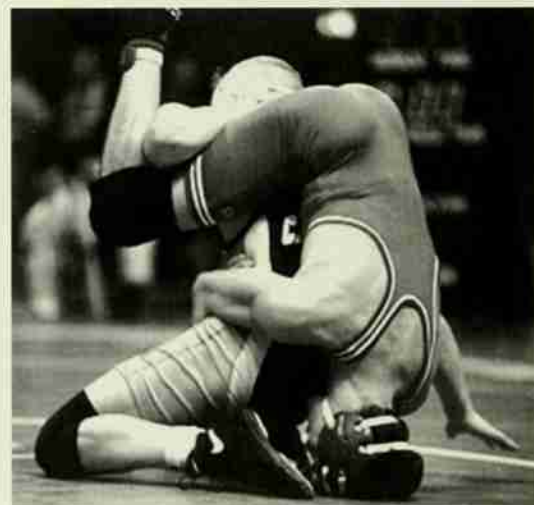
HEAD COACH BOB GUZZO

ASSISTANT COACH DAVE AUBLE

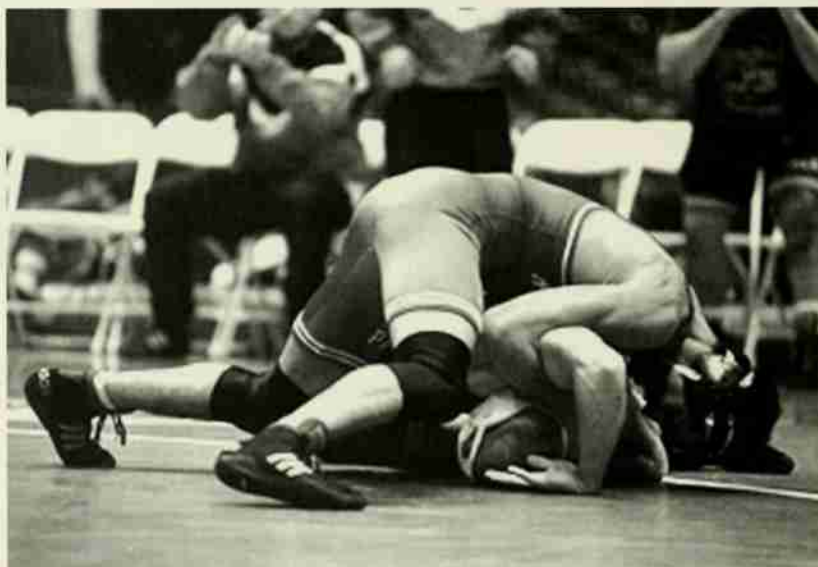
ASSISTANT COACH JASON SUTER



HARVEY



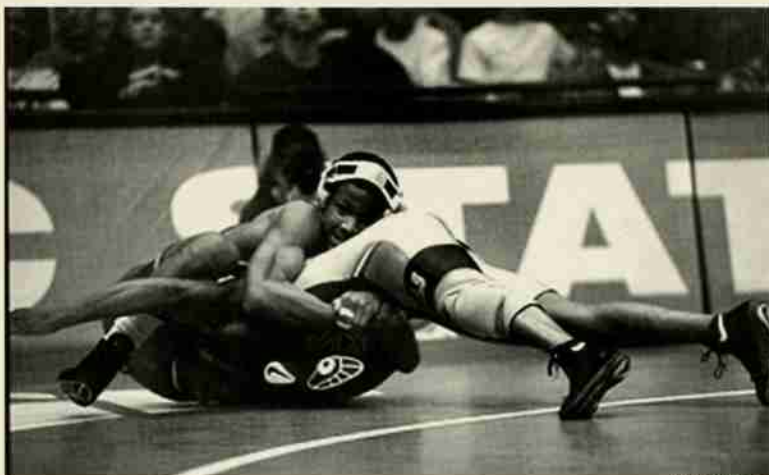
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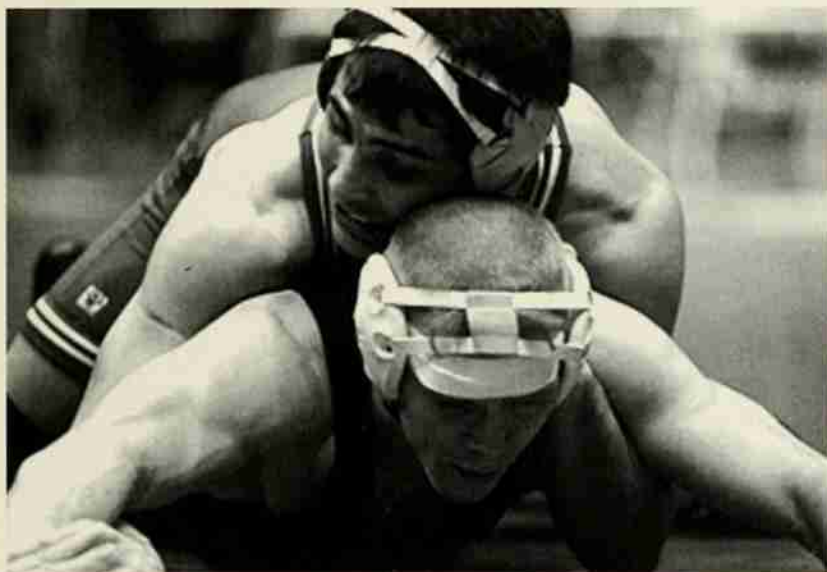
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SANDERS



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HARVEY



HARVEY



STEVENS



MALECKY



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HARVEY



RIGGSBEE

NC State is pretty comfortable with uncharted territory, case-in-point, the Wolfpack is 1-0 in Regional Finals. NC State advanced to the Final Four for the first time in history, with a 60-52 win over the University of Connecticut. State struggled in the first half, unable to get its inside game in motion.

In the first half, both teams collected just 14 points in the paint, but UConn faced over 13 minutes of that half without Paige Sauer, the 6-foot-5 sophomore who had played so well in the Regional Semi-final for the Huskies.

State post players Chasity Melvin, Peace Shepard, and Summer Erb combined for just 11 points. State also allowed the Huskies the advantage on the boards, collecting just 16 rebounds, to the Huskies 23, and a mere three on the offensive end, picking up just one second-chance basket.

Concentrating on the fundamentals, State took control in the second half. While Uconn, in its 13th year under the direction of Geno Auriemma, pushed the lead to 10 points within the first three minutes of the half, State worked the inside, and took a four point lead just five minutes later.

The Wolfpack's 14-0 run was sparked by six caused turnovers on the Huskies end of the court, and eight points from Melvin.

"They are bigger than any team that we faced," said Auriemma of the Wolfpack's interior game. "And they took us away from what we wanted to do inside."

Among those eight points, was Melvin's 2,000th of her career. The 6-foot-3 seniors' 18 point, 11 rebound performance on Monday night put her in the elite company of being only the second Wolfpack player ever to score over 2,000 points and collect 1,000 rebounds in a career.

Summer Erb also came alive in the second half, scoring 12 points, including five free throws in the final 1:13 of the game, helping put the Huskies away.

With 1:37 left in the game, State was up by just four points, but behind eight points from the charity stripe from Erb and junior guard Kristen Gillespie, the Wolfpack earned their first ever trip to what Summer Erb referred to as "the Huge Dance".

LySchale Jones and Tynesha Lewis added 23 points, nine rebounds, and seven assists in the backcourt for NC State.

Sauer and Amy Duran each finished with 11 for the Huskies.

Melvin, Erb, Lewis, and Sauer, along with Arizona's Lisa Griffith were named to the All-East Regional team, with Melvin taking home honors as the Regional's Most Outstanding Player.

by -Kim Gaffney-

HEAD COACH KAY YOW

ASSISTANT COACH STEPHANIE GLANCE

ASSISTANT COACH ANNETTE WATTS

ASSISTANT COACH BREEZY BISHOP

ASSISTANT COACH ROBIN PATE



HARVEY



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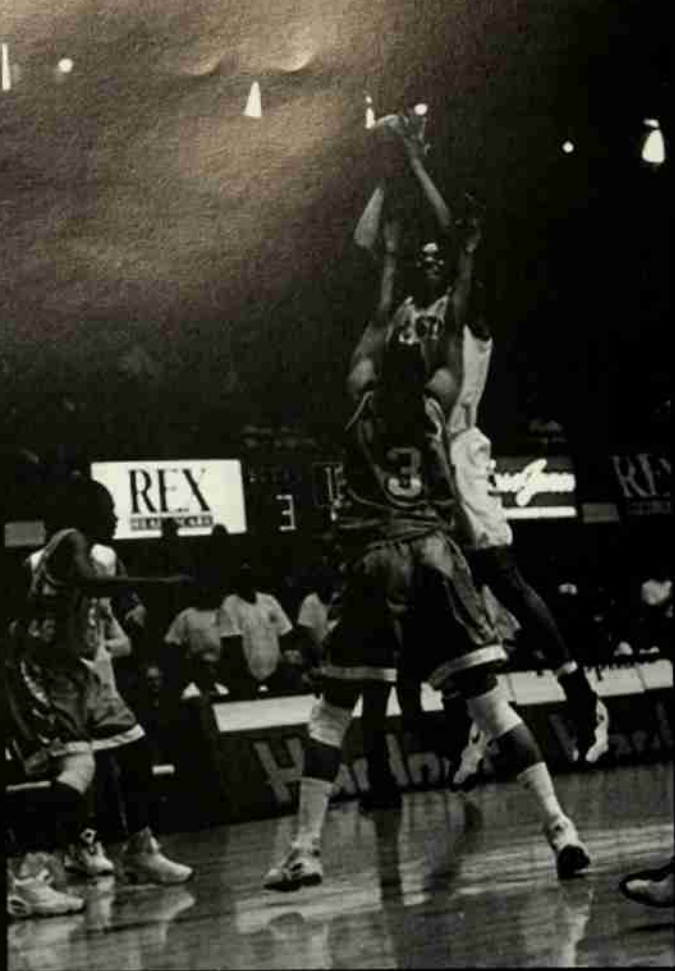
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HARVEY

GYMNASTICS

1997 season

Depth combined with talent is one of those luxuries that few coaches enjoy. For the first time in his career as NC State gymnastics coach, Mark Stevenson heads into the 1998 Gymnastics season finding himself in that very position: Loaded to the gills with talented personnel. "As a team, we're going to have a tremendous amount of depth this year that we've never had before," Stevenson said. "Anytime you have depth, you've increased the value, or level, of your squad. When we went to UNC last year, we lost three kids in our lineup within five days. We took those three out of our lineup and we lost because we had no depth."

Two of the incoming freshman Pack gymnasts, Amy Langendorf and Sarah Dolan, were recruited out of "Docksliders," a gymnastics club in Baltimore, MD. Langendorf excels at two events, the uneven bars and the floor exercise. She performs the very difficult Triple Full on floor, a skill highly respected at the international level of gymnastics. Look for her to make an impact sometime this season early on.

Dolan's strongest event is perhaps the balance beam, though her vaulting skills should begin to reap dividends for the Pack, as well. Charles, Langendorf, and Dolan are prototypical gymnasts, in that they don't specialize solely on one event. These "Jills of all trades" add a much-needed redundancy to the Pack lineup. In the past, when a specialist on a certain event would go down with an injury, another specialist would be called upon to compete on an event that they weren't as strong on. By having a lineup full of all-arounders, an injury to a gymnast won't strike such a blow to the team's total score. "This year we've got the backups," Stevenson said. "If Ashley [Hutsell] gets hurt, the backup's not going to be quite as good, but it's not going to be an 8.2, it's going to be a 9.5 instead of a 9.7"

Guiding the Pack's wealth of frosh talent this year are senior co-captains Stephanie Wall and the aforementioned Hutsell. Wall absolutely dominated on the balance beam last season, winning or tying for first place on the event seven out of 10 times during the regular season. Hutsell is back healthy this year after missing a great deal of last season due to a calf injury. The influx of talent will challenge the upperclassmen for playing time, but don't expect State to field a squad full of freshmen when the first meet rolls around.

"The freshmen are very, very good," Stevenson said. "Like all freshmen, though, they're going to have to learn how to hit routines and learn how to deal with the pressure. When Georgia rolls in this year, we're hoping to have 5, 6, 7,000 people at the meet, they're the number one team in the country. For our team, those kids that have always been out there, they're going to have to learn a little bit and they're going to have to work really hard to stay in front of the freshmen. But the bottom line comes down to the seniors and juniors have experience, they know how to hit routines, they've learned from the other seniors and juniors that came before them, and those guys are going to be responsible for teaching the freshmen how to do that. They have to take those freshmen to the next level."

by -James Curle-

HEAD COACH
MARK STEVENSON
ASSISTANT COACH
SAM SCHUH
GRADUATE ASSISTANT
BRIDGET FOLEY



Riggsbee



Riggsbee



Riggsbee



Riggsbee



Riggsbee

Senior Jake Weber's decision to return for his senior year at NC State paid off.

The 5-11 right fielder from Wappingers Falls, NY was the first of the five Wolfpack players to be selected in the 1998 baseball draft. Seniors Kurt Blackmon and Bubba Scarce and juniors Brad Piercy and Rodney Ormond joined Weber in the draft.

The Seattle Mariners snatched Weber, who was drafted in 1997 by the Minnesota Twins in the 15th round, in the sixth round. Weber returned to play for Coach Elliot Avent and the Pack Nine for one final year and wound up re-writing the NCSU record books along the way. Weber set ACC marks in consecutive games started (248), career hits (366) and career at-bats with 1,000. Weber batted .393 his senior year with 66 runs batted in and 15 stolen bases in 17 attempts. Weber also set several school marks including an NCSU best 21 triples, 239 RBI's and 582 total bases, among others.

Junior Brad Piercy was the next Wolfpack player to be taken in the draft. The Montreal Expos selected the catcher from Shelby, NC in the seventh round. Piercy was also selected in a previous draft, in the 62nd round out of Crest High in 1995. Piercy capped his three-year career by leading the ACC in homeruns this year with 19 to go along with 73 RBI's, 26 stolen bases, and a .389 batting average. One of the better athletes in the ACC, Piercy is expected to remain a catcher in the Expos organization. His combination of left-handed hitting, speed, and power at the catcher position made Piercy a very attractive commodity.

The Expos continued their interest in Wolfpack players by selecting Dobson, also a junior, in the 12th round. Dobson was 2-1 in his final year at NCSU with a 6.53 ERA in mainly a relief role. Dobson appeared in 20 games, starting four times. The Minnesota Twins also selected Dobson in the 1995 draft in the 39th round out of high school.

The senior tandem of Blackmon and Scarce were the next and final players taken from NC State in the draft. The Atlanta Braves picked up Scarce in the 27th round, and the Philadelphia Phillies selected Blackmon in the 30th. Both seniors were regulars in the Wolfpack's three-man weekend starting rotation this year.

Scarce compiled a record of 8-3, despite a late-season bout with tendinitis. The Braves' rookie-level team is located in Scarce's hometown of Danville, VA. Scarce was selected in the 12th round by the Oakland Athletics after a superb senior year in high school.

