

Technician

North Carolina State University's Student Newspaper Since 1920

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Opinion

A paper that is entirely the product of the student body becomes at once the official organ through which the thoughts, the activity and in fact the very life of the campus are registered. It is the mouthpiece through which the students themselves talk. College life without its journal is blank.

— Technician, vol. 1, no. 1, Feb. 1, 1980

Legislature socks college students

The North Carolina Legislature is doing it to students again. It's trying to balance the budget on the backs of the college students.

Rising prices are not new to students. It seems that everything students need is increasing in price. Next year at State, in addition to tuition increasing, dorm rent is going up faster than South hall. The price of books is also spiraling. Even though freshmen are required to eat in the cafeteria, the price for this forced feeding is more than ever.

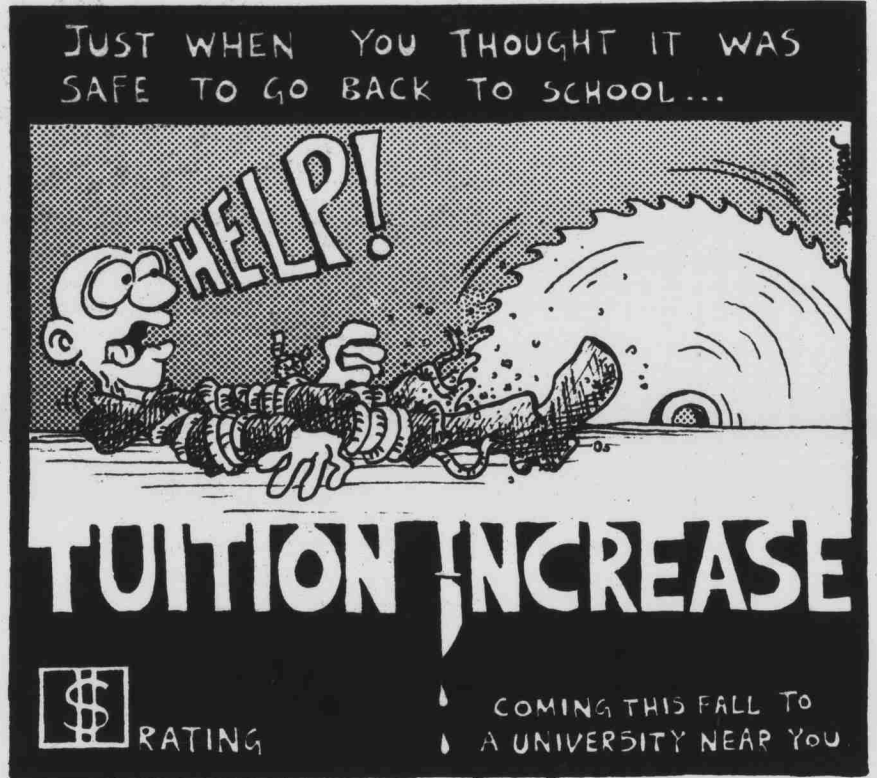
It's obvious that someone forgot to tell our representatives that students are in a bind. The federal government is cutting funds for student aid every year. As noted, the cost of everything is on the rise and yet students are expected to come up with higher tuition payments every year.

Students cannot continually meet higher tuition bills. Already, students without wealthy parents are being forced to drop out of school because they can no longer afford the basics like food and shelter.

The legislature is sending a dangerous signal that they intend for college to become a reserve for the wealthy. In their latest move the legislature has appropriated more money for private schools and decreased the amount of aid to public schools.

It is ludicrous that education is becoming one of the major issues in the presidential campaign and yet the North Carolina legislature is cutting funds to higher education. While Gov. James B. Hunt is supporting measures to increase the pay for public school teachers as well as merit pay for superior teachers, students in higher education are being told that unless they are rich they need not apply.

The public university cannot become a haven for the rich, for if it does, it will serve neither the students nor the state as it should. Students who have the mental ability to make a contribution to the state will be denied the chance to study because they cannot afford to. Society will miss these students' potential contributions. Everyone loses when college becomes a reserve for the rich.



Communism grips Central America

I believe in Central America. It is a beautiful land, a land of honorable people. A land of countless, untapped natural resources. A land rich in tradition. However, leftist regimes are gaining a tighter grasp on the people and the government.

Changes, admittedly, must take place in local governments, but they cannot unless Communist forces are wiped from the land. This cannot be done without U.S. military aid.

Leftist guerillas aren't necessarily concerned with human rights. In a recent interview, a leader of the Democratic Revolutionary Front in El Salvador (a Communist party) said, "We will not lay down our arms until this problem is solved."

Attacks on Guatemala City by leftist guerillas began in late 1980 when routine bombing of grocery stores, banks and other buildings could be heard every other day. The areas were bombed when closed, enabling Communists to kill as few people as possible. They didn't want reputations as killers. They merely wanted to scare people and the government and to force the government to create "repressive" measures, such as curfews, in order to save civilian lives.

Leftist guerillas are currently supported openly by Cuba, Nicaragua and the Soviet Union. "Since the Sandinistas took power in Nicaragua in 1979, the country has received an estimated \$400 million in aid from the Soviets. Fred C. Ikle, undersecretary of defense for policy, stated in several periodicals recently that approximately \$1.6 billion has been received from Western sources. Ikle defends Reagan's

MARY GLENN BARWICK

Editorial Editor

\$160 million aid proposal to El Salvador.

People like Stephen R. Kass, a New York lawyer who "interviewed" refugees from Guatemala on the Mexican border, are opposed to military aid. Kass reports horrors the government is inflicting on its people. He commented on "the continuing pattern of indiscriminate violence directed at peasant communities."

He also stated, "Any village regarded by the local government as not being firmly supportive of government efforts to destroy subversion is regarded as subversive itself."

I can easily see why. Efraim Rios Montt, Guatemala's president, is attempting to maintain some sort of democracy for his people. He believes that traitors simply do not belong.

One can understand why a peasant would question Montt's democracy by simply putting oneself in a peasant's position. Suppose:

I am an Indian, father of nine children with a wife and parents to support. I receive about \$2.50 a day for back-breaking work in the fields. I am illiterate. Suddenly, a nice man, who (unknown to me) is a leftist commander of a guerilla group hidden not far from my village, promises me the equivalent of "three acres and a mule."

He promises me equality. He promises a big fancy house, like the one my patron has in the city. He promises protection. He fails to mention that Communist

governments do not support religions. I am deeply Catholic. He also doesn't mention that the promise of equality is a lie. A blatant lie, if one looks towards Nicaragua and the Soviet Union as examples.

I firmly support President Ronald Reagan's proposals for military aid to these countries. This aid can be used to help local governments fight Communist intervention. If we don't help, we will have the Communists at our back door.

We must not simply hand the Central American officials a check and wish them good luck. While problems like leftist attacks and government tyranny do exist, the real issues at hand are the countries' high illiteracy rate (approximately 80 percent) and the small upperclass, large lower class system that allows interventions to begin.

We must help these people by educating them, by making sure they are properly represented in their governments and by showing more respect to the poor. They are people, not chattel or mere numbers.

Refusing military aid will not only cause these Central American countries to lose the war, it will also cause the people of these small but dignified countries to lose face. It brings to mind a picture of the Guatemalan national bird, the Quetzal, who, in the national anthem, flies free, but in reality, without U.S. help, will be reduced to a wingless symbol of destruction.