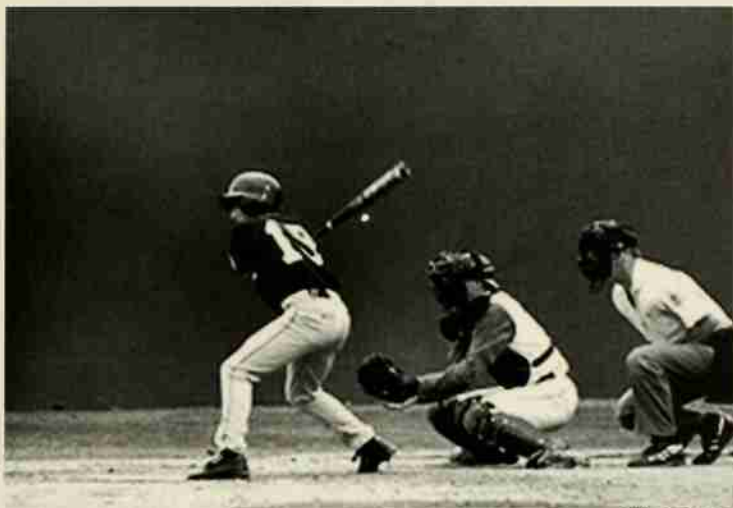
Blackmon, a 6-1 right hander from Rock Hill, SC, was NC State's ace in 1998, posting an 11-5 record with a 4.27 ERA. Blackmon's 23 wins during his career is good enough for seventh in the NC State annals, and he also became only the ninth Pack hurler to notch double-digit wins in a season. Blackmon signed with the Wolfpack in 1994 despite being selected in the 18th round by the San Diego Padres.

by -Technician Staff-

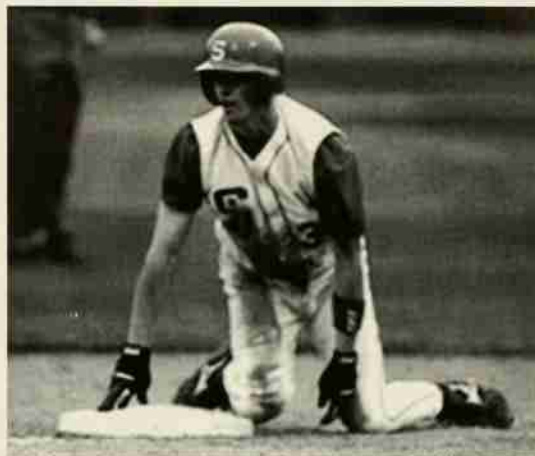
HEAD COACH
ELLIOT AVENT

ASSISTANT COACH
BILLY BEST

ASSISTANT COACH
MARK FULLER



Thompson



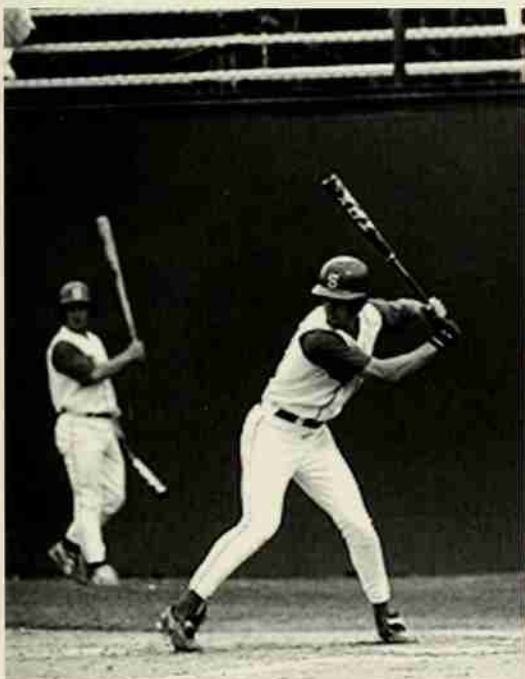
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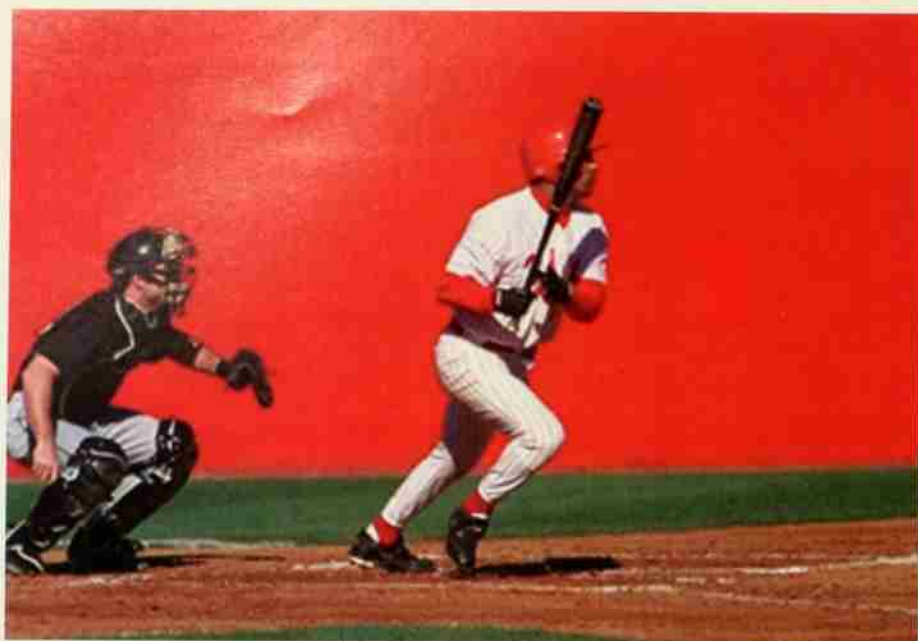
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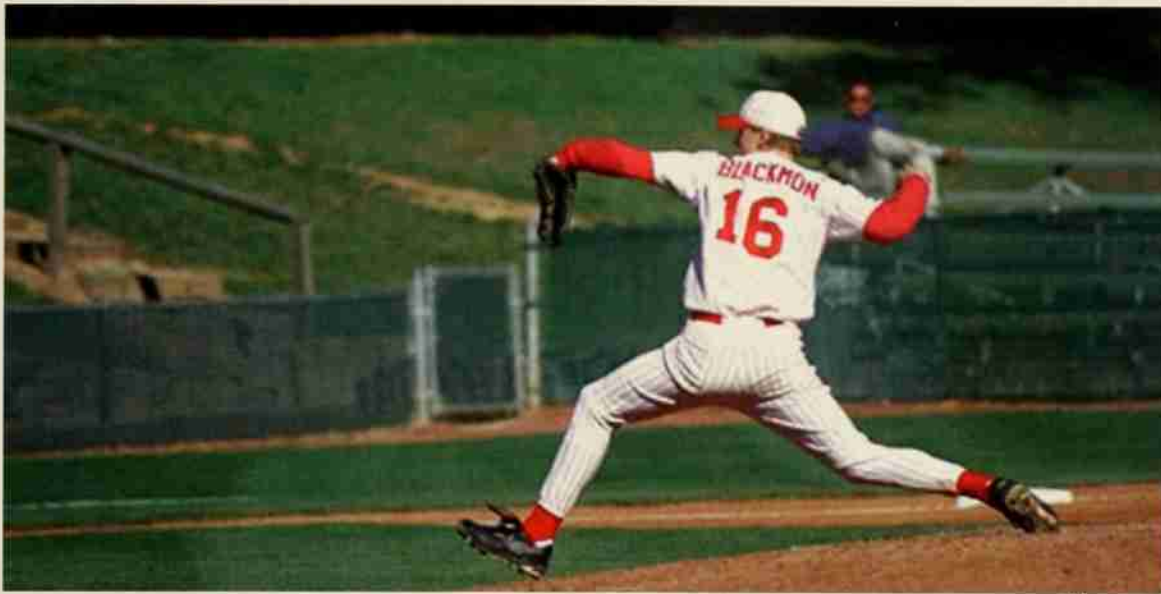
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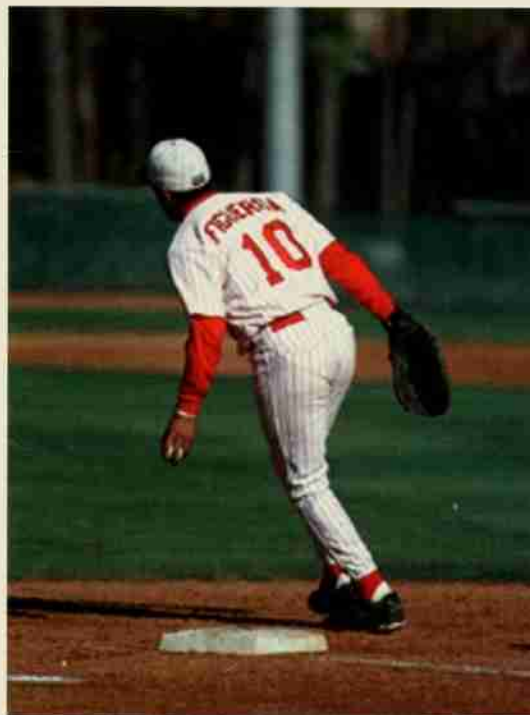
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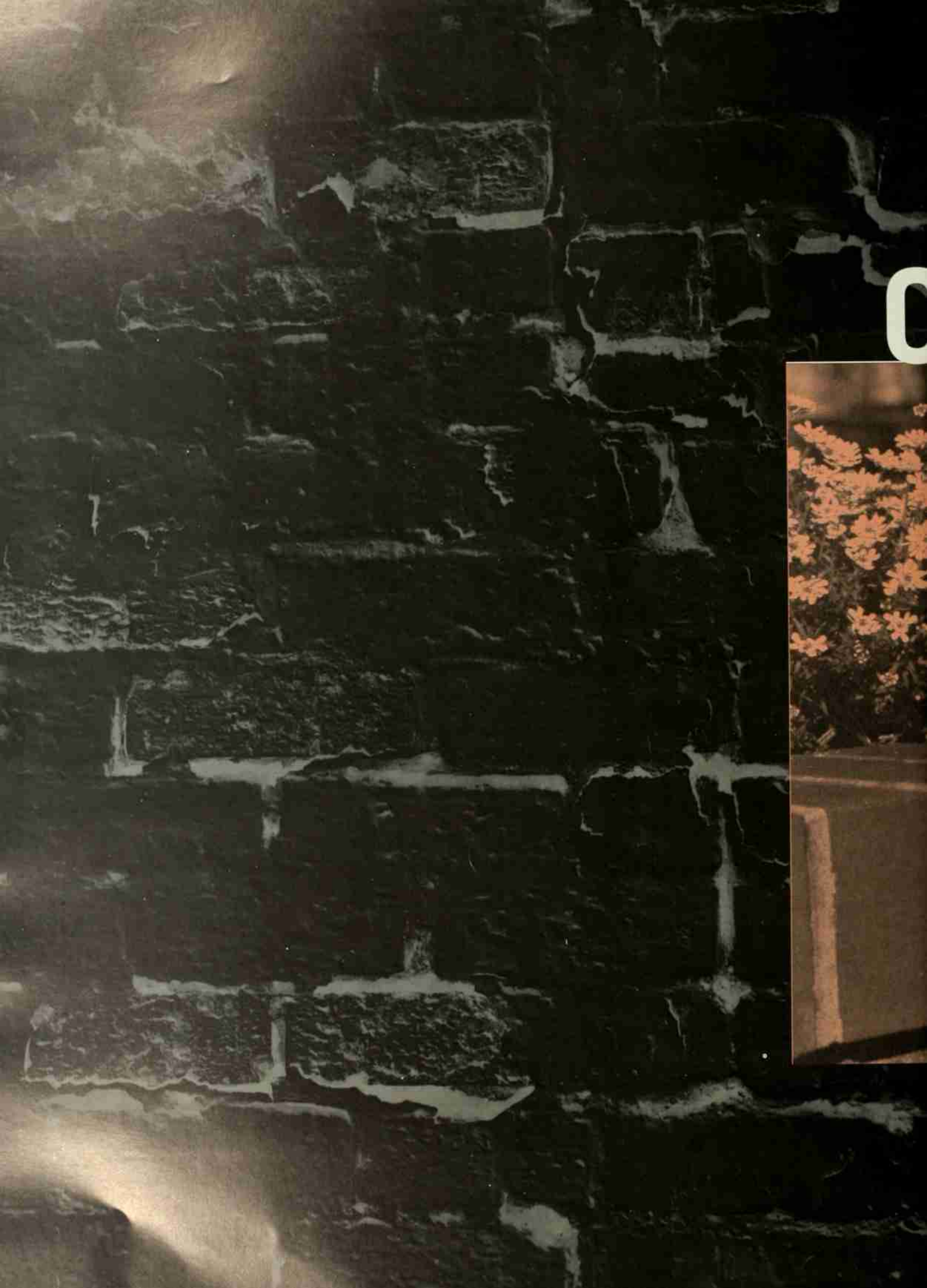
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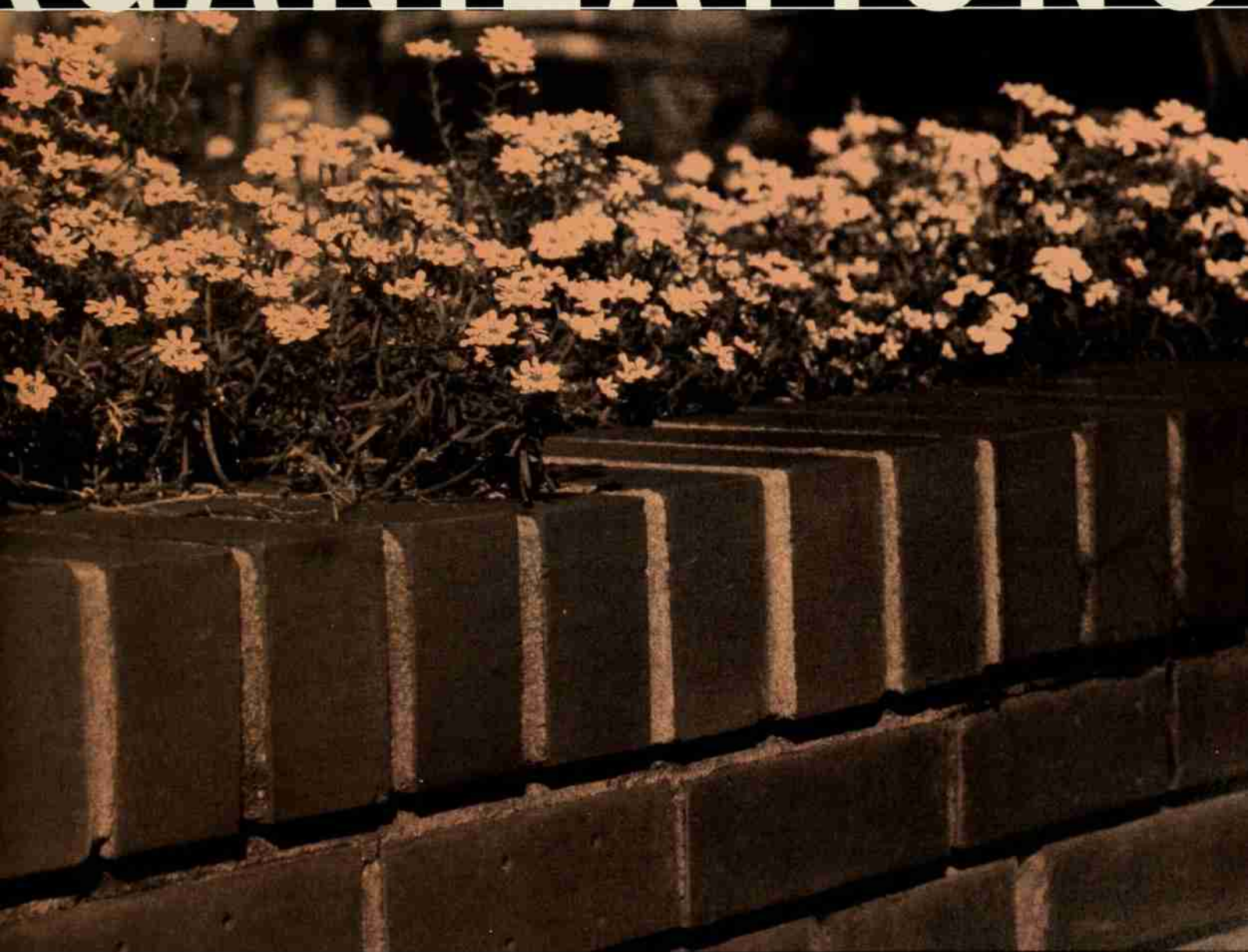
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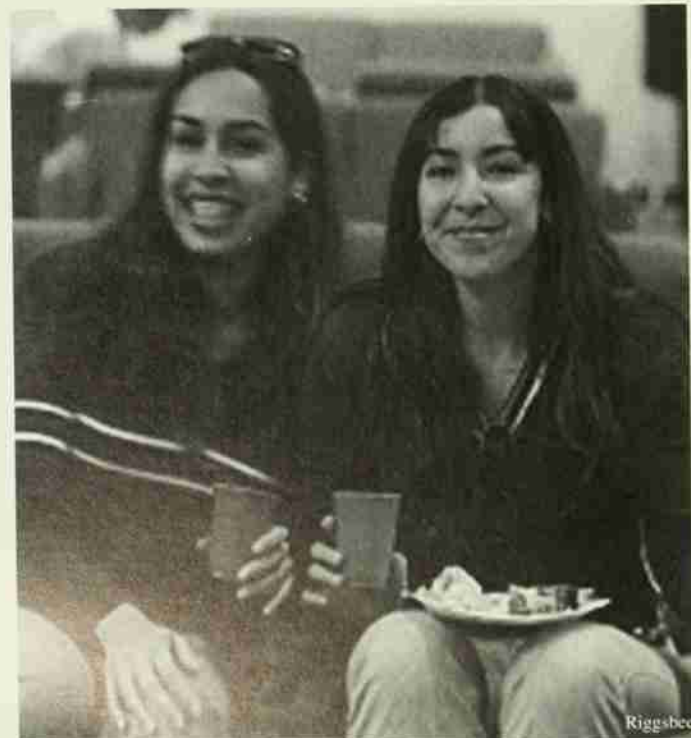
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ORGANIZATIONS



ITALIAN CLUB





Riggsbee



TECHNICIAN



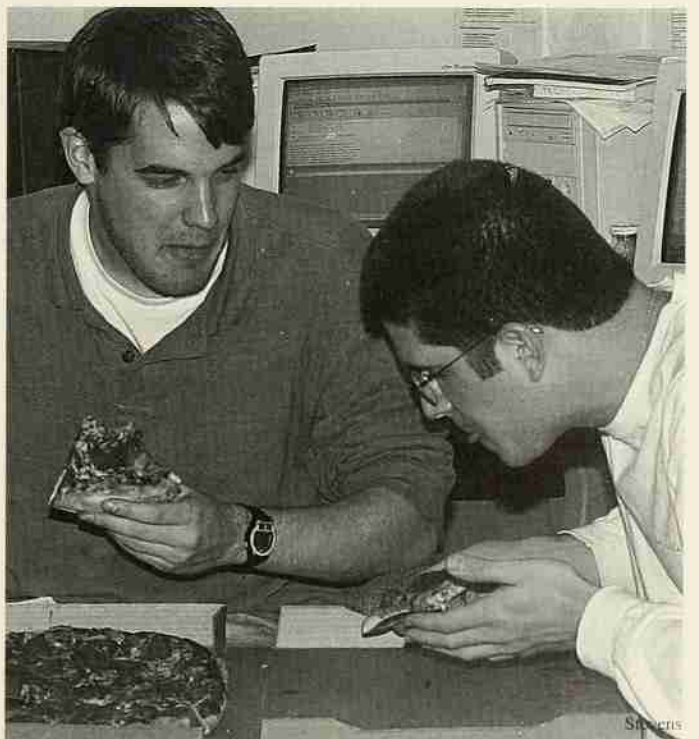
Harvey



Stevens



Harvey



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Stevens



Thompson



Thompson





Harvey



JAZZ BAND



James

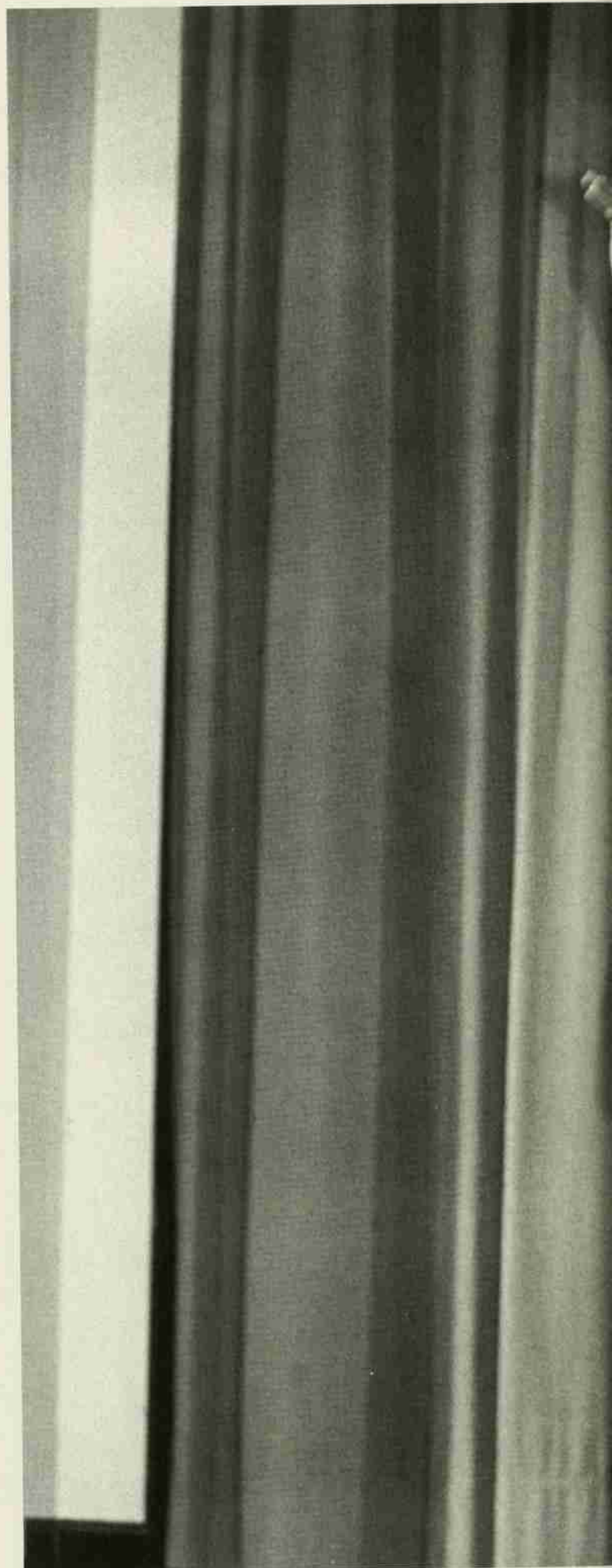
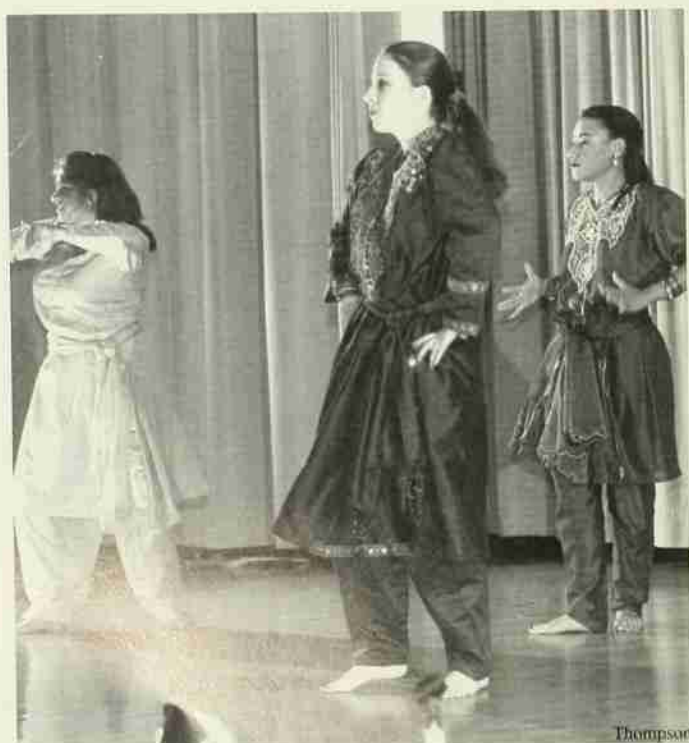


James



James

INDIAN FEST





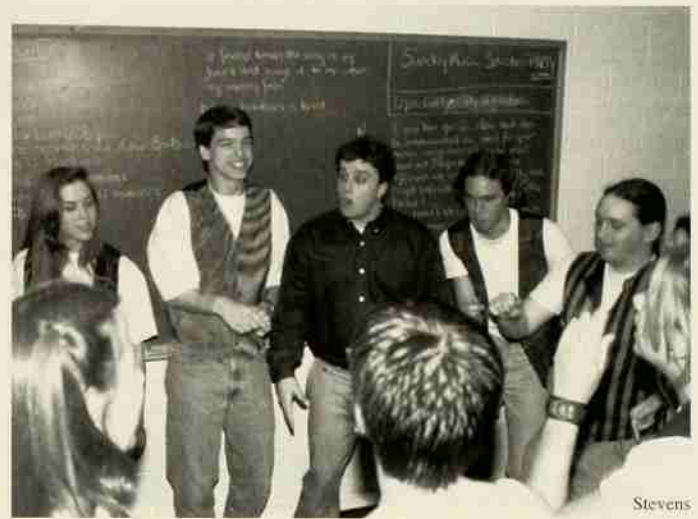
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SINGING CLUB



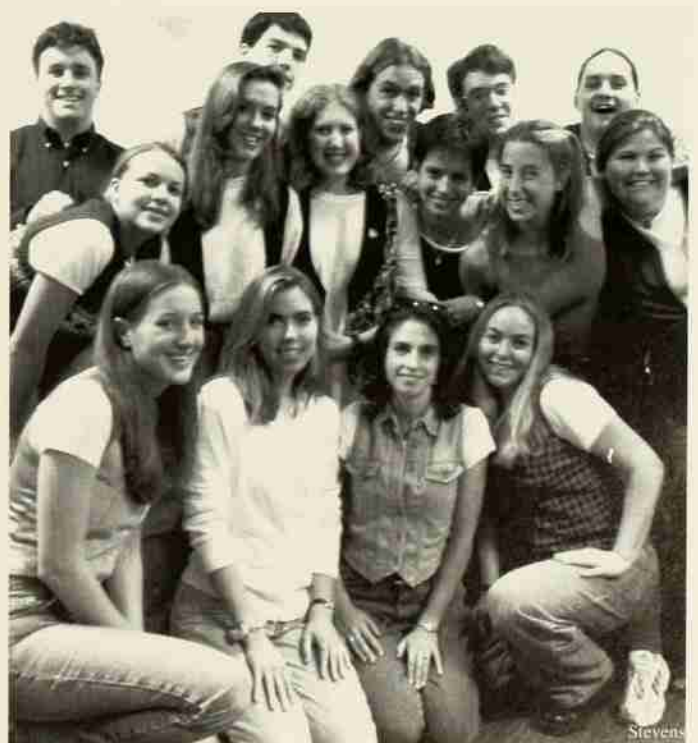
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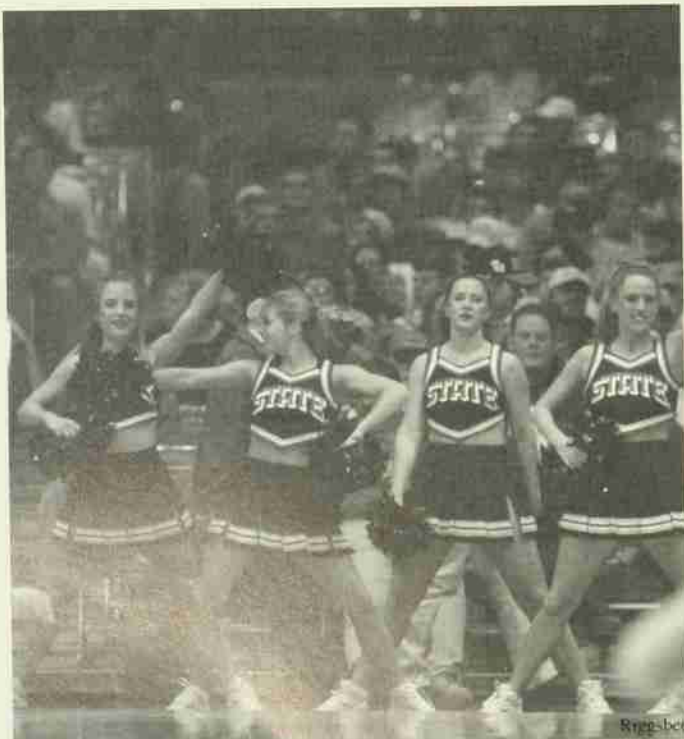


Stevens



Stevens

DANCE TEAM





Steve



STUDENT ASSOCIATION

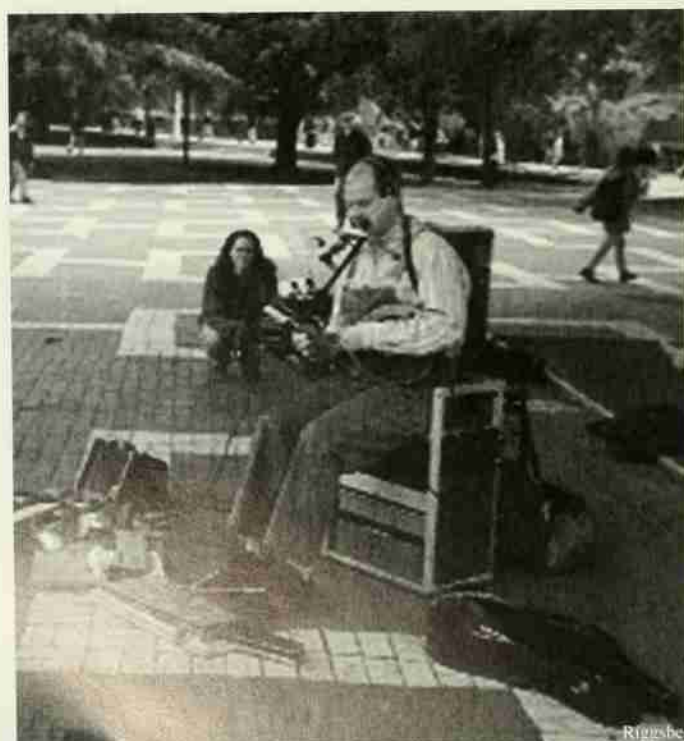




Riggsbee



Riggsbee



Riggsbee







WIND ENSEMBLE



RUGBY





Thompson

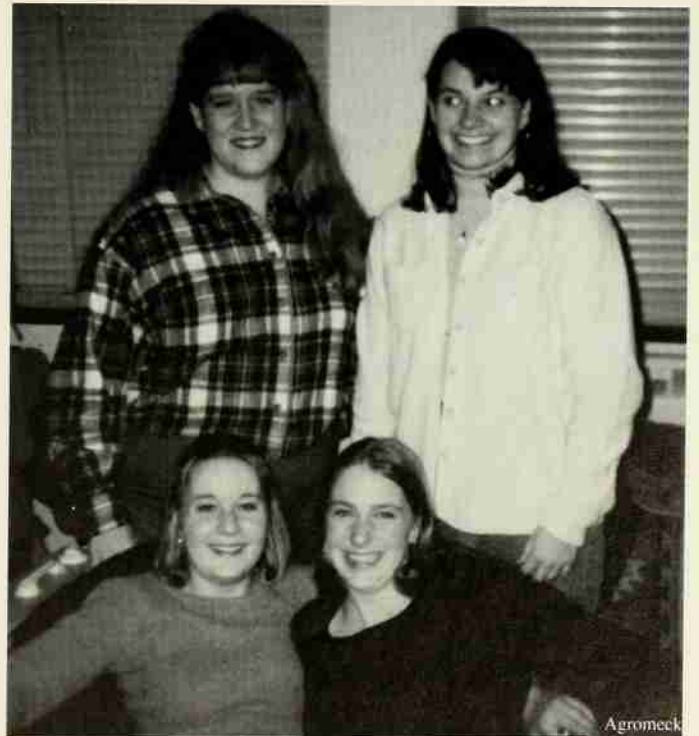




Agromeck



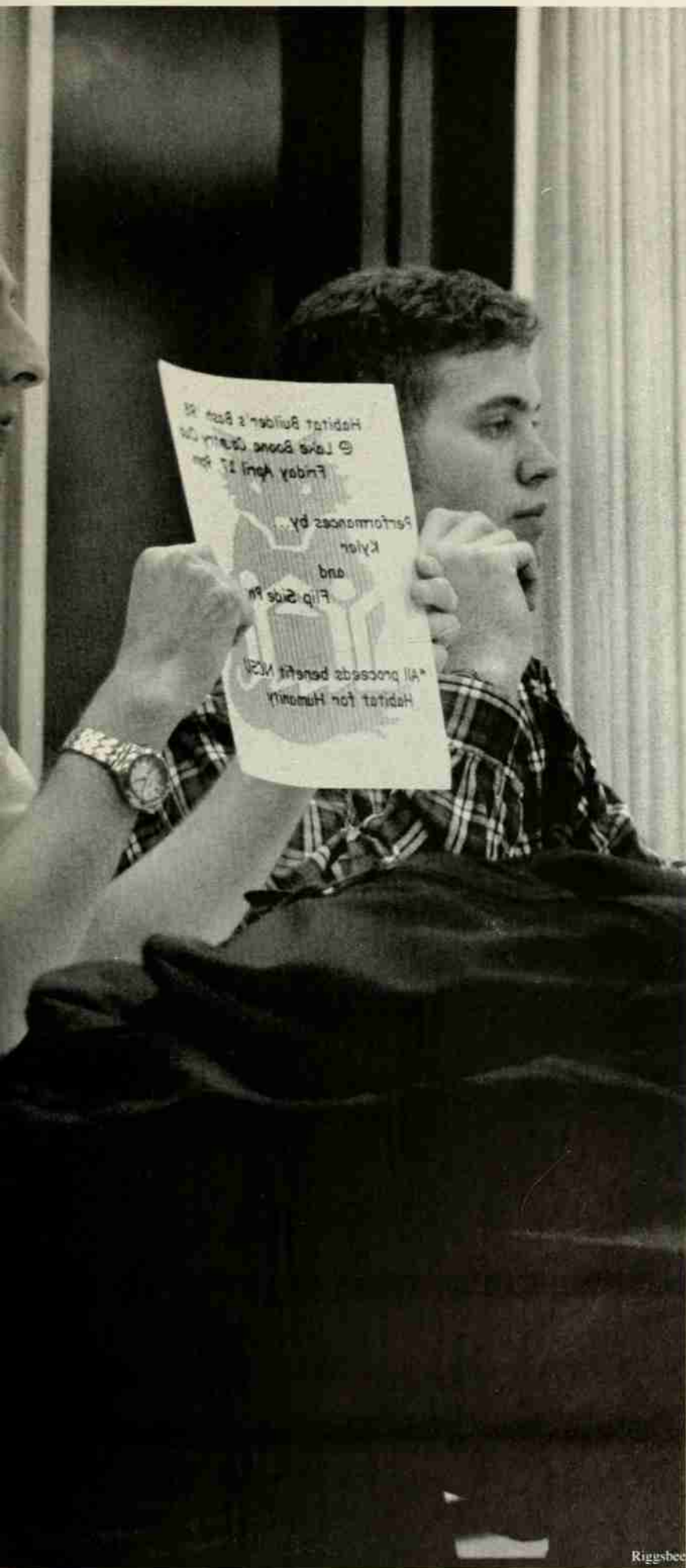
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Agromeck