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AROUND THE CAMPUS

Fulbright grants just 'next step up'

by Barrett Wilson
Assistant Features Editor

David Stuckey, the on-campus Fulbright Grant advisor, wants more State students to apply for the year-long overseas research grants.

"We were intimidated by college applications when we were high school seniors. This is another step up," Stuckey says.

"In the past a half dozen completed applications would be a tremendous success," he continues. "I have this sense that the Fulbright is a very accessible program." Several grant recipients from State have been selected.

Potential successful candidates here may overlook the program, Stuckey believes.

What characterizes a potential Fulbright scholar? "The key thing would be somebody who is motivated to go abroad and study on their own, with a particular study interest which is not available here."

"There are people who want to go overseas with 25 other Americans, and there are others who want to go independent and alone," Stuckey said.

Fulbright scholars may spin the globe to choose a country to work in. Antarctica is absent but Sri Lanka, Yugoslavia, Peru, New Guinea and Fiji may be attempted. The most popular and competitive regions are Germany, Britain, France and Italy.

Seniors graduating before the grant begins as well as the usual graduates are eligible. Five hundred and twenty-two grants were awarded last year.

Stuckey may be reached in 105 Alexander Hall for further discussion of Fulbright travel possibilities.

Tick fever answers sought here

Blood samples from 600 dogs in the state will tell Dr. Edward Breitschwerdt and Vet school associates much about the tick-borne Rocky Mountain Spotted Fever in the most extensive research yet done on the occurrence of the disease.

The researchers will evaluate the relationship between the prevalence of antibodies in dogs to report incidence in humans.

In 1981 101 human cases were reported in the state, with 12 deaths resulting.

Breitschwerdt believes that Rocky Mountain Spotted Fever in dogs may represent a model system for the study of human disease.

"The more we learn about the fever and its prevalence in a given area, the more prepared we'll be to avoid serious illness in humans and their companion animals," he said.

Symptoms of the disease include rashes, fever and headache; the result can be shock, coma and eventually death.

Pets can bring infected ticks into the home where they might attach themselves to humans.

"Considering the sheer numbers of people who live in North Carolina, those who become seriously ill or die from the disease are relatively few," he said.

Because only one in 5,000 of ticks in the state are carriers, the numbers of ticks found in a particular region aren't necessarily indicative of a high risk area.

"People are warned about vacations in areas where ticks are prevalent, but we may find that dogs in those areas are clean and that the major problems are in other locations in the state," Breitschwerdt said.

"If the dog proves to be a valuable sentinel animal, periodic evaluation of the canine population in a given region may prove helpful in the fight against Rocky Mountain Spotted Fever in humans and in their pets as well," he said.

New guide to study success available

Antidotes for a child-like attention span are available from the National Institute of Education, in a booklet geared to teaching kids techniques for paying attention, learning, remembering, and taking tests.

"Students should 'downplay' such factors as luck, teacher attitudes and basic intelligence, says NIE Director Manuel Justiz. They "need to know they can learn."

"Successful students develop certain skills and attitudes that are lacking among the less successful." Good students take responsibility for their own learning, learning to focus, to comfortably study without stress.

Positive self-talk and specific goals help, with the technique of asking yourself questions about the material. Scheduling can be improved by logging activities of the day in a journal.

"How to Help Your Children Achieve in School" is available for \$3.75 from the Government Printing Office in Washington, 20402.

Pollution monitor developed

An effective method of monitoring air pollution from organic solvents has been developed by Louis Jones in the chemistry department.

Funded by a \$75,000 EPA grant, Jones and his team designed a new mercury compound for use in small, three-inch cartridges to track air quality in workplaces. Gas chromatography then identifies the pollutants and their levels.

Organic solvents are extensively used in American industry.

Coke profits accepted for scholarship fund

Jim Valvano and Chancellor Bruce Poulton recently accepted Coke profits for the general scholarship fund. "Not only do we sincerely appreciate the money — we'll put that to good use — but I certainly appreciate Coca-Cola adopting the Wolfpack colors," Poulton said. The Coca-Cola Bottlers of North Carolina presented Poulton and Valvano with a check for \$44,906.

Don Seifert of Henderson, president of the North Carolina Coca-Cola Bottlers' Council, presented the oversized check.

Seifert said North Carolina bottlers of Coca-Cola ordered some 1,283,040 of the commemorative bottles picturing the "strutting wolf" with a basketball under one arm and a Coke in his hand. The back of the bottle highlights "The Cardiac Pack" and the tournament schedule and scores.

New guide readied

The fall Restaurant Guide published by the NCSU Association of Student Consumers plans on expanded coverage this season. The Guide details decor, ownership, hours and briefly reviews food in nearby restaurants.

Cat leukemia safe

People who own cats with feline leukemia should not fear catching leukemia, Dr. Richard Ford at the NCSU vet school says. "We get a surprising number of phone calls," he adds.

The widespread viral disease suppresses the immune system and has no vaccine or treatment. Infecting over a million American cats, the infection is reported to reach 40 percent of the pets in Boston.

Feline leukemia, however, is

not like human leukemia at all, and is only transmittable among cats, not humans or even dogs.

Ford hopes NCSU research into the disease "will lead to the discovery of methods to prevent the dreaded infection."

'Can do' attitude earns \$1.25 million

IBM and the Department of Mechanical and Aerospace Engineering have initiated a three-year cooperative project to enhance the computer aided engineering design process. IBM and software firms have provided computers and advanced software valued in excess of \$1.25 million.

Allen Eberhardt and Thomas Hodgson will direct research dealing with computer aided design, testing, manufacture and robotics.

This program "will have great impact on the university's goal to turn out highly qualified graduates who will be at the forefront of engineering design technology," Eberhardt says.

IBM project administrator Alex Keith was impressed "not only with the ability and reputation of the Department, but also by their 'can-do' attitude repeatedly demonstrated during the development of this research project."

Flath receives Fulbright

David Flath, in economics and business, has been named a Fulbright Scholar.

Flath will teach at universities in Nagoya, Japan, in 1984 and 1985. He will study Japanese in Vermont and Tokyo before beginning the Fulbright program.

Grass carp keeping Raleigh lakes trim

Grass carp are keeping Raleigh lake floors trim as NCSU biologists try to combat the hydrilla weed menace. Grass carp feast on the plant. Hydrilla clogs waterways, endangers fish and creates a threat for skiers, boaters and swimmers.

Lake Anne, Lake Wheeler and Big Lake in Umstead Park are current testing sites for biological, chemical and drainage control methods.

Weed-eating fish and herbicides will be compared to find the most cost-effective control method. David DeMont, in the zoology department, is cautious about the team's prospects. Hydrilla "has all kinds of tricks," he warns.

More aid for failing athletes— 1 in 5 in need

More intensive personal tutoring for athletes in grade trouble will be available this fall with the "Academic Advancement Program for Student Athletes" created by the Provost's office.

Associate provost Lawrence Clark created the program to help athletes "reach their academic and career goals." A pilot program last spring resulted in "marked improvement in grades," he believes.

Joe Brown from Winston-Salem State and Ann Mann from the English department will direct the new program. They will coordinate coaches, faculty advisors and teachers, and "help place the student in the appropriate classes," Brown says.

Among the 500 athletes on campus, 100 to 130 need academic help, Brown says.

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Features

Afternoon warriors hunt, seek, survive in combat game

by Jimmy Schacht
Feature Writer

Many of you probably played the game "capture the flag" when you were children. The object of the game is to infiltrate enemy territory and steal their flag and return it to your base. On June 18, I participated in a new and sophisticated version of this childhood game.

The Survival Game is a very challenging game played by two teams of 12-20 people who try to return their opponents' flag to their own base. The catch is, though, that each player has a carbon dioxide-powered pistol that fires paint pellets. The participants must avoid being directly hit by a paint pellet or they are out of the game.

The Survival Game was developed by a group of businessmen in New England who were looking for a new and challenging recreational pursuit. Since its conception, the Survival Game has spread very rapidly throughout the country and has been featured in national magazines such as *Time* and *Sports Illustrated*. The game played on the 18th was the first time the Survival Game has been played in North Carolina.

I was a little unsure what to

expect from the game, which was played on a large wooded lot near Durham County. Once I arrived at the site, though, I knew that the game would be very enjoyable. I was met at the site by Dave Smith and Ray Luce, who are dealers that rent out equipment for the game. They transported all the players into the woods where the bounded game site was located.

On this beautiful Saturday morning a group of about 20 people milled around in the clearing in the woods, mostly dressed in new-looking camouflage outfits and army fatigues. Some earnestly applied grease paint to all exposed areas. It was a somewhat chilling sight. How serious was this "game" anyway?

Dave and Ray explained the rules to everyone and then picked two teams. The players on each team were identified by wearing colored armbands, yellow and red in this case. After the rules were explained and players' questions were answered, the teams went to their respective bases and the stage was set for the game to begin.

The game had a time limit of



Staff photos by Sandi Maurer

Mock rangers in camouflage await the afternoon's action to begin, pistols ready.

one hour, which is usually the standard for all games. If no team captures the flag, which is rare, then the team with the most players remaining wins. I was a member of the yellow team and our captain was Kirk Cronland. His brother Stan was captain of the red team. They obtained their status of captain because they had played the game before and knew how to develop strategy. Dave and Ray did not play because they acted as judges during the game.

A long whistle blow signaled the start of the game. When the whistle is heard, each player puts on a pair of protective goggles, which are worn at all times. The strategy my team set up was based on defense: four players were sent forward to set up in a dry creek bed and three players, including me, were kept back to guard the flag.

The playing field was a 500 yard by 200 yard wooded expanse. The terrain was difficult, with young whiplike saplings hitting players as they ran full-tilt after each other. The stream bed in the approximate center provided a place for ambush. Lying close to the ground and motionless, camouflage-clad players disappeared. The rattling of dry leaves signaled players cautiously moving.

The woods filled with sound, then just as suddenly, silence. The only thing that stood out in the green and brown field of vision were the bright yellow or red armbands. Straining your eyes to identify the enemy, it was easy to imagine they already had you surrounded.

To put it simply, our strategy was sorry. Shortly after I had set up on a ridge in hopes of an ambush, I heard shots. It was obvious that the red team was taking the offensive. To make matters worse, I saw two players on my team leaving the game because they had been shot. About 10 minutes later, I saw an enemy player grab our flag and take off. Along with two of my teammates, Charlene Romanus and Keith Cronland, I took off after him. Now the action had really begun.

After sprinting about 100

yards, I came across Charlene, who was on one knee. She had already been shot at close range in the stomach, but I mistook her for an enemy player and fired a beautiful shot that hit her right in the wrist. Charlene let me know in no uncertain terms that I had just shot a team member who was already out of the game. Apologies delivered, I took off after the flag thief who had picked up a team member during his escape. As I neared, I saw our captain, Keith, get shot. I jumped into a creek bed to have it out with the two enemy players. After exchanging several rounds with the two, I finally decided to charge one of them. As I charged, I fired and missed and in return got shot in the arm. The pellet did not break, so seeing no paint I shot the enemy player in the back for good measure. However, being an honorable young man, I decided out of fair play to remove myself from the game.

Upon returning to the neutral area, I saw that all but one of my team members had been shot. Shortly thereafter, the whistle blew and the game was over, as the enemy had succeeded in taking our flag back to their base.

The red captain, Stan Cronland, had captured the flag. When asked what his team's strategy was, he replied, "We

kept three players at the flag and sent four players right up the middle. We tried to stay under cover, move when possible and pick off the yellow players when we had the chance."

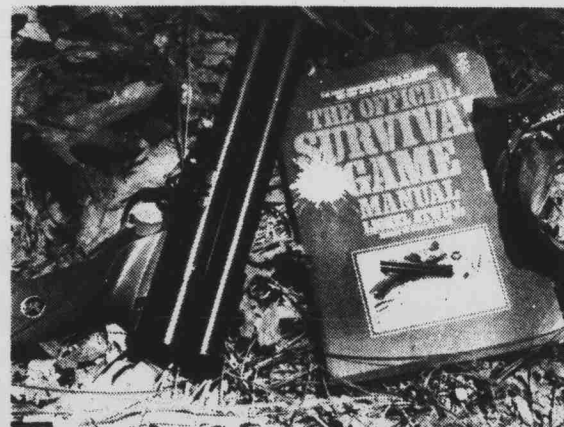
This strategy worked like a charm, because my team did not have a chance. After talking with Stan, I found Charlene, who by now had two large welts appearing on her body. When asked if the shots had hurt, Charlene replied, "No, but your shot really scared me because I wasn't expecting it." I took this opportunity to apologize once more to Charlene for my misguided shot.

Without a doubt, this game is really fun and exciting. I can see why it is becoming a national rage. I can envision such things as intramural teams playing this along with fraternity against fraternity.

If anyone is remotely interested in this game, I encourage them to give it a try. Dave Smith, the equipment dealer, told me that they hope to play regularly from now on, depending upon interest. The rental cost for all the equipment needed to play is \$20. Anyone interested in playing the Survival Game should write to North Carolina Survival Game, Box 52201, Raleigh NC 27612, or call Dave Smith at 787-4756.



Afternoon combat soldiers take a reloading break during the fray.



Discarded bandanna, pistol and copy of the rules to the Survival Game serve as token souvenirs of the hour's warfare.

East, west longevity advice

by Jonathan Halperen
Contributing Writer

Yoga, meditation, diets, vegetarianism; the literature about these subjects is plentiful. But for Sukhraj Dhillon, it was incomplete — and sometimes downright dangerous.

Dhillon, a molecular biologist at State, recently published *Health, Happiness and Longevity: Eastern and Western Approach*, currently available at area bookstores.

Combining various Eastern prescriptions with the thorough, scientific research of a learned biologist, Dhillon includes chapters on basic attitudes, nutrition, natural diets, breathing and yoga exercises.

But Dhillon is no mystic. His book contains many tables and facts about such things as nutrition and physiology, and is clearly written. It presents a holistic approach to health and to overcoming stress.

Dhillon began research for his book over 10 years ago. He felt the literature about such subjects as meditation and diets was inadequate.

"I would not see scientific explanations about these things," he says. "They said breathing exercises were good for you, but they didn't say why they were good for you."

Dhillon remembers one particular book about meditation published in the 1970s: "It was one of the best sellers, but there were no practical lessons in the

whole book."

"As far as I know, I didn't see any book which combined the two (eastern and western) approaches," Dhillon says. "To combine them together is one thing I feel is important." He decided to do the job.

Dhillon chose to write a comprehensive text because "only diet cannot do all the things; only meditation cannot do all things."

How does Dhillon view American attitudes towards health?

"I think there is a lot of awareness, at least in the younger generation," he says. "People are becoming more health-conscious. If you go to a holistic workshop, you find a lot of people there."