HABITAT FOR HUMANITY



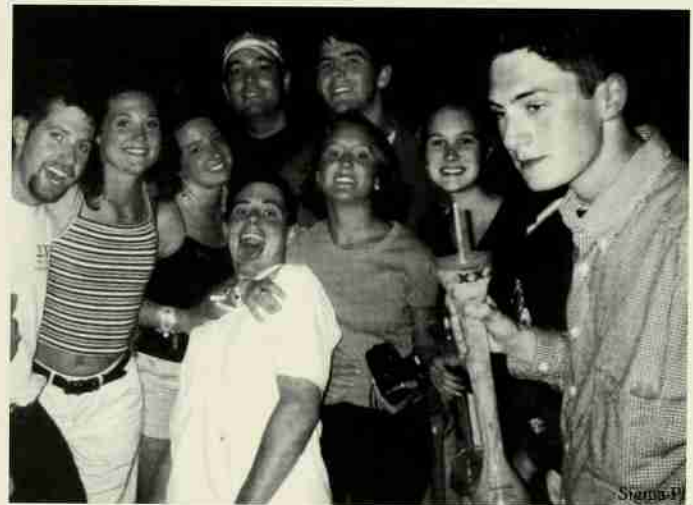




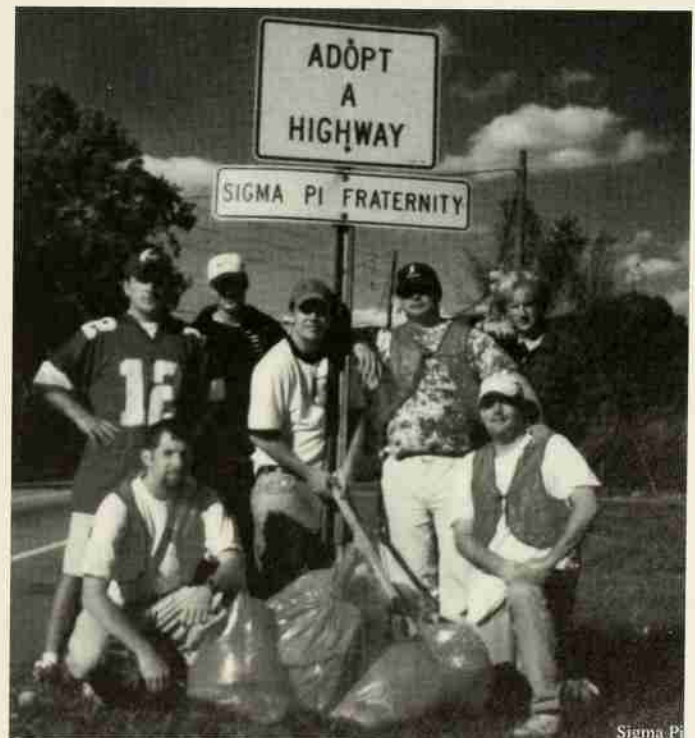
SIGMA PI



Sigma Pi



Sigma Pi



Sigma Pi

CRICKET



Cricket

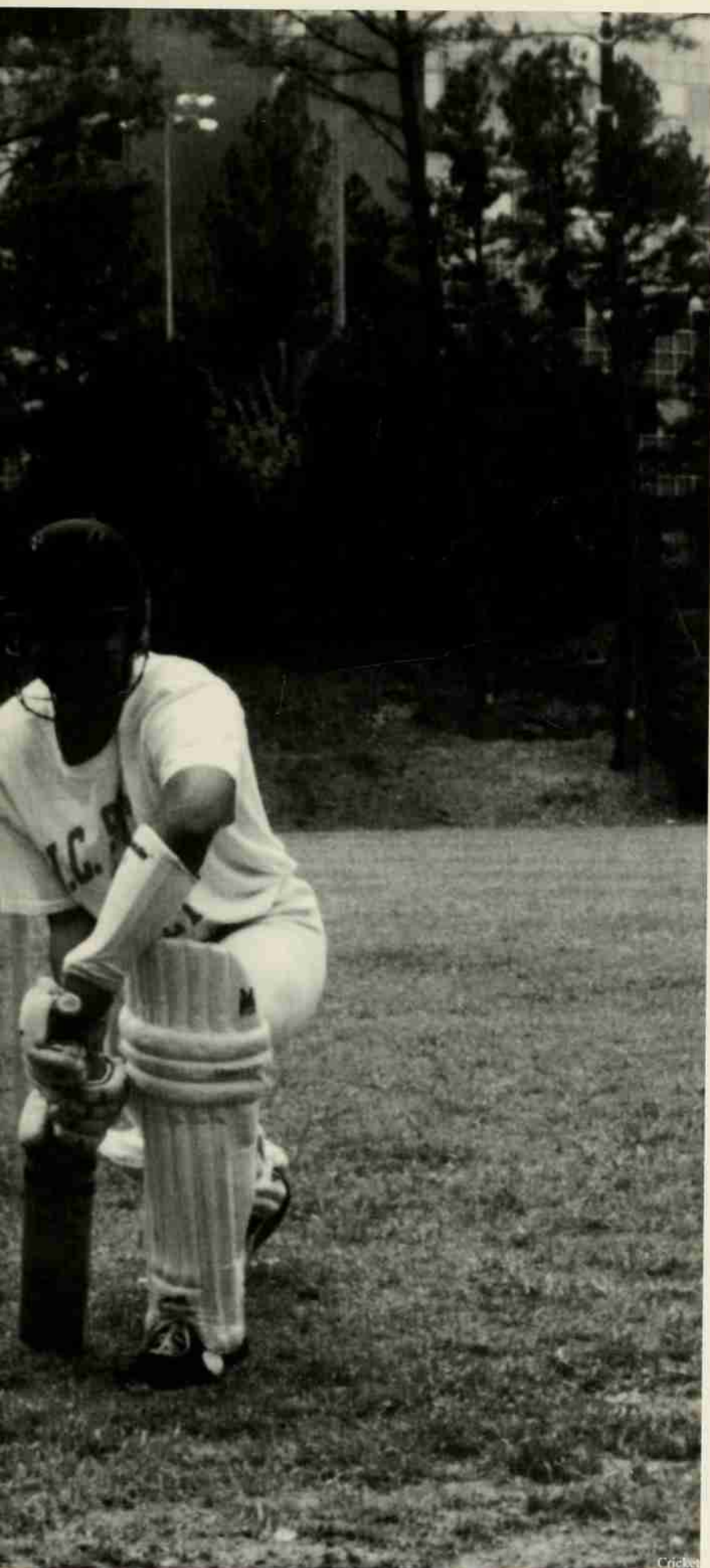


Cricket

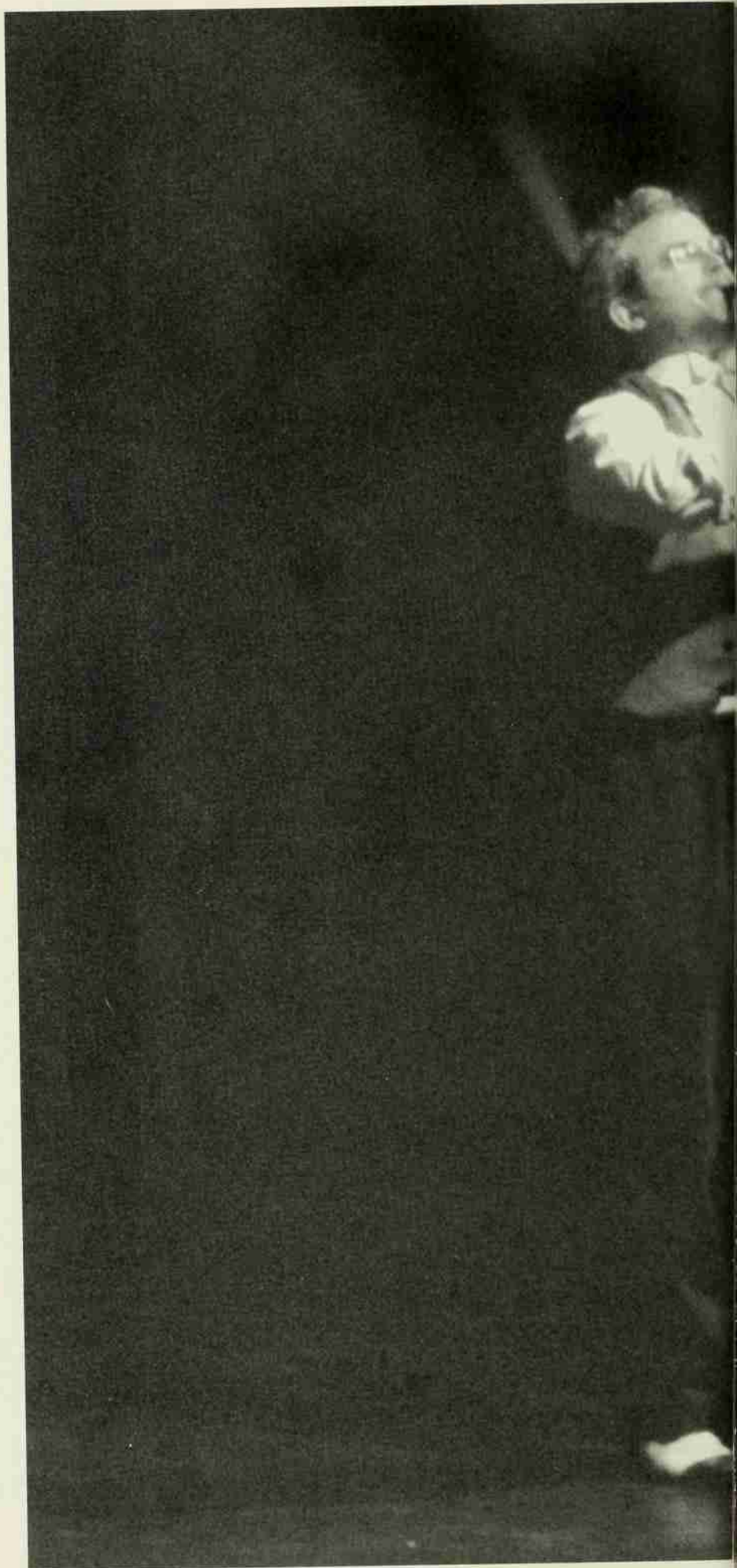


Cricket





Cricket



A AT STEWART THEATER



Harvey



Harvey

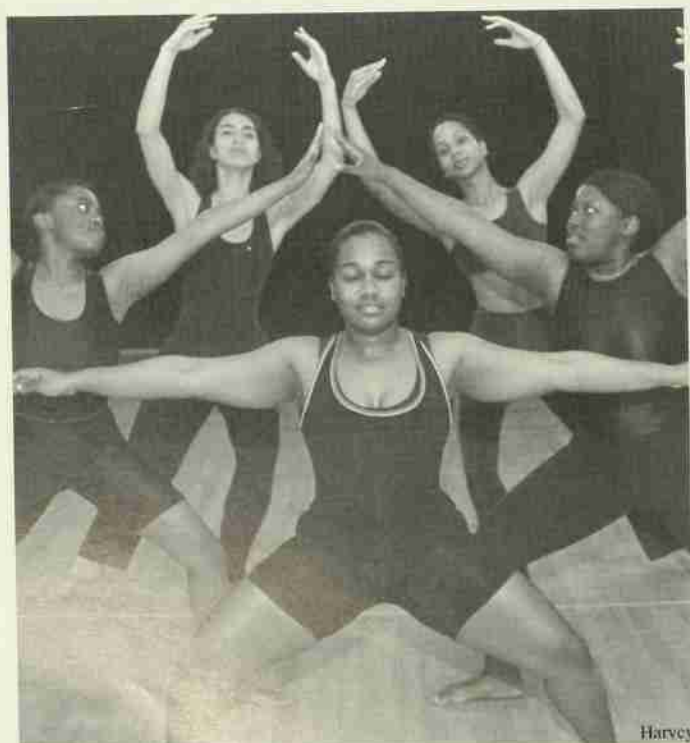
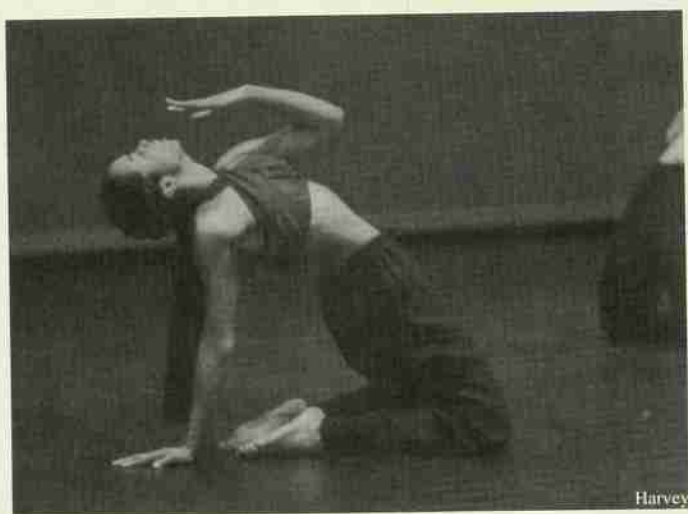


Harvey



Harvey

DANCE VISIONS





Harvey



NCSU COLLEGIATE 4-H









EGA - LAMBDA Upsilon



STUDENT GOVERNMENT



Harve



Harvey



James

BLACK FINESSE



GLEE CLUB



Riggsbee

BEBOP CONCERT





CA

CAMPUS ISSUES



UNIVERSITY COMPLETES



Photo by Jamie Stevens

PLUS/MINUS STUDY

A review of the plus/minus grading system has been completed.

Story by Tim Crone

It has lowered the GPA of more students than midnight parties; it has been called unfair, cruel, stupid, even insane. Yet the issues surrounding the plus/minus grading seem more complex than one might think.

A three-year testing period of the plus/minus grading system, ordered by Chancellor Larry Monteith in 1994, finished with the passing of the last academic year. The data are in, and the results reveal many things. Or, perhaps, they reveal nothing, depending on how you look at it.

For example, average GPA is rising, according to the report. However, GPAs tend to go up slightly when calculated without pluses and minuses. Thus it appears that the plus/minus system has actually caused a small amount of grade deflation.

Not necessarily so, says faculty senator Harriett Griffin, explaining that a borderline student who a teacher could not give a C in good conscience would probably receive a D without plus/minus grading. "There is actually a very small rise in average GPA because of plus/minus grading," Griffin continued.

That seems to be substantiated by the survey. In most grades many more pluses are given than minuses. However, only about half as many A+s are given as A-s, so only those rare few who are consistently at the top end of the academic spectrum appear to be hurt, according to the report.

One would be hard-pressed to convince many students of that, however. Last year's Student Senate passed "A resolution concerning the university grading system" which directly stated "that more students' grade point averages were impacted negatively than positively" because of the plus/minus system, adding that the "negative effect on students' grades is super-added to other concerns." Also, they criticized the lack of fairness in the plus/minus system.