Dhillon sees too much emphasis on cure in our society and too little on maintenance.

"Americans don't pay attention" to preventive measures, he says. "People here don't get time for exercise, and food is plentiful. So you get overeating with lack of exercise."

He quotes statistics from his book: \$5 billion spent on 100,000 heart bypass operations alone in one year, \$1 billion spent on non-prescription drugs and \$1 billion spent on weight-reduction plans, per year.

He makes a strong case for vegetarian diets, provided that they are well-planned. The long digestive tract of a human being retains toxins in meat much longer than that of a carnivore,

he explains. In general, the human body is adapted more for a diet of plants than one of meats.

On a larger scale, he said, a 1,000-pound steer eats 5,250 pounds of grain and only yields 250 pounds of prime meat. Thus 10 acres of land can support 61 people with soybeans, 14 with wheat, or 10 with corn but only two people with the grain used to feed livestock.

"I don't think we can feed the population of the world with animal protein," he says. "We will have to feed the world with plant protein. I think that is the way of the future."

But Dhillon does not merely argue, he lists nutritious combinations of vegetables and fruits that yield complete proteins.

In fact, Dhillon is not a strict vegetarian. "I'm not strict when eating out" he says. But he tries to keep his consumption of meat low. One appendix in his book contains balanced non-vegetarian menus.

"I don't believe in being fanatical about anything," he concludes. Dhillon was born in the Indian state of Punjab. He received his education at Punjab University, VPI and Yale University. He performed post-doctoral research related to DNA while at Yale.

Dhillon joined State in 1977 and performs research on the genetic causes of aging.



French paintings exhibited

by Ronnie Karanjia
Feature Writer

An art exhibition of more than 60 paintings by over 50 Paris salon artists is scheduled to be held at the North Carolina Museum of Art from June 25 to August 21.

It has been organized by Dr. Eric Zefran, creator of European art at the High Museum, with major lenders being the Chrysler Museum in Norfolk, the John and Mabel Ringling Museum of Art in Sarasota, the Walters Art Gallery in Baltimore, and the Carcoran

Gallery of Art in Washington

Government-sponsored art exhibitions were held annually in Paris during the second half of the 19th century and paintings by over 4000 artists were reviewed by the public, the critics and several foreign art connoisseurs. Due to the competitive nature of the French art establishment and the thorough training provided by the Ecole des Beaux Arts, most of the paintings exemplified an excellence in technique and style and a reflection on some of the finest art talent that Paris has ever produced.

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A CPR Recertification Course for students, faculty and staff with a current certificate in Red Cross CPR is being offered at Clark Infirmary, July 25 and 27, 10 a.m.-1 p.m. Sign-up and pay \$3 fee at Clark Infirmary.

Learn to fly like an eagle. The NCSU Soaring Club will meet on Monday, July 11, at 8:00 pm in Truitt Auditorium, Broughton Hall. All interested students and faculty members are invited.

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North Carolina pollution — creative, profitable solutions

by Sandi Maurer
Feature Editor

Is it really true that protecting our environment means that we, as a nation, will have to sacrifice our role as a world leader in the production of goods and services? Must we shut our companies' doors in order to have clear streams and fresh air? Do we have to choose between jobs and the environment; between ecology and economy?

Some valuable research is going on at State by someone who is proving that such a dichotomy between environmental and economic goals can be overcome. And this work is not being done in a lab with a million dollar budget in the School of Engineering, but in the department of university studies by a low-key, dynamic individual, Donald Huisingh.

Don Huisingh teaches Uni 302, Contemporary Science and Human Values, Uni 303 and Humans and the Environment, an elective course in the department of university studies. Next spring he hopes to repeat a successful course, Toxic Substances and Society, because, as he quotes Richard Bach, "we teach best that which we need to learn the most."

For two years Huisingh was on leave from the University and held the position of Toxic Substances Project Leader for the Office of the Governor of N.C. The two major projects to come out of this job were the N.C. Toxic Substances Management Guide and a symposium on "Pollution Prevention Pays," sponsored by The Mary Reynolds Babcock Foundation and held in May of 1982. Both projects have very positive implications for the state of North Carolina.

The question which prompted the Pollution Prevention Pays Symposium, according to Huisingh, was "are there ways to im-

plement changes in the way we do our industrial processing of raw materials into finished products; especially to reduce the production of pollutants, and can it be done economically?"

"The answer is a resounding yes," Huisingh states. "Industry has found that this is technically possible, ecologically sound and economically advantageous."

The leading company in the pollution prevention effort is 3M corporation. 3M takes the view that pollution is an indication of waste and an opportunity for profit, not a costly threat. Over the past eight years, 3M has worked on a unique approach to environmental problems caused by hazardous waste generation.

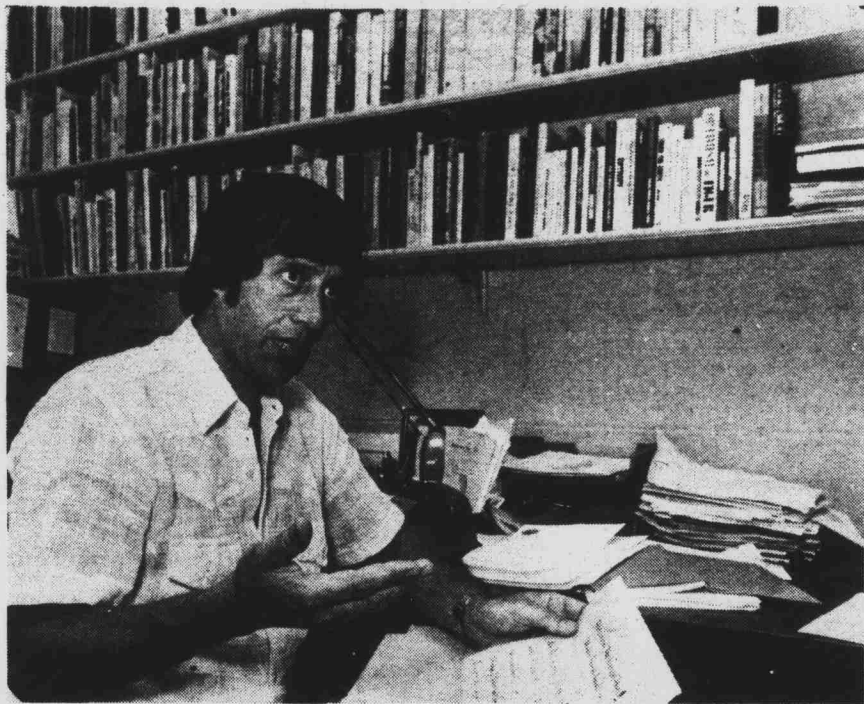
"Rather than apply end-of-pipe add-on control technology which is very expensive, resource and energy consuming, and residue generating, emphasis has been placed upon prevention of generation of pollution at the source through: product reformulation, process modification, equipment redesign, waste recycle or reuse," said Russell H. Susag, director of 3M Environmental Operations.

According to Huisingh, 3M has saved \$63 million in its U.S. plants and \$16.5 million internationally over the past six years by correctly managing its production technology to minimize waste production. "Along the way, the company is also meeting or doing better than environmental regulations require," Huisingh said.

The Pollution Prevention Pays outlook, according to Huisingh, represents "ecology and economy in harmony with each other."

"Sometimes we have been too short-sighted in our viewing of them as competitive," he adds.

A slim blue volume, *Making Pollution Prevention Pay, Ecology with Economy as Policy*, edited by Don Huisingh



Staff photo by Greg Hatern

Don Huisingh applies creative techniques to cope with North Carolina pollution problems.

and Vicki Bailey and published by Pergamon Press, contains the proceedings of the symposium and numerous accounts of corporations which have saved money, spared our environment the load of tons of pollutants and met environmental regulations successfully.

"The Pollution Prevention Pays effort is being designed to be an integral component of the State plan for toxic substances and waste management," Huisingh states in the book. Specifically, he hopes to set up a Pollution Prevention Center in North Carolina, which would be the first in the nation, sometime in the near future.

The N.C. Toxic Substances Management Guide is a comprehensive description of 51 substances used in industry which are known to be hazardous but are generally poorly known by those outside the chemical industry. The list is soon to be published by the N.C. Department of Human Resources and distributed to industries, regulatory agencies, waste handlers and researchers. The information described in detail for each substance in-

cludes CAS number, health effects, environmental significance, first aid information, procedures for spills and leaks, a chemical profile and industrial data.

Huisingh stressed the importance of a comprehensive chemical substances list for North Carolina, which is the 11th largest generator of hazardous waste in the United States with 120 million gallons per year to deal with. N.C. is also the 4th largest generator of low-level radioactive waste in the nation.

Huisingh said he hopes the Toxic Substances Management Guide will serve two purposes: "One, to make people more effective in their response to emergencies and two, to reduce the incidence of accidents through knowledge."

Huisingh said he hopes to teach a course on human creativity in the near future. He also said he hopes to promote the "utilization of simulation and games as learning vehicles. You can take almost any type of process and use it for a learning process," he emphasizes.

About his role in teaching,

Huisingh states, "I have been for years excited about helping people. If we look at things more holistically with a systems point of view we see more clearly not only the logical part of ourselves but the creative."

It was Albert Einstein who said that creativity is more important than knowledge, he reminds, while reflecting on the learning process.

"In elementary grades and later high school and most of college stuff you get good grades for responding specific answers, but when one gets out into the real world where there is no textbook, that is where, if you had been exercising that creative intuitive side, some of those ideas you need would come to you."

Speaking of the toxic substances issue, Huisingh adds, "If we don't have creativity in our problem solving areas we are really going to be in a bind."

"I love to be in situations where no one has been before, or where a lot of people have been but can't figure out," he said. "Many people feel uneasy getting into a situation in which there are no paths. This is the kind of thing we need to help people understand as normative."

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Williams chokes in *The Survivors*



As two victims of unemployment, Walter Matthau and Robin Williams have their share of predicaments in *The Survivors*, a comedy of modern day life.

by **Ronnie Karanjia**
Entertainment Writer

"When the goin' gets tough, the tough get goin'," announces a publicity poster for this movie. Quite true. After seeing this boring and absurd movie, you would prefer to leave the theater early.

A Rastar-William Sackheim production, *The Survivors* strives vainly to take a look at recessions and its victims in society. The three main protagonists in the story meet in a rather bizarre setting.

The world, in the grip of recession, is coming undone like a cheap suit (sic, terrible script). Donald Quinelle (Robin Williams), a New York sales executive, is sacked by his boss' trained parrot, has a gun shoved at him by an old lady acquaintance and finally goes over the bend when he is treated rudely at the unemployment benefits office. At a nearby restaurant, he bumps into Sonny Paluso (Walter Matthau), a gas station proprietor who has just seen his

establishment go up in flames thanks to a carelessly thrown cigarette butt. An out-of-work masked hit-man for 'the Mob' (even that's not recession-proof), Jack Locke (Jerry Reed), shoots at Donald while failing in an attempt at robbery and has his identity blown by Sonny.

While Jack easily gets the pacific and cagey Sonny Paluso to cooperate in keeping his identity silent, getting the frenetic Donald to do likewise is impossible. Meanwhile, Donald has joined a 'survivalist' group which believes that only the fittest will live when a decadent society goes down the drain. Training with lethal weaponry on practice targets, they are led by a money-hungry 'prophet', Wes Huntley (James Wainright).

Threatened by Jack, Sonny arrives with his daughter Candice (Kristen Vigard) to persuade Donald to accede to Jack's orders for silence. But Donald has alternate plans. Showing Jack the gauntlet by brushing him off rudely, he invites him instead to the group's headquarters, hoping that 'rubbing-

off Jack would be his final 'qualifying' exam.

Taking potshots at each other, the three main characters find themselves surrounded by a trigger-happy demented group of 'survivalists'. Will they survive this ordeal? By the time you have viewed the film thus far, you couldn't care less.

Director Michael Ritchie, who has directed films such as *The Candidate*, *The Bad News Bears*, *Semi-tough* and *Smile*, seems to be in a hurry to get this movie over with. The script by screenwriter Michael Leeson, who has written scripts for the television series "Taxi", seems to be intended for a television audience with not much of a story and a sporadic burst of jokes from time to time.

Cameraman Billy Williams, one of Britain's most distinguished cameramen who won an Academy Award recently for his work in *Gandhi*, excels in capturing the scenic beauty of the twilight and the snow-capped hillocks of New York. The music by Paul Chihara is not very striking, but Randy

Newman's rendition of the popular folk song "Every Man a King" with lyrics by Gov. Huey P. Long is good.

The new 'Odd Couple' doesn't really work out because the energetic and bizarre Robin Williams simply does not fit Jack Lemmon's place. Grossly overweight, he puffs, pants, wheezes, grunts and overacts to the point of looking absurd. A comedown from his roles in *Popeye* and *The World According to Garp* and his highly acclaimed television series "Mork & Mindy", he fails at the type of slap-stick comedy that Richard Pryor carries out so well.

Walter Matthau (Matuschansky, actually; it's a good

tongue twister) is a veteran of the grounded and subtle form of comedy. He fares quite well in his characterization of a responsible father, a protective friend and a hapless victim entrapped in society's red tape.

Country super-star Jerry Reed, who wrote the Elvis Presley song "Guitar Man" and who has acted in several films the most prominent being the

Smokey and the Bandit series, looks as if he has just stepped out of Coppola's *The Godfather*. Thoroughly lost by a script that simply forgets his presence, he tries hard to act sinister and comic simultaneously, ending with disastrous results.