Indeed, even proponents of the grading standard admit that it is less than fair. The "non-linearity of the scale," according to Associate Provost Frank Abrams, "punishes the university's top students" by not valuing the A+ consistently with the rest of the grade values."

However, Abrams does not feel the proposal to value an A+ at 4.33 would benefit students either. Not only does he cite the possibility of grade inflation, but also the fact that such an option, when grades are normalized by prospective employers or graduate schools, would effectively deflate the scores of most students.

In short, there appears to be no perfect solution. Within the next academic year the administration of the university will have to decide whether to keep the plus/minus system in its present form, do away with it, or change it in some way to make it more acceptable to all concerned. While it is nice, according to Abrams, to use a "more precise grading scale" from which students can easily gauge their knowledge of the subject concerned, the administration is looking into "some thoughtful discussion with students and faculty this fall," Abrams says.

One possibility is to keep the current grading system, with its optional pluses and minuses, Abrams said. Another is to completely drop all pluses and minuses and thus return to the standard grading system. There are other proposals, however, and the most common seems to be the idea of assigning pluses and minuses but not changing point values, thus giving students an assessment of their work without actually causing GPA reduction.

However, Abrams is quick to state that there "may be other solutions," and that there must be, if possible, a decision that will satisfy everyone concerned. The choice of scale, he says, is "fundamentally the responsibility of the faculty...and the faculty should listen to the students."

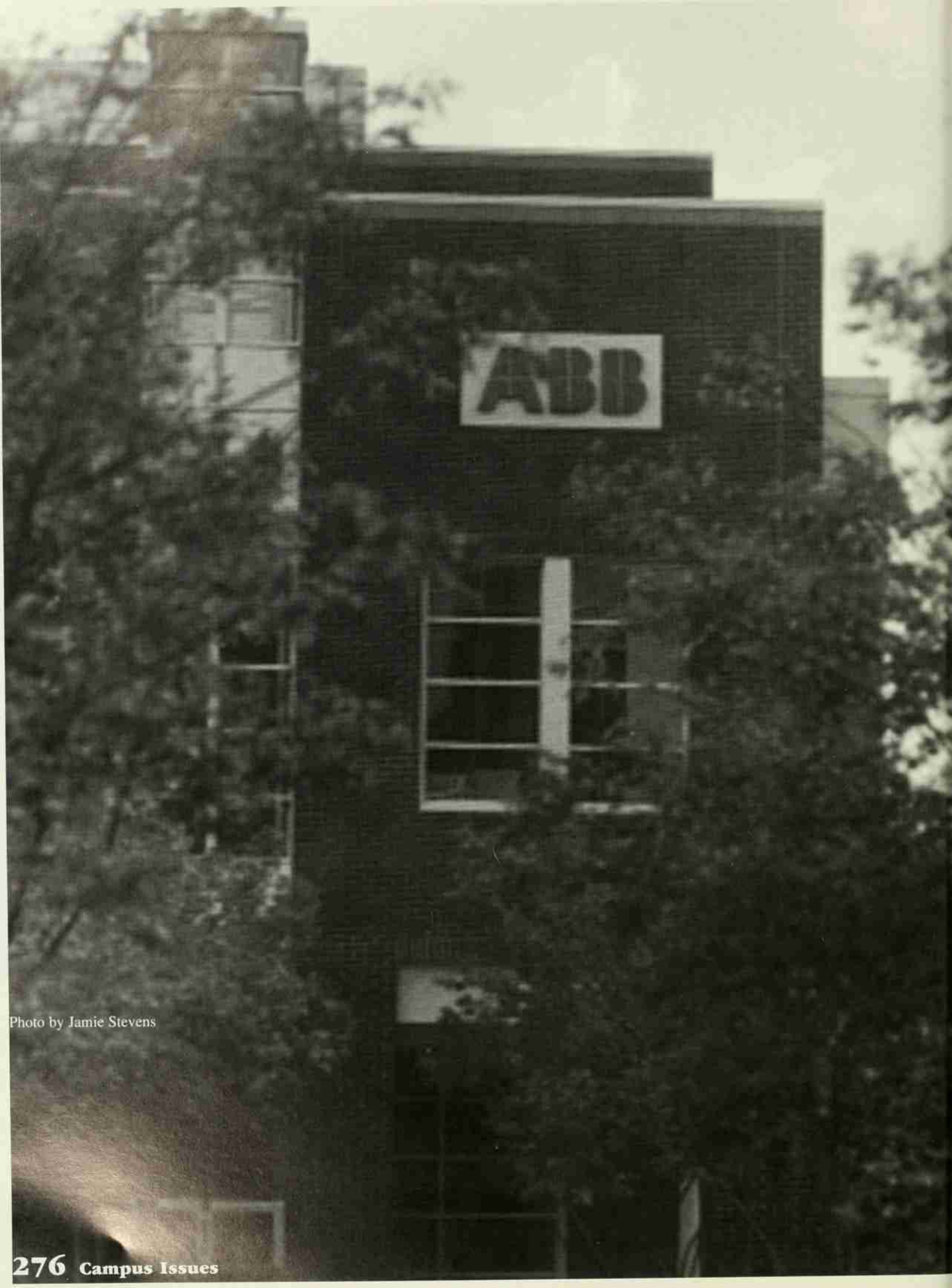


Photo by Jamie Stevens

NC STATE

NC State is in a strong position to compete in the global economy.

That was what NCSU Chancellor Larry Monteith told those gathered at the Forum on Reauthorization of the Higher Education Act, held Monday, September 22, 1997 at the NC Museum of History. The forum consisted of panel discussions that featured renowned educators from across the state.

The Higher Education Act funds the majority of federal financial assistance to college students, including Pell Grants, College Work-Study, and Perkins Loans.

Monteith spoke on the forum's final panel, which focused on higher education, the economy, and the global marketplace. He used NCSU's growth as an example of what universities should do to develop as a research institution in order to impact the global economy.

One of the issues he pressed was the partnership between industries and universities. "NC State University is an excellent example of just how strong industry feels about these partnerships. Last year, approximately \$30 million was awarded to NC State from over 500 industrial partners. We are currently ranked eighth nationally in dollars from industry for this kind of research alone," said Monteith.

Once industries and universities connect and research develops into results, Monteith stresses the "ownership of intellectual property." This is the only way to insure that the results will reach the global marketplace.

"And, it is working!" Monteith continued, "NC State ranks number one among Southeastern universities in licensing patents to companies in their own state."

Monteith claimed that another result from university/industry partnerships is hands-on experience for students.

"Today, the chances [for students] of being on a faculty, or of working in a basic research lab, like I did, are less likely. In fact, chances are that today's students will go to work in a company where there is a high-tech component. Their research experience will be a primary factor in their early success," said Monteith.

Panelist Sandra Babb, advisor on workforce preparedness for the governor's office, also spoke of what graduates need to succeed in the global marketplace. Graduates must be prepared for the changing business world, according to Babb. Babb stresses the ability for graduates to work in groups. "Work is more collaborative instead of hierarchical. Graduates must be able to take the role of either team leader or team member," said Babb.

Both Babb and panelist Bob Ingram, the president and CEO of Glaxo-Wellcome, insist on the ability for employees to not only keep up with, but improve the speed of changing technology. "We live in an innovation based economy," continues Babb, "Someone once defined an expert as someone who can keep up."

"I need to speed the search. I want to shorten what takes 12 years and millions of dollars to produce new medicines," Ingram said.

The panel members agreed that students need to be able to depend on themselves and adapt quickly in order to compete in the global economy. Universities must combine with industry to develop patents in order to compete in this "innovation-based" economy.

"It is the place where technology transfer is a contact sport, again, where scientists, students, and professionals from industry all work together to play out this incredibly important research game on a daily basis," Monteith concluded.

Story by Nicole Miller

REMAINS COMPETITIVE

Caucasians, Asians, Hispanics receive half the number of scholarships awarded to Native Americans and African Americans relative to their total enrollment, according to statistics generated by NC State's financial aid office. In the last five years, two new programs were established to give legislative grants and incentives to African Americans and Native Americans, according to Julie Rice Mallette, director of financial aid.

Mallette said it is often up to the donor to decide whether a scholarship will target minorities. "We do encourage donors to take any racial language out of it [award criteria]," she said.

Racial language in scholarship and financial aid applications are currently under review. The University of North Carolina's President Molly Broad said the affirmative action policies of all 16 UNC system universities must be examined. Broad said she wants to prevent lawsuits against campuses, a News and Observer article said.

Despite judicial action taken against race-based preferences, UNC system officials said the core of their system's affirmative action efforts -- race-based scholarships on all UNC campuses to increase minority representation -- is secure because it is "part of a federal government decree over desegregation," the News and Observer said.

However, some universities have re-evaluated their minority initiatives. Appalachian State University turned its African American scholarship into a multi-cultural scholarship and East Carolina University Chancellor's Minority Student Leadership Program, which gives 15 African American freshmen a \$1,500 stipend and a year of leadership training, mentoring, and workshops, was recently eradicated.

Even so, the UNC system has set up scholarships specifically for minorities. For example, the Minority Presence Grant Program is designed to bring minorities to NCSU and is appropriated through the state legislature. Mallette said that predominately African American universities do the same for Caucasians. "These are recruitment tools to increase minorities," she said. Mallette also said these grants would continue to be awarded, despite the review. On the other hand, the Dean's Merit Scholarships that target a certain ethnic population will no longer be awarded, she said.

Yvette Thompson, assistant director of undergraduate admissions, said her department is following the directives of Broad. At this time, she said nothing has been determined on how the review will effect the Dean's Merit Scholarships.

Thompson also said the Dean's Merit Scholarships are open to any student who is academically inclined, participates in extracurricular activities and has good recommendations.

Aggressively recruiting women and minorities in science and math is an example of the university's diversity efforts. However, Joanne Woodard, NCSU affirmative action coordinator, said the university places more emphasis on a diversity of ideologies rather than appearances.

A recent survey of about 100 NCSU students asked if affirmative action is the way for the university to have a competitive edge. "Yes," one student said, "because it helps induce diversity." Another student disagreed. "No, because that is reverse racism and college admissions should be based solely on criteria and characteristics of the person."

The survey also revealed that 57 percent of minorities and 88 percent of Caucasian students polled thought that race should not be a factor in admissions or scholarships.

"I think that the scholarship programs do cater towards African Americans," she said. "There are a lot more scholarships for them. That might be because of affirmative action or something."

Woodard said the university has benefited from affirmative action as a whole and minorities are assets to the university and an integral part of NCSU's identity.

Administrators guess the fate of race-based scholarships

A QUESTION OF MERIT

Story by Danielle Stanfield





Photo by Jamie Stevens

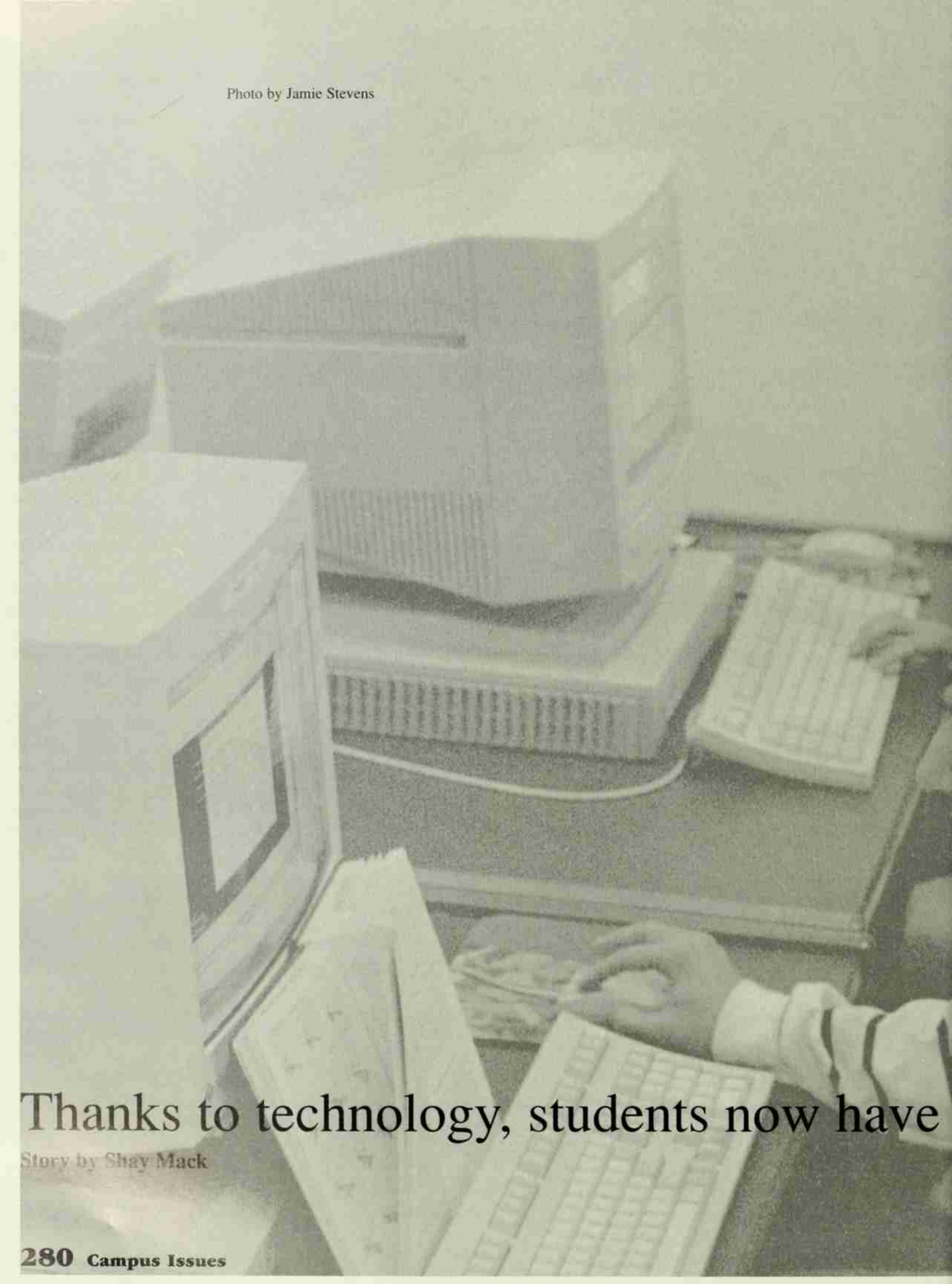


Photo by Jamie Stevens

Thanks to technology, students now have

Story by Shay Mack

A new NC State program will allow students to take courses without ever having to step into the classroom.

The name of this lifesaver is "Project 25." Offered over the internet, it is still an experiment at NC State but is hoped to be an added guide to the teaching process here.

Twenty-five of the 5,000 courses offered at State are now available on-line. That means many more students will have 24-hour access to the offered classes.

Students could even take a class at 3:00 in the morning if they wanted to, since they will be able to get their assignments and needed resources at any time on the internet.

The program is the brainchild of Frank Abrams, Assistant Provost at NCSU, and other faculty members on campus who have been looking for an innovative approach to teaching NCSU students.

Abrams said the program allows students to work at their own pace. "In real life, you will have to be able to approach things in a lot of different ways," Abrams said.

But will Project 25 be able to take the place of real professors?

"No," said Dr. Abrams. "Project 25 has been established to help professors in their guiding role as teachers to the students. It is a guide, consultant and evaluator only. It could never take the place of the advising that many professors have to do in order to help those students who may not understand the assignment or course, nor can it give that one-on-one attention that a lot of students need."

Simply put, Project 25 is mainly a supplement to in-class teaching, Abrams said.

Since all of the courses offered by Project 25 are taught in a normal format, students who don't have access to the internet don't need to fret. Project 25 users can change from the computer scene to a classroom at any point since the internet courses are taught at the same pace as the regular courses, Abrams said.

When asked if he thought this would be a successful project, Abrams replied, "I hope so. Assessing how well a success it is will be determined by the frequency of access, the time at which it is most accessed, surveys of students, expectations before and after use, and also a survey of the faculty's expectations will be done."

NCSU EXPANDS 1997 ONLINE OFFERINGS

ore learning options



Photo by Martha Harvey

NCSU

Libraries Expand

The staff of D.H. Hill is excited to offer a wide variety of services and resources combining the latest information technologies with the best of traditional print collections and personal interactions.

Many improvements in the Libraries have resulted from the suggestions of NCSU students. For example, at the request of graduate students, last year the Libraries purchased fifty small book carts that are available for public use on each floor of the D.H. Hill Library. Copiers were also placed on the stack floors for improved convenience.