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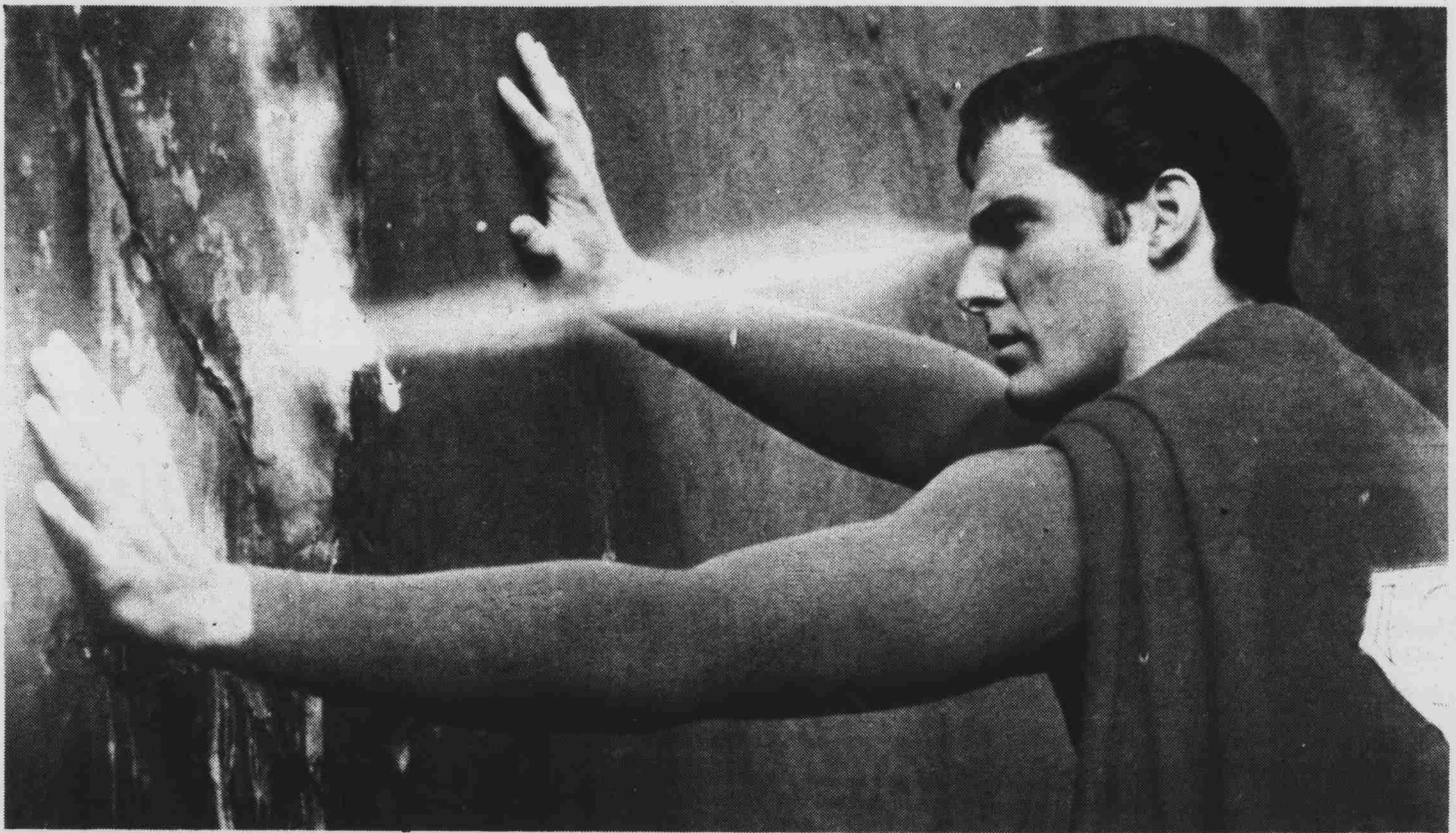
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Entertainment

Pryor's comedy high point of *Superman III*



Superman (Christopher Reeves) uses his heat vision to burn through a piece of metal in his third and final film of the Superman series.

by Barbara Scherzer
Entertainment Writer

Richard Pryor's performance in *Superman III* is criminal. Due to his deft comedic touch as a villain, Pryor steals this sequel away from its star, Christopher Reeve.

Superman III places too much emphasis on comedy. This is a bad joke to pull on the moviegoer. To enjoy the *Superman* series fully, one has to suspend disbelief. If a film is outrageous, it is difficult to believe in the comic book character's existence.

In the beginning of the

feature, the jokes are delivered almost as quickly as Superman can fly. However, this tends to destroy the credibility of the character.

The story opens as an unemployed dishwasher, Gus Gorman (Pryor) becomes a computer programmer and finds that he has a real aptitude for pushing the right buttons. He embezzles \$85,000 from his employer which attracts the attention of his boss, Ross Webster (Robert Vaughn).

Ross' ambition is simple. He wants to control the world, but he begins on a small scale by controlling the weather in the

South American country of Columbia.

Through Gorman's greed and Ross' compulsion for power they construct a computer which has a built-in survival mechanism. Superman now has a rival which is as powerful as he is.

The screenplay can hardly be called powerful. Mario Puzo who co-wrote the first two *Superman* screenplays is missing from this sequel. His dramatic flair gave the series its tension and excitement. David and Leslie Newman who also worked on this trio of movies were left to their own devices, and it is obvious that they

weren't up to the task.

Also missing from this feature is Margot Kidder as Lois Lane. Kidder's screen time is limited to a brief cameo appearance. Annette O'Toole as Lana Lang is too cloying and has none of Kidder's strength.

Reeve's acting is never quite up to the level he delivered in *Superman II*. Maybe he missed Kidder also.

The special effects are far from super. There are less of them than in the preceding films, and they aren't at all innovative. The fight sequence that takes place in the automobile graveyard is disap-

pointing compared to the battle waged on the streets of Metropolis in *Superman II*.

This feature deviates from the mood set by the previous *Superman* movies.

The writing, special effects and acting are all mediocre. With the exception of Pryor, *Superman III* never soars.

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THE FLEMING CENTER

Twilight Zone captures Serling's magic

by Ronnie Karanjia
Entertainment Writer

You're traveling through another dimension: a dimension not only of sight and sound but of mind. A journey into a wondrous land whose boundaries are that of imagination — Next stop, the Twilight Zone!

Rod Serling (1924-1975)

Presented in a four-segmented omnibus style, *Twilight Zone — The Movie* recollects the horror and fear suggested by Rod Serling's popular television series that ended in 1964, against a backdrop of science fiction and fantasy.

None of these segments are given any titles in the feature, but the 'breaks' in the story are easily perceptible owing to the different themes and styles of direction.

It is one of the latest in a long line of TV-inspired movie projects starting with *Dragnet* (1954), *Marty* (1955), *A Catered Affair* (1956), *Our Miss Brooks* (1956), *Requiem for a Heavyweight* (1962) (A Rod Serling TV play again), *What do you say to a Naked Lady?* (1962), the *Star Trek* series (1979, 1982), *The Muppets* series (1979, 1981), *The Nude Bomb* (1980) and ending with *The Gong Show Movie* (1980).

This feature still continues to receive a lot of unwanted publicity over the deaths of actor Vic Morrow & two Vietnamese children in a helicopter accident. The chopper sequence has been intentionally removed from the movie release.

The prologue, directed by John Landis, begins the movie quite well. Driving down a deserted highway at dusk, Dan



John Lithgow stars as an airline passenger terrified by a ghastly apparition that threatens the aircraft and safety of everyone on board in *Twilight Zone — The Movie*.

Aykroyd and Albert Brooks exchange pleasantries, listen to some music, play a 'guess-the-tune' game and finally discuss their favorite *Twilight Zone* TV episodes before Aykroyd frightens the life out of Brooks by showing him something 'really scary'. A wonderfully comic

start to the film vignettes (each of TV episode duration) to follow. Introductions by veteran Burgess Meredith are made between the episodes, but the clear resonant voice of Rod Serling is deeply missed.

Producer-director John Landis, who has directed features

such as *National Lampoon's Animal House* and lately *Trading Places*, presents a fable of a bigoted and racist American businessman Bill (Vic Morrow) who vehemently curses Jews, blacks and Orientals while drinking at a bar. His attitude is this way because he was passed over for a promotion in favor of a Jew. Upon exiting the bar, he finds himself being chased by the Gestapo in Paris, is almost lynched by violent Ku Klux Klan figures, threatened by both U.S. and VietCong forces in Vietnam and is finally sent as a suspected Jew to a concentration camp. Playing havoc with H. G. Wells' *Time Machine*, Landis, who also wrote the original script, the only one not derived from an original TV episode, strives to convey a realization of the bitter consequences of racial injustice but his purpose merely plays upon an all-American's (Vic Morrow's) conscience and sense of guilt, certainly not worth the three deaths.