New to the Libraries this year are expanded self-serve copying services, such as a wide-format copier and a color copier, both available at Photocopy Services.

For newcomers to campus, the library system consists of the main D.H. Hill Library and four branches. Thanks to funds from the recent tuition increase, all the libraries have increased building and staffing hours. The D.H. Hill Library now offers twenty-four hour service during the fall and spring semesters. Last year, more than 16,000 students used the building during its late night hours. The NCSU Libraries are unique in having not only reference and circulation staff on duty during the twenty-four hours, but uniformed security guards as well.

The four branch libraries serve specific colleges and programs at the university and provide full access to the NCSU Libraries Information System. They are the Design Library (Brooks Hall), Natural Resources Library (Jordan Hall), Textiles Library (Textiles Building, Centennial Campus), and the Veterinary Medical Library (College of Veterinary Medicine). Affiliated with the Libraries are the African American Cultural Center Reading Room at the Witherspoon Student Center and the Learning Resources Library in Poe Hall.

Beyond the holdings of more than 2.5 million volumes of printed materials, the NCSU Libraries is acquiring electronic databases of greatest need to students and faculty and providing twenty-four access to them through the NCSU Libraries Information System. This system offers an online catalog that students can search from dorm or home computers with modems.

One of the most heavily used areas of the D.H. Hill Library is the current periodicals and newspapers section. Thanks to the senior class gift of the Class of 1991, the Periodicals Reading Room in the Erdahl-Cloyd Wing is an inviting space with new carpeting, comfortable chairs, and attractive lighting and tables. This space complements the gift of the Class of 1989, the large Reading Room to the right of the D.H. Hill main entrance, created to foster an atmosphere conducive to learning and study.

These and other changes you may have seen throughout the year are part of the Libraries' plan to locate high-use public services areas where they are most visible and convenient. Stop by the second floor of the East Wing to see progress on the newest service area of the Libraries: the Learning and Research Center for the Digital Age. It will offer innovative services that help students and faculty take advantage of the potential of digital technologies in their coursework and research, including professional assistance with Internet and multimedia resources for instruction and a scanning and digitalizing facility.

The NCSU Libraries are here to help students attain a successful NCSU educational experience. Come try out the services and let them know how efforts can be improved to meet your information needs.

s Collections

Story by Jinnie Y. Davis,
Assistant Director for Planning and Research at the NCSU Libraries



Tunnel Flasher Strikes Again

Late Night Exposure Occurs for the
Second Time in Seven Weeks

Story by Phillip Reese

For the second time in seven weeks, a report of a man publicly masturbating in the Free Expression Tunnel has been taken by NC State's Public Safety.

According to a Public Safety crime report, a man allegedly exposed his genitalia to two female students as they walked through the Free Expression Tunnel in the fall semester. The alleged incident comes on the heels of an August 31, 1997 report of a man masturbating in the Free Expression Tunnel.

Crime prevention Officer Larry Ellis said it has not yet been determined whether the same suspect was involved in both alleged incidents. But he said Public Safety is carefully examining the possibility that the two events might be linked.

"Anytime we have two of the same incidents, we look extra close," Ellis said.

The most recent incident reportedly took place at around 1 a.m. on a Friday morning. At that time, two female students walking through the Free Expression Tunnel claim to have seen a man exposing himself.

"They observed a white male subject standing in the skylight area of the tunnel shaking his penis," Public Safety

Officer K. Smith said in a report. "[One of the alleged victims] said the subject's penis was not erected and the subject just stood there shaking his penis and did not run or move."

Both students left the tunnel immediately and filed a report with Office Smith, describing the suspect as a 5 foot 10 inch white male with short blondish-brown hair.

Officer Smith canvassed the area surrounding the tunnel, asking students if they had seen anyone matching the description of the suspect. He said a few students reported seeing someone who fit the suspect's description walking into D.H. Hill Library.

Smith searched the library, but could not locate the suspect.

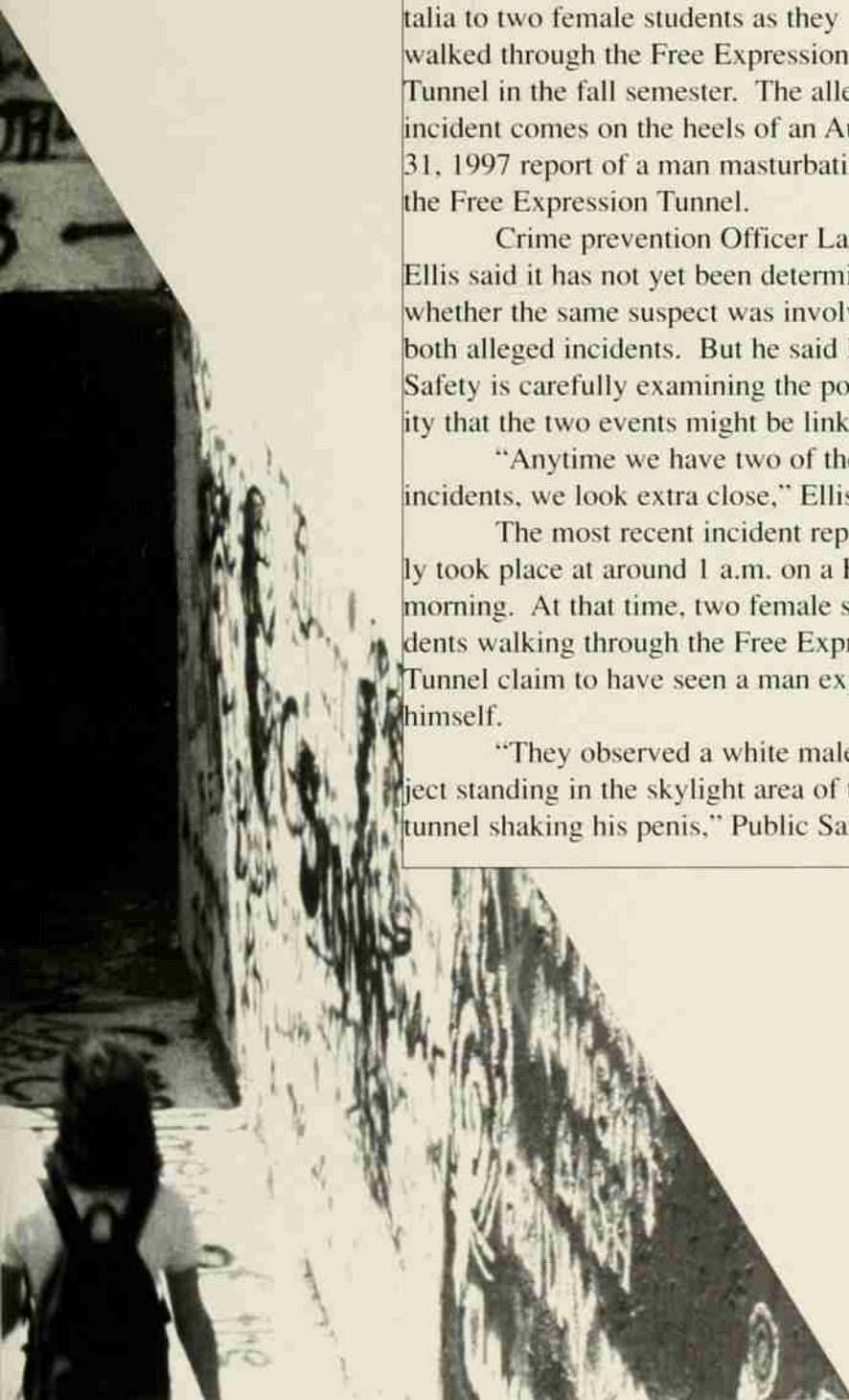
Ellis said Public Safety would beef up its patrols of the Free Expression Tunnel because of the two alleged incidents.

"If it starts happening in the same place, we'll be looking in the same place,"

Ellis also said the suspect will probably not be able to get away many more times.

"The more they do it, the more they increase their chances of getting caught," he said.

Photo by Jamie Stevens



JIM'S GYM OR WAKE'S WASTE?

It is doubtful this is what Jimmy V had in mind.

The shovels tore the dirt from the ground and the cameras clicked, capturing the many smiles and handshakes and exactly what was happening.

It was July 21, 1997, over ten years after its birth had been envisioned, and the Entertainment and Sports Arena was being made a reality -- sort of -- at its groundbreaking ceremony.

Dignitaries were on hand, including Gov. James B. Hunt, Lt. Gov. Dennis Wicker, and Carolina Hurricanes owner Peter Karmanos, among many others. If you were someone, you were there.

All of the special guests on hand spoke of what a great day it was to be a North Carolinian... of how special this day is to the region... and how proud we all should be. But what was notably absent was mention of why they were even there, looking out over a large muddy pit in the first place.

As the final cramped, sky-blue seat was put into the Dean Smith Center in Chapel Hill in 1986, then-State basketball coach Jim Valvano knew that the time was coming for the Wolfpack to move out of steamy, cozy Reynolds Coliseum and into something bigger, more modern.

What Valvano and then-Raleigh mayor Avery Upchurch envisioned was a coliseum located in downtown Raleigh. The new arena would serve three very important purposes.

First, it would provide State with a new basketball shrine, one that would top, or in the very least, match, the Dean Dome.

Secondly, it would give Raleigh and the Triangle a much needed conference center.

Finally, it would be the cornerstone of a downtown revitalization project.

The 1980s ended and with them went Valvano's job at State, as well as his dream. As the Wolfpack basketball program toiled from winners with questionable ethics to the lovable losers with the high SAT scores, the idea of a new arena seemed distant, if not silly.

The Entertainment and Sports Arena has gone from a grass roots dream to an overpriced regional sports Mecca. Here's how.

But as the hoops program turned a corner towards better days, one thing remained -- Reynolds.

"I can remember my dad, an alumnus of NC State, saying many times before he died, 'We need a new arena,'" Wicker said at the groundbreaking ceremony.

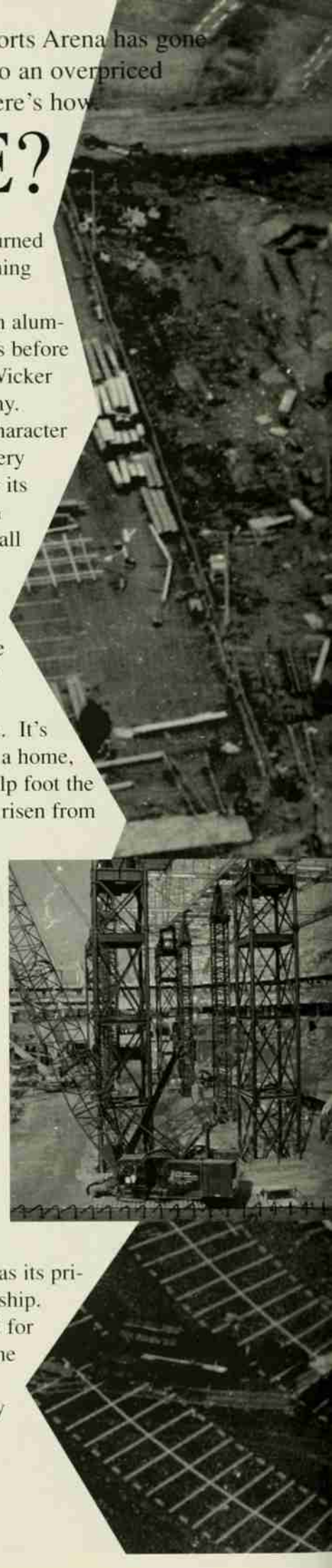
Reynolds had always had character and tradition. But as seemingly every school builds new, plush homes for its athletics teams, those two traits can only go so far. When your basketball team is mediocre, to say the least, another element must be added to the mix.

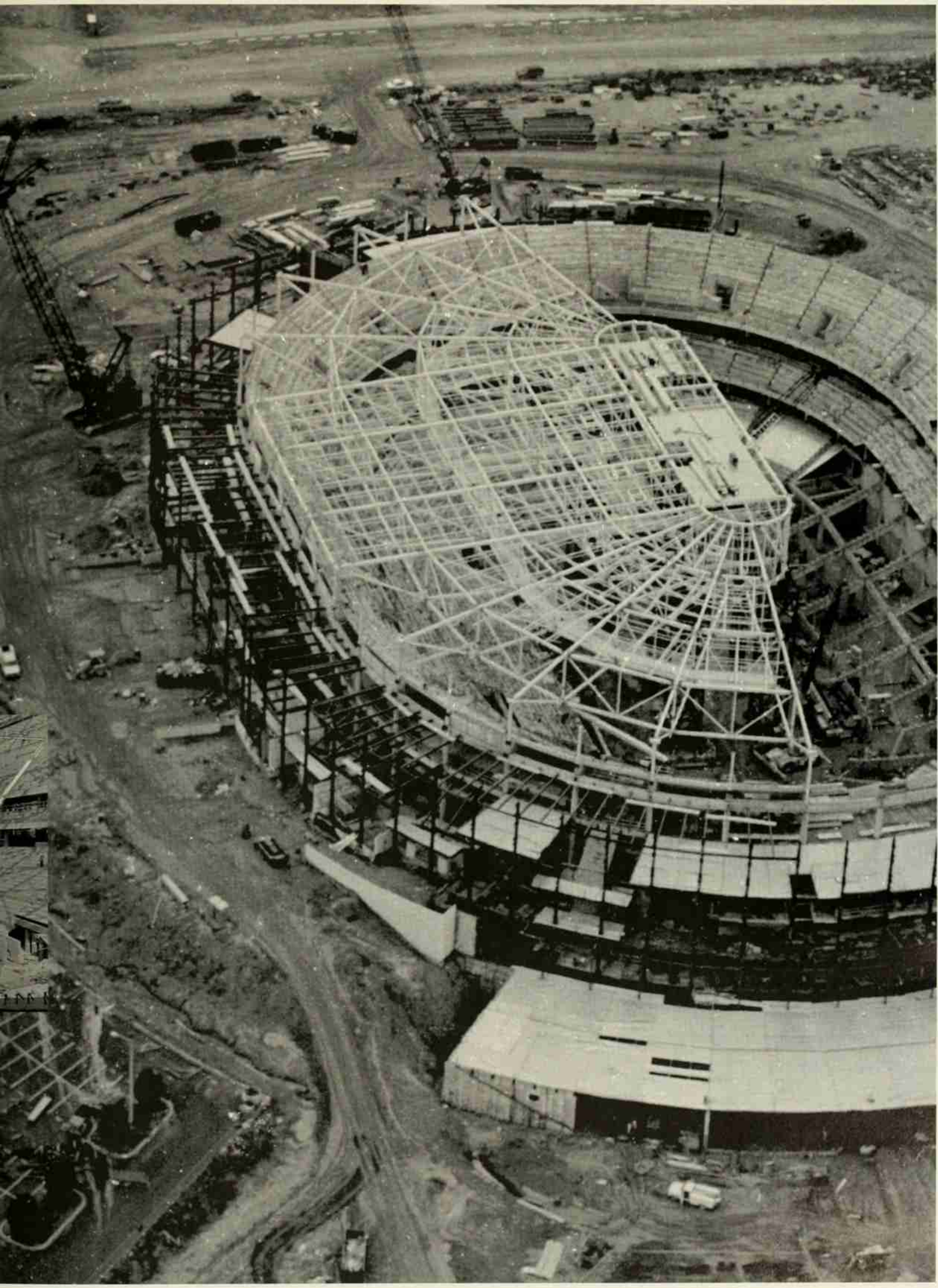
That's where the NHL came into play. It seemed like it was the perfect fit for the former Hartford Whalers to come to North Carolina. It's pretty simple, really. They needed a home, and State needed a roommate to help foot the bill for an arena, that price tag had risen from much less than \$100 million to around \$160 million.

Pack supporters felt, and still feel indifferently about the partnership. Most realize that the Carolina Hurricanes were essential to siphoning the money needed from Wake County and the state; but most realize that with the addition of the Hurricanes that State can't really call it "our" arena.

Thankfully, with the "I'll scratch your back if you scratch mine" attitude that usually goes along with these things, the Hurricanes decided to go with red as its primary color, completing the partnership.

All of the speakers on hand for the groundbreaking echoed the same words. "This will be the home of NCAA Championships and Stanley Cups."







HISTORY RESTORED

Story by Israel J. Pattison

A CAMPUS
ICON IS
SET TO
GET A
FACELIFT

For one timeless piece of visual art on campus, time has taken its toll.

Located in the Atrium food court near O.H. Hill Library, the Bromberg Mural has served as a conversation piece for more than 40 years.

The mural is the work of Manuel Bromberg and his assistant Ligon Flynn. This 10-foot-by-40-foot mural is the first work of its type, employing polychrome, or multi-colored, plaster. Traced in its intricate patterns are symbols and diagrams representing the seven disciplines represented at NC State.

Time has changed this artwork in several obvious ways. First, other "artists" have made their own additions since the mural's completion. In some ways, this graffiti has opened a historical window on the lives of NCSU students over the years.

Interestingly, though, these additions were not unforeseen. In a letter by Bromberg written many years later, he notes, "The graffiti, however, was anticipated when it was designed, in 1953, as part of an ongoing happening."

Perhaps less noticeable to today's community, the mural's colors have changed due to the passing of time. A coating of shellac added to the mural sev-

eral years after its completion added to the color change.

Bromberg's mural is a rich symbol of many skills and disciplines shared by the members of the NCSU community.

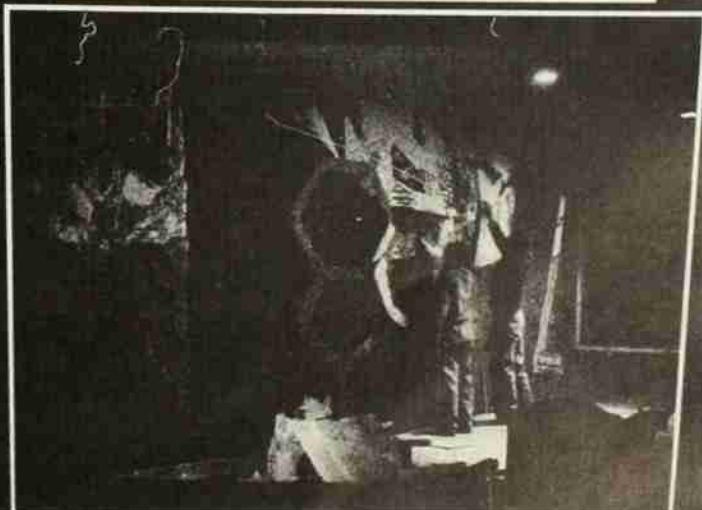
Contained within the designs are more than fifty different images -- everything from geometrical patterns to diagrams of cells. By using art to portray these images, Bromberg achieves a "unity of art and science" which represents a unity of man's intellectual endeavors.

Mural Renovation

This Mural is Alive!

This plaster mural, created in 1954, is undergoing restoration to bring alive the original colors which have for 40 years been dulled by a yellowing shellac.

We welcome any and all comments and questions.



CIVIL RIGHTS LEADER DRAWS CROWD AND ADDED SECURITY



Photo by Jamie Stevens

High-profile lecturer speaks out against militia groups. Morris Dees speaks out at the Witherspoon Student Center, which was surrounded by sheriff's deputies for the event.

On March 23, 1997, no one was allowed to enter the Witherspoon Student Center until they were searched and frisked. The high security was due to Morris Dees, civil rights attorney and keynote speaker for Human Rights Week. Wake County and NC State police heavily guarded this founder of the Southern Poverty Law Center.

Dees has launched an attack on the Ku Klux Klan and white hate groups across the country.

As a result of the rise in racial violence, Dees launched a program in 1986 focusing on teaching tolerance. According to Dees, "Getting along is a problem in this country and has been ever since this country was founded."

Dees spent a lot of time talking about the cause of the Oklahoma City bombing. Even though the country was devastated at the sheer destruction, Dees believes that "the reaction was what the people behind the bombing expected." Dees went on to explain that the bombers were expecting the bombing to be the start of a race war in the United States.

According to Dees, Timothy McVeigh "felt he was a good soldier saving the country from the terror within."

The bombers obtained their knowledge and hate for the government from the Turner Diaries. The fictional book records the destruction and genocide of people of color in the late 1990s from the account of a survivor of the race war. The author of the book is the founder of the National Alliance, which is the largest white power group in the country.

Dees explained that the culmination of some white supremacist's hatred of the American government began in 1992 after the battle in Ruby Ridge, Idaho. The mother and son of Randy Weaver were killed because they belonged to the Christian Identity group.

Story by Francesca Carpenter

"The Christian Identity believe Jews are children of the devil and Aryans are God's chosen people," Dees said.

The membership to the racist group was not the cause of the FBI and ATF investigation, but rather was Randy Weaver's involvement in the selling of sawed-off shotguns.

The murder of the Weavers caused other white supremacist to fight against what they call the ZOG, Zionist Occupied Government, and the NWO, New World Order. According to Dees, their purpose is to save "God's chosen people."

Due to the rise in membership of hate groups, Dees enforced his already existing Klan Watch and Militia Task Force to tape conversations and meetings held by the Militia Movement.

"These people have tremendous potential for violence," Dees said. "Our government is playing into the militia's message."

He believes that the United States tends to underestimate the influence that these groups have. According to Dees, the recent bombings in Atlanta -- the gay nightclub bombing, the abortion clinic bombing, and the Olympic village bombing -- all have one thing in common: they all go against the Christian Identity's message.

"Real patriots line up at the ballot box," Dees said.

Even though militia groups have a passion to cause great harm, Dees believes that the United States must "keep the door open to hear these people." The only way the United States will be able to deal with hate groups is by listening to them and challenging what they have to say.

Dees closed by saying, "We have to trust our government because it separates us from totalitarian regimes in the world."

STUDENTS, WORKERS PRO

The NC Public Service Workers Union (UE 150) decided to meet Molly Broad Wednesday by protesting outside Reynolds Coliseum.

Chanting "unionize, don't privatize" and "hey, hey, what do you say? UE 150 is here to stay," about 40 union members or sympathizers reminded the new president of the UNC System about its concerns regarding downsizing and privatization.

"We came here to raise awareness about a number of issues," said Saladin Muhammed, organizer of the UE 150 in North Carolina. "Workers are very concerned and apprehensive about their future with privatization and downsizing."

Muhammed went on to say that the union would like a moratorium placed on privatization until each school in the NC system can come up with a five year plan on the subject. He would also like to see Broad address eight action proposals that the union has come up with.

Included in the action proposals is a call for Broad to respond to workers grievances, end institutional racism, pay service workers a living wage and to meet and confer with workers' representatives.

Barbara Prear, president of the UE 150 and chair of the UNC housekeepers, echoed similar sentiments to Muhammed. "We want Molly Broad to know some of

the grievances of the workers," said Prear. "We want [the universities] to tell us where they are going on privatization. They know what they are going to do, but they won't tell us. The workers need to know if they are going to have a job."

The union is also concerned about alleged instances of apparent hate crimes and discrimination against union workers. "Workers have a right to organize under the First Amendment," said Muhammed. "Right now, we don't have the right to negotiate, but we are working on that."

According to Muhammed, there have allegedly been three separate instances since January, 1997 at schools in the NC system in which a noose has been found at the working site of an African American employee, including one at NC State in February.

Howard Glenn, a former housekeeper in Wood Hall, said he was fired by the university for inadequate work. He also said the university would not let him file a grievance about his dismissal, despite the fact he collected over 30 letters of support from students in Wood Hall. Glenn suspects he was fired for joining the union.

"I am out here to support the union and to try and get my job back in Wood Hall," Glenn said.

Steve Bader, an organizer with the UE 150 said that the main goal of the protest is to get Broad to listen to the union's worries. "The main thing is to recognize the union and have a meet-and-confer relationship. We would like her to hear workers' concerns on a monthly basis."



EST AT CEREMONY

Union workers and sympathizers march outside Reynolds in support of workers rights. Prior to the Inauguration Ceremony of Dr. Molly Broad as the new president of the UNC System on Wednesday, April 29, 1997, protesters gathered outside Reynolds Coliseum.

Story by Jack Daly

BE LIKE DR. KING
SUPPORT
N.C.
PUBLIC SERVICE
WORKERS UNION
UEA 150

Photos by Jamie Stevens



DANISH

ALL CAMPUS CARDS

A proposal has been issued by Randy Lait, business manager of dining services, to create a program with will allow students to use AllCampus cards off campus.

Following the example set by Duke, UNC-Chapel Hill, and Appalachian State University, the program would allow students to use their AllCampus cards in most Hillsborough Street stores. Although the program is still in the early stages of development, Lait estimates its activation to be early summer, 1997.

To obtain this service, students will receive an extra stripe on the back of their AllCampus card, Lait said. This second stripe will be a teller or ATM stripe, which means that money represented on the card will be drawn directly from the students' bank accounts.

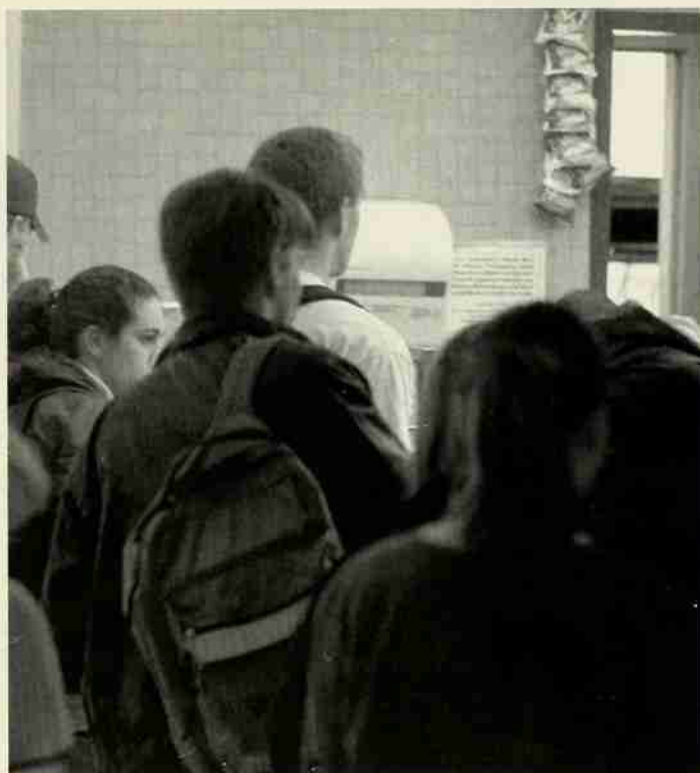
By adding the extra stripe, the ATM and AllCampus cards are consolidated into one convenient card, Lait said. This card can then be swiped at all participating stores, much like a debit card.

It has not yet been determined which Hillsborough Street businesses will accept the new consolidated cards, Lait said. The idea of such cards is still in the planning stages, and will not be discussed thoroughly with Hillsborough Street businesses until the card is approved by NC State's administration. Lait said the university has to go through area banks because NCSU is not allowed to assume that degree of financial responsibility for students.

This policy stems from a statement issued by the state attorney general, which says, "universities are not permitted to assume the role of a bank."

"We will never be able to have AllCampus cards where money is put onto it through the university," Lait said.

Appalachian State, which works with BB&T to provide students with off-campus services, has become the working model for NCSU's off-campus services, Lait said. However, Lait wants to see a broader system than ASU's at State. "We hope to work with more than one bank to provide students with more options when spending their money along Hillsborough Street," he said.



AllCampus cards could be used at businesses off campus next year.

Story by Erika Smart

TO EXPAND

MEMO

June 17, 1996

TO: ALL STAFF

FROM: D. OAKLEY

RE: TUESDAY MEETING

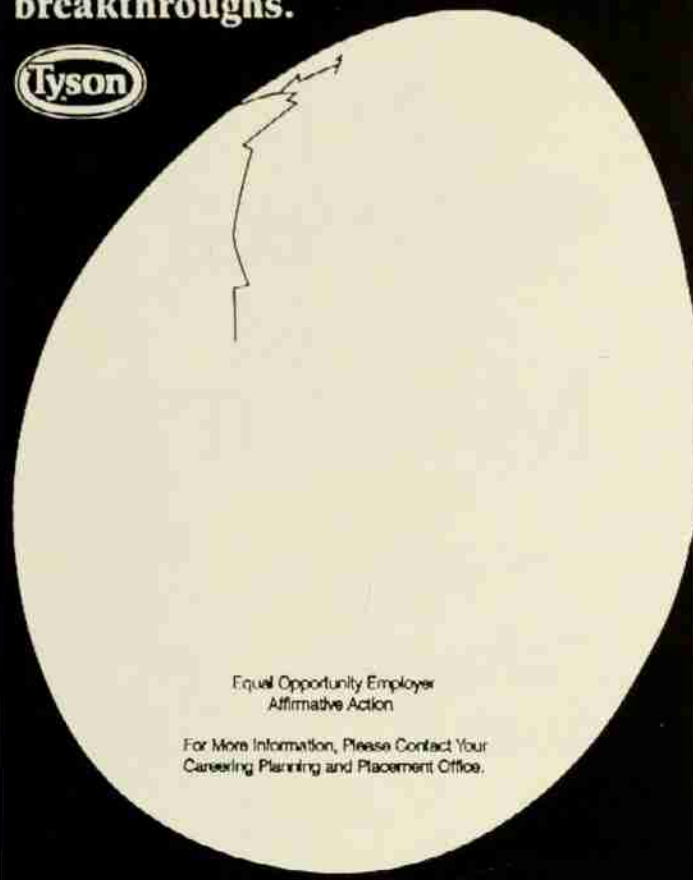
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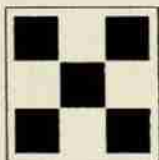
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EPILOGUE



Am I allowed to say I worked too hard in school? If not, I'm gonna do it anyway.

As graduation looms closely ahead, I long to be a freshman again. A freshman who stays up late and parties every night. Someone who talks on the phone about this and that for hours on end. A freshman who cuts corners and studies at the last minute. Problem is, I never did any of that. And now I want to.

Somewhere I developed this intense responsibility, and it hasn't made my life much fun. Weeknights are off limits to hanging out; after all I had class! True, for one-half a semester I was carefree and actually took the time to hang out. Then I looked at my "friends" and realized that none of them did anything related to their major. They drank the night before tests and couldn't understand why they failed. They scoffed when I joined clubs related to my major. "What a waste of time," they said. So I did a freak thing and ditched them. They had no direction and I didn't like that. Their resumes could consist only of terms like "hung out, partied and worked for a summer at TJ Maxx." Definitely unimpressive. After all, they didn't have the sense to look ahead.

As a struggling sophomore, I couldn't see the light at the end of the tunnel anymore than they could. But I know it was there. Now I'm at the end of the tunnel, and the light just came out of nowhere, and I didn't take the time to notice it.

I was much too dedicated to my major, which, by the way is communication. I blame this on my professors. They drilled into my head that if I didn't work hard and intern, then I wouldn't get a job. So, intern I did. This extreme dedication resulted in me giving up any sense of a life. I worked 30 hours a week at WRAL my senior year and interned for a brief time at Citysearch. My last summer of freedom was spent like this: class, Technician, News Services internship, and working retail at this place I'll now refer to as hell. Wow! That was some summer! Natural light never got the chance to be exposed to my skin. I probably suffered from fluorescent burn. The summer before that, let's see -- I worked at Technician and WKNC, the campus radio station. Add to this classes, extra projects and various clubs, and that equaled no life!

The thing is, I made fun of people who had spare time and who spent time relaxing. The term lazy comes to mind. I couldn't imagine having a day off. What would I do with 24 hours off in a row? It's unfathomable. Even having off for six hours in a life is a luxury to me. I've crammed more into a day than some people can cram into a week. If you don't believe me, just ask to see my day calendar. Seriously, I'll show you.

Some people ask if it was worth it. Well, I got the first full-time job I applied for. I'm not a peon; I run my own department at a magazine. Pretty impressive for a 21-year-old. But that's just my point -- I'm only 21! I'm supposed to show up for work hung over and needing aspirin because I was out too late. As if!

So, here I am. I have a resume to die for, but no life. Yet, I was a model

WORDS OF WISDOM

by Dawn Wotapka

college student to my parents. They're bursting at the seams with pride in their accomplished daughter. Accomplished at the books, yes. Accomplished at close friendships and hanging out? No. For a while, I forgot how to socialize!

When was I allowed to be a kid? The answer is, I chose not to be. I know no one will ever tell anyone this, so I'll be the first. Enjoy life. Stop and smell the roses. I didn't and I'd give anything to be able to do it. Unfortunately, I've been thrust into the real world, and I have to work at my job for a year before I'm allowed to stop and smell anything.



IN MEMORIAM

FIFTH CREEK PRESBYTERIAN. TWICE AS HARD. THE RUBBER BAND THEORY.

by Glenn Shiring

I napped beneath a tree
in a graveyard
in the backyard
of a church in Statesville.
Ants crawled in and out
of my blue jeans, for I'd taken off my socks and shoes.
I travelled back and forth
through the circuits of time.