Sweet sentimentalism abounds in the beautiful fairytale segment directed by Stephen Spielberg, who also co-produced this film, which vividly paints magical pictures of youth and old age. Spielberg's first directorial assignment was the Rod Serling pilot episode *Night Gallery*, starring the late Joan Crawford. He has come a long way since.

The story, based on George Clayton Johnson's episode *Kick the Can* (1962) with screenplay assisted by Richard Matheson, who continues by writing three screenplays in this movie, is about an elderly Mr. Bloom (Scatman Crothers) who visits homes for the aged and exhorts its residents to 'think young'. Providing them with renewed youth by a child's game of 'kick-the-can', he makes the aged realize that they are only as old as they think and that it's the mind that controls the age of the body.

Probably the second best episode in this series, this vignette is strongly reminiscent of his other heart string tugger *E.T.* Jerry Goldsmith (no, not John Williams again), who has composed the music for the entire feature — he did the same for seven episodes of the original TV series, is exceptionally brilliant with his melodious symphony in this episode.

Based on Jerome Bixby's story *It's a Good Life* with screenplay by Richard Matheson, the third segment directed by Joe Dante, who has several horror films such as *The Howling* to his credit, is a spooky black comedy — horror film. Helen Foley (Kathleen Quinlan), a school teacher, comes across a boy, Anthony (Jeremy Licht), who uses his monstrous powers to chain his entire family in his cartoon-land world and make them grovel at his feet. Annoyed at not being able to wish for love, he punishes his family in bizarre ways.

Just for the record, two of the

roles in the original TV series, the one of Walter Paisley and the other of Anthony, the boy now plays another bit role, are reprised. This episode is filled with a startling sequence of special effects, with some classic cartoon characters on the TV screen coming to life, both implicitly and explicitly. The house is straight out of an Edgar Allan Poe gothic horror and serves as an expressionistic vehicle for the spectacular effects on screen. But the story, the characters, the direction and the editing all do not live up to expectations, making the overall effect fairly mediocre.

The best is saved for the finale: based on Richard Matheson's screenplay of his own story, *Nightmare at 20,000 Feet*, George Miller (known for directing *Mad Max* and the *Road Warrior*) relates a story of an air-sick passenger Valentine (John Lithgow), who sees a mysterious apparition of a man-size gremlin ripping up the motors on a plane's wing while a storm rages outside.

Playing upon one's inherent phobia for flying, Miller uses psychedelic lights and strong sound effects that are characteristic of his movies. The fear and paranoia of knowing (and only alone) that the monster outside is going to kill all of them is portrayed quite expressively on Lithgow's nervously tragic face. The comparison between the frenetic, half-crazed Valentine and a calm and sedate child (a fellow passenger) provide a cross-current of caustic humour as a relief to Lithgow's terror. Everything else besides John Lithgow delights in his role, far and away the best in this film. It is easily the best episode pictured.

One small question, Mr. Miller. How do you expect people to believe that a Boeing 707 (flying long-distance??) could have an interior of a wide-bodied aircraft?

The movie ends with Dan Aykroyd driving away a strait-jacketed Lithgow and asking, "Wanna see something really scary?" Sequels, Mr. Spielberg? Considering that this film is hardly likely to match your box-office hits of the past, I don't think so. "The Twilight Zone" saga ends here.

The final tally for the episodes: George Miller's and Steven Spielberg's are very good and good, respectively, Joe Dante's is mediocre and John Landis, please stick to comedies. Even though the film is a bit patchy, it does entertain. No barf bags necessary but the late-night show is recommended. Overall, a mixed bag of treats. Anyone for potluck?

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Red Limit explains cosmology, space

by **Ronnie Karanjia**
Entertainment Writer

What makes up our Universe? When did it originate? What will be its fate? The red limit, quasars, cepheids, supernovae, black holes, the Big Bang theory. Sounds familiar? This is non-fiction science — not *Star Wars*.

Cosmology is the science concerned with questioning the basic nature of the physical universe as a whole. It encompasses elements of astronomy, physics, mathematics and philosophy. Its theories are usually created by scientists who work in one or more of these fields of study.

The Red Limit — The Search for the Edge of the Universe, written by journalist Timothy Ferris (nominated for the American Book Award for his

“Looking far out into space is analogous to looking far back in time to an era when the stars started shining; thus, the sky actually is an image of the past.”

book *Galaxies*) and published by the Quill Publishing Co., is an informative book that introduces the science of cosmology to the lay reader.

A well-researched work including a large number of photographs and felicitous quotations from philosophers and scientists, the book traces the evolution of modern cosmology from its roots in the

18th century to its current position of scientific inquiry amidst uncertainties.

The book begins by examining the various theories that supported or weakened the concept of expansion of the universe, recently proved by radio-astronomy. Painting word pictures of astronomers and physicists, it outlines the use of refracting telescopes, spectroscopes and photometers to discover new stars and entire galaxies.

An amusing incident of the Harvard College Observatory hiring women as ‘computers’ to identify variable stars is also described.

The book traces the origins of cosmology from Ernst Mach to non-Euclidean mathematicians and Albert Einstein’s stubborn refusal to link his theory of relativity to the concept of an expanding universe by introducing a ridiculous *cosmological constant*, probably one of the worst blunders of his career.

Abbe George Lemaitre’s violent genesis cosmological theory

that the expansion of the universe began when the entire universe was concentrated to high density, called the Big Bang Theory by Robert Gamow, Ralph Alpher and John Bethe, is supported in the ensuing chapters.

Space is modelled on four dimensions with space and time being associated to solve H.W.M. Olber’s paradox of the sky being dark at night. Looking far out into space is analogous to looking far back into time to an era when the stars started shining; thus the sky actually is an image of the past.

The creation of the universe, as explained by scientific theories and a descriptive history of radio astronomy and its use by Robert Penzias, Robert Wilson, and Robert Dicke in 1965 to prove the Big Bang Theory is explained. Simultaneously, the inconsistencies and growing skepticism involved with the Steady State Theory proposed by Drs. Gold, Bondi and Hoyle, considering a universe infinite in both time and space, are pointed out.

Finally, the concept of the Red Limit is explained. It indicates the cutoff point approaching the *edge of the universe*, the point where the red shifts in the light of quasars illustrate that they recede at more than 90 percent the speed of light.

Beyond this limit lies nothing but awesome black holes. Modern cosmologists such as Allan Sandage, Maarten Schmidt

and Halton Arp give their views on the bounds of this *open universe*.

It acknowledges the incompleteness of science in dealing with the question regarding the future fate of this universe — The Heisenberg Uncertainty Principle. Emphasis has been placed on examining the logic in the methods of scientific inquiry rather than blaming the gaps in the entire picture.

The Red Limit, with an introduction by professor Carl Sagan of *Cosmos* fame, is an unbiased book filled with amusing historical vignettes and vivid caricatures of the scientists involved in the theory of cosmology. It borrows heavily on quotes that emphasize the strong personalities and controversial details of our leading cosmologists.

Emphasizing perhaps mistakenly more on astronomy rather than on metaphysics, this book rightly does not try to shy away from the inability of modern science to explain the mysteries of this world in which we live.