NOT MY WILL BUT THINE BE DONE.
PURDY, JOSEPH L. 1911-1980.
When I awoke my right shoulder was asleep.
I dropped a plastic flower
at the foot of a stillborn baby
headstone, old and faded pink.

Robin Hood robbed from the rich
and Little John followed.
Sundance leapt onto the backs of moving trains,
not for the money
but for Butch.

The name MOORE faced me,
carved in marble;
the ohs were eyes.
I reached down to rub sap
from my left heel.

One block read STOCKES behind the tree
and I thought I would buy some
when I get home
Then I had to go.

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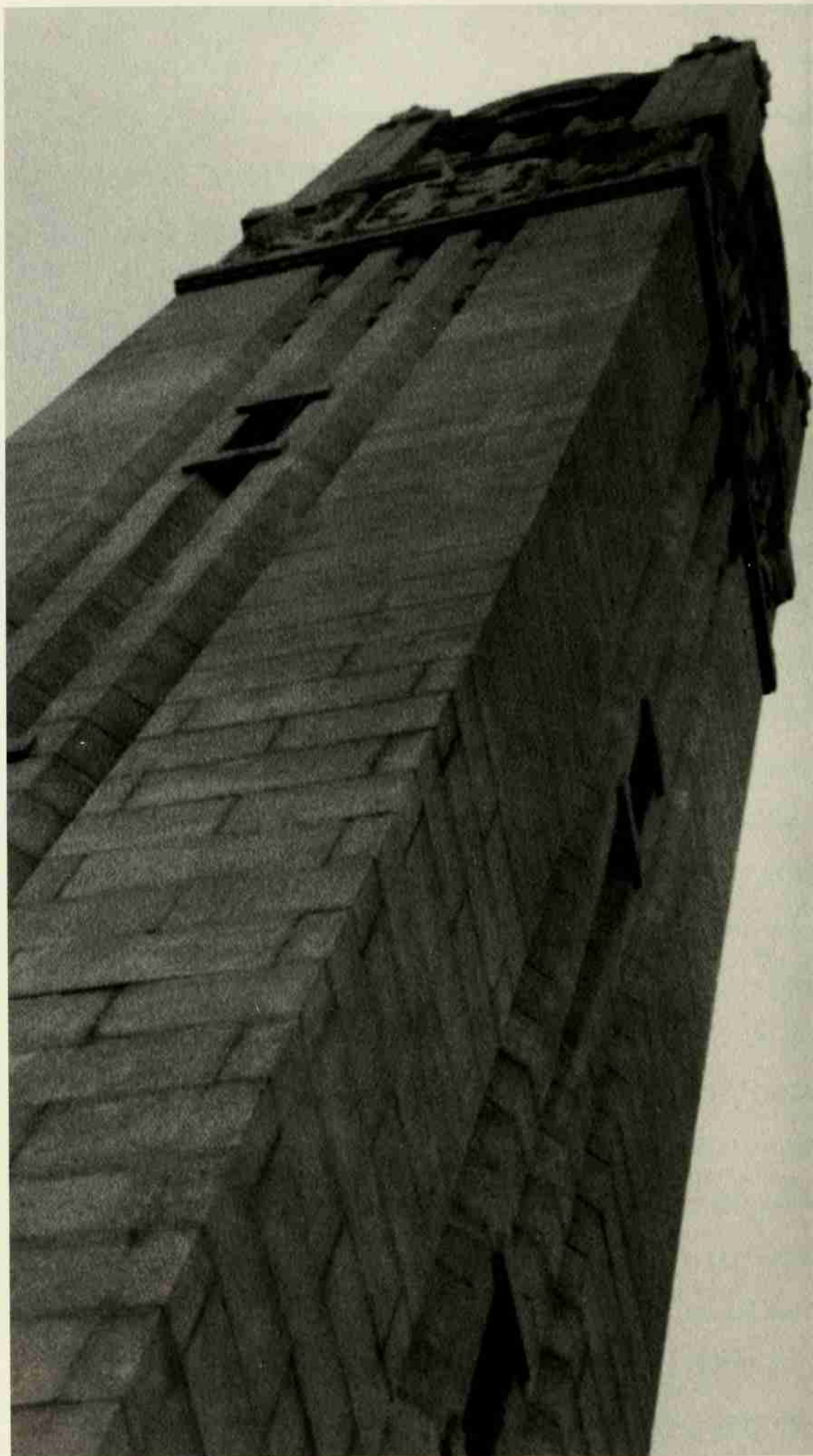
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Congratulations, Class of 1998!

Your study, research and hard work have earned you a North Carolina State University degree. Now, it's time to begin your careers as scientists, teachers, administrators, engineers, and professionals in the many fields of study available at NC State.

In the years leading to a NC State degree, the members of the Class of 1998 distinguished themselves with numerous remarkable achievements. Included in your class are Caldwell Scholars, a Park Scholar, University Scholars, University Fellows, Teaching Fellows, Phi Beta Kapps, Phi Kappa Phis, and All-American Student Athletes. For many of you, the knowledge gained during your years at NC State has benefited the community. You have mentored fellow students, enriched us with contributions to the arts, given us proud moments on fields of athletic competition, and strengthened this institution with your leadership.

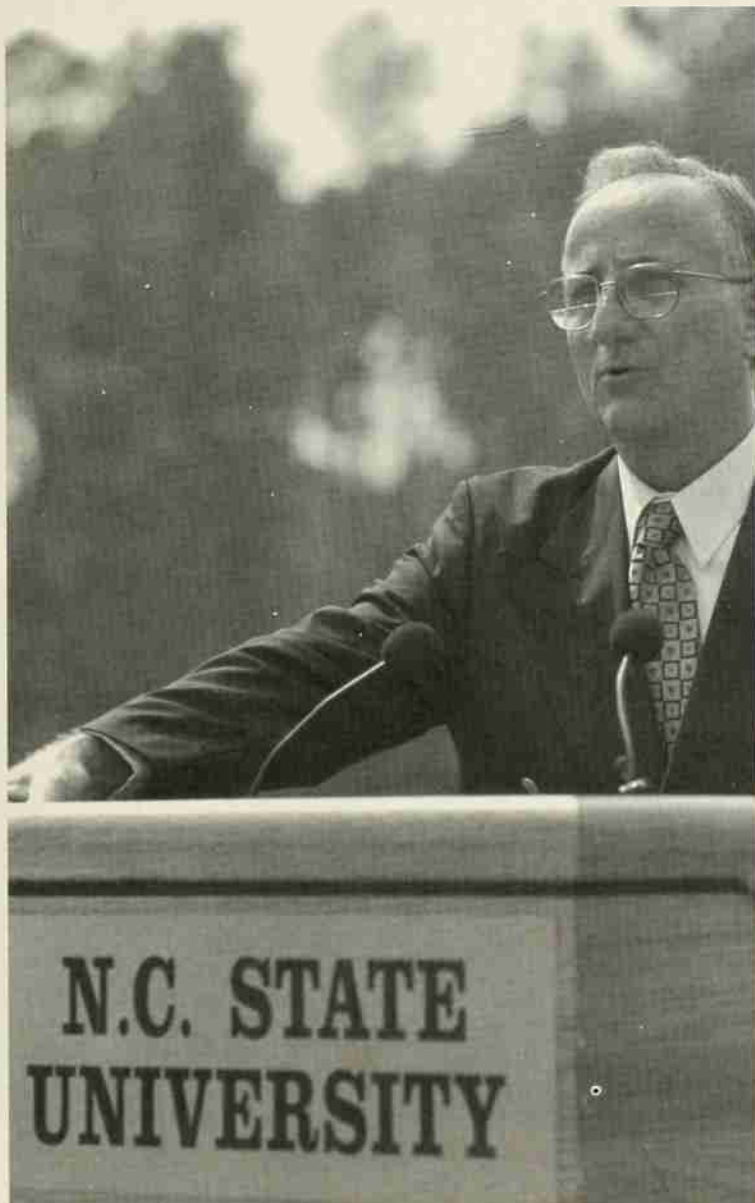
NC State is proud to have enrolled so many distinguished students who have conducted meaningful research, published scholarly articles, and studied abroad to prepare for the challenges of the global marketplace.

This year brings to a close my tenure as Chancellor of NC State. In this, my final message as Chancellor to a graduating class, I encourage you to be open to all of the possibilities that life offers. The NC State community and I wish each of you a fulfilling and prosperous future.

Sincerely,

Larry K. Monteith
Chancellor

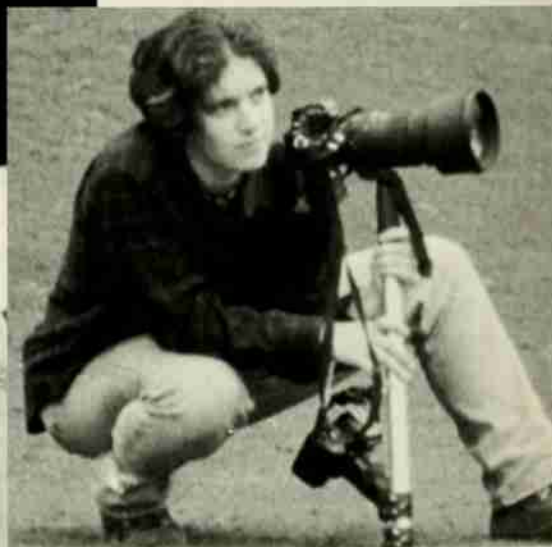
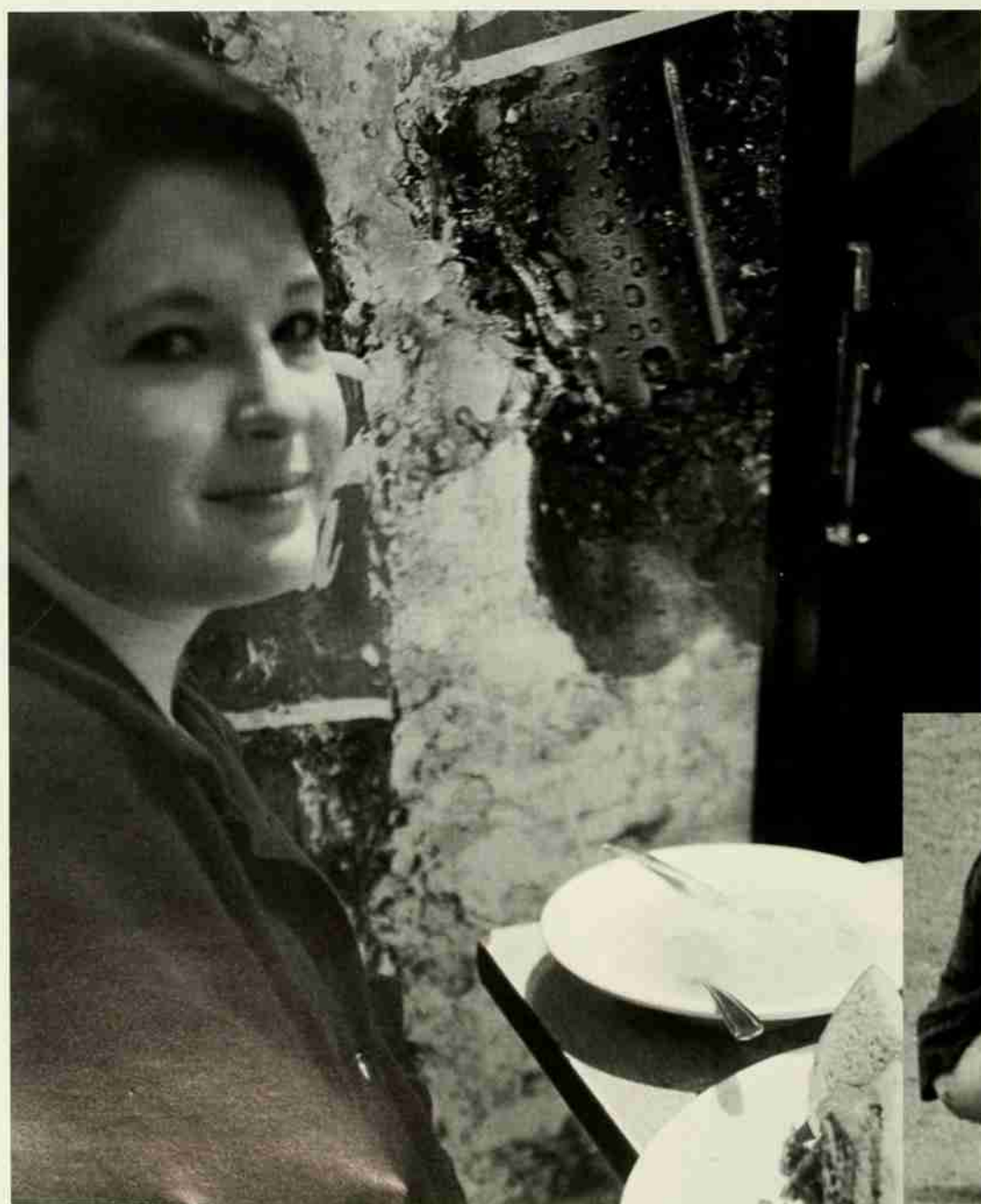
CHANCELLOR LARRY K. MONTEITH



A Time of Achievement

1960	Graduated from NCSU in Electrical Engineering
1962	M.S. in Electrical Engineering (Duke University)
1965	Ph.D. in Electrical Engineering (Duke University) Adjunct Asst. Professor of Electrical Engineering
1968	Assoc. Professor of Electrical Engineering
1970	
1972	Professor of Electrical Engineering
1974	Head of Electrical Engineering Department
1978	Dean of College of Engineering
1980	
1984	Distinguished Engineering Alumnus
1989	Named Interim Chancellor
1990	Named Chancellor of NCSU Engineer of the Year
1991	Paul Harris Fellow
1998	Retired as Chancellor of NCSU

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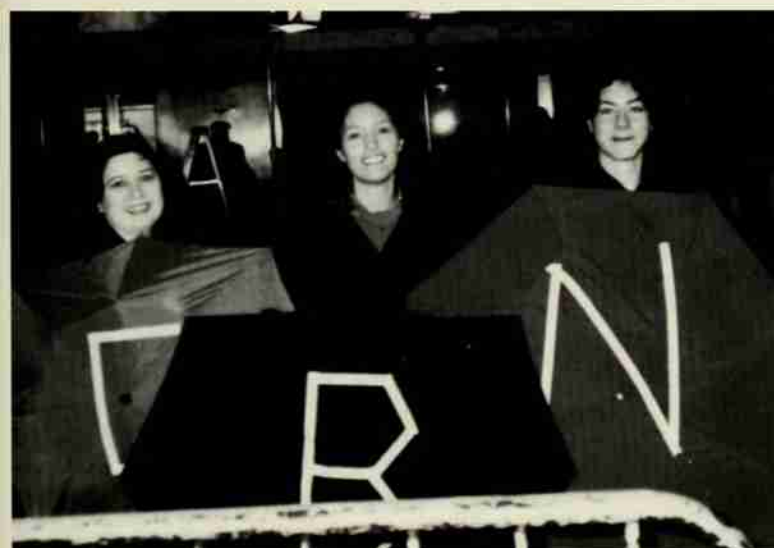
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So, what exactly is an editor's note? And does anyone really read it? Traditionally, an editor's note has included praises and criticisms, positive and negative thoughts, hopes and dreams, and even some complaints. Well, this year, I wanted to be a little different. It goes without saying who I owe thanks to for getting through this year — and I hesitate in naming names, because if I forget someone, and I surely will, then I will be in horrific trouble!! Furthermore, it would be unprofessional to use this avenue to criticize or lash out against anyone, for this book will become part of the history of North Carolina State University.

Two years ago when we began the process of rebuilding the yearbook, sales were down and awareness of the book around campus was extremely low. During the past two years, the Agromeck staff has set new standards for the design and content of the book, not to mention the structure of the staff and overall campus awareness. Sure, there have been plenty of mistakes and lots of learning curves to overcome. And, certainly, there is a lot more to develop. However, the growth that Agromeck has experienced in the last two years has been tremendous and everyday it continues. I hope that I had at least a small part in all of this — and in inspiring the staffs of the future to carry on that “vision.”

Throughout the edition this edition of Agromeck we strove to not only remind you of the events and accomplishments of the university and your peers, but also to encourage you to consider some of the issues that we face everyday — not just in our university community, but also in our world community. We sincerely hope that you enjoy this book and continue to support Agromeck in the future.

Jennifer C. Cesare
Editor-in-Chief
Agromeck 1998

COLOPHON



THE YEAR IN BRICK

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