Filled with metaphors and several analogies — for example, quantum theory compared to a bank teller paying only a finite number of pennies — that transform complex theories into simple statements, it conveys the basic subject matter outlined by cosmological theories. However, it often fails to be realistically simple by quoting directly from the works of modern cosmologists, giving it a textbookish appearance.

Classic rock returns

by **Kim Townsend**
Entertainment Writer

The need to categorize a band’s style to convey to listeners what they may expect can be frustrating to reviewer and musician alike. It is especially difficult now as bands merge, blend, adapt and individualize songs from a multitude of sounds and eras.

The Edge is composed primarily of seniors from State with aspirations ranging from product design to chemical engineering. They collaborated in October of ‘82 and since have performed at small clubs and private parties in the area.

The Edge plays mainly old time rock’n’roll classics including hits from The Who, The Stones, Neil Young, The Beatles and Elvis Presley. Although events dictate a brief summer break, The Edge has every intention of returning next fall with a collection of new original songs.

Despite its current lack of original tunes, the group performs its selected classics very well. The band possesses strong vocals and musical talent to allow one to relive past performances of the groups it represents.

It is puzzling in these days of supposedly new sounds and musical innovations to hear men in their early 20s revert back to songs popular largely while they were young teenagers.

Jeff Olson, pianist, organist and percussionist, confirms that indeed these were the sounds he listened to years ago. “Personally I just don’t like what’s being produced these days,” he said. When asked if he felt it was time for a new sound revolution he replied, “Definitely yes, and perhaps initial rumblings can be heard through groups such as U-2.”

On bass, sax and flute is Bo Harden. Also not impressed with the current collection of Top 40, Harden additionally ad-

mits, “These were songs with which we were all familiar and liked. We wanted to get together, work up a good show and start playing. Now that we’re accustomed to one another and have the bugs worked out we can really get going.”

Leader Darrell Merino on rhythm and bass guitars also laments the current lack of originality currently in music. “Commercialism seems to have a stronghold,” he says, “with the exception of Thomas Dolby who is a musical wizard with his knowledge of the state of the art in instrument technology, all others currently appear to be jumping on the bandwagon. Initially Men at Work exuded innovation but now they too appear to be succumbing to commercial pressure.”

“We chose our name jokingly while standing on the top of a cliff,” Merino continues, “It just kind of stuck. Actually when considering the name now perhaps it is very relevant. We feel like we are on the edge. Waiting, watching, listening and hopefully creating that sound that will push us in a definite new direction.”

While Kingsley Brock, lead guitarist, carries several songs with his strong, clear vocals, drummer J. Harris consistently provides a strong, even beat for support.

Behind the scenes there is Chris McCormick who coordinates and actually built the lighting system. Sound engineer Betsy Brock with assistant Cindy Clayton monitors and blends the group’s sounds.

With practice and stage exposure, The Edge could emerge as an exciting new group. Currently, it provides an evening of good listening and quite a few fun dance songs such as Elvis Presley’s *Jail House Rock* and Joe Jackson’s *I’m the Man*. Keep your eyes open for the band next fall as it launches into a possible new beginning.

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Layton finds home in Manteo

Choreographer's success continues in *Lost Colony*

by Barbara Scherzer
Entertainment Writer

Competition is anathema for choreographer Joe Layton. As director of the outdoor drama *The Lost Colony*, Layton is in a competitive field. He has spent his whole life competing and trying to get a job from someone else. Yet, he loathes competition with a passion.

Layton wishes they wouldn't give away awards for the "best" in any category. He feels that everybody who is working and earning a living successfully at what they do, has won.

"I don't watch football, baseball or tennis at the end of the season," he said. "I don't watch anything where anybody is going to be the best because who knows if he's constipated that day and that's why he lost."

"I hate competition. I never go to awards. I've never picked up one award in my life."

Layton was born in Brooklyn, N.Y. and entered the entertainment field at the age of 16. He was one of the dancers in the play *Oklahoma*.

The next step in his career was the play *Wonderful Town* in which he was dance captain. There he was responsible for all the other dancers in the show and experienced authority for the first time.

After his two-year stint in the army, Layton choreographed professional dancers at a Catskill Mountain resort in New York. Through his work, Layton made many professional contacts which helped his career to leap forward.

The jobs followed quickly in succession. He choreographed both Broadway shows *The Sound of Music* and *The Princess and The Pea*. Unemployment became a memory.

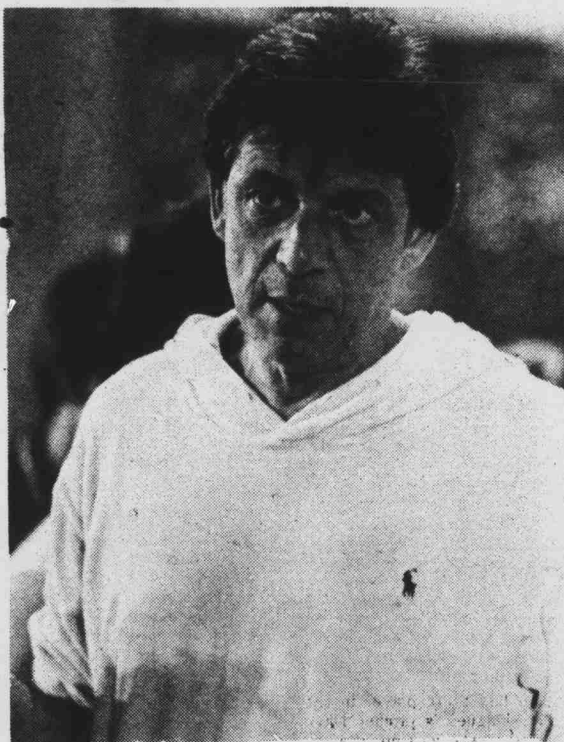
"Before I knew it, I didn't have to worry about what I did for a living," he said with a smile. "I was lucky. I was in the right place at the right time, and I was ready."

"In those days, I said 'yes' to everything. If you wanted me to direct traffic I would have done that too. My career was 2-3 years old and I was saying 'yes' to everything."

Recent accomplishments of this Tony and Emmy award-winning director include two movie credits. He directed *Richard Pryor Live On The Sunset Strip* and was responsible for the imaginative dance sequence in the film *Annie*. Layton is currently at work directing Lauren Bacall in the play *Women of The Year* which will soon begin its national tour.

However, Hollywood and Broadway are only two of the locales which comprise Layton's world. The third is Manteo, N.C. Here he directs the symphonic drama, *The Lost Colony*. This is a special year for Layton. It is his 20th season with the production.

The Lost Colony depicts the story of the first English colony established in America. The play opened in 1937 and is writ-



Jay Layton gives his opinions on the set of the 1981 production *Annie*.

ten by native Paul Green. It is notable as the first American outdoor drama. Layton was brought on the scene in 1964 to help revitalize the dramatic impact of the tale.

The initial reviews were good, and Layton was given \$25,000 over a five-year span so that everything in the theater could be refurbished. At the end of each summer season, he was asked if he would return again for the following year. At the close of his five years, he said,

"don't ask me again, I'm never leaving."

He has kept his word. Layton is currently a proud resident of Manteo where he owns a 100-year-old house that he has refinished and decorated himself. When not working, Layton frequently returns to Manteo for rejuvenation because Manteo is home. Sometimes his visit lasts only a day, but that is sufficient to give him the strength to carry on his work.

Manteo is important to him. "Here I'm the person I've grown up to be," he said in his still Brooklyn accent. "I can breathe here. I'm the first Layton of the family. This place (92 acres) can't be sold."

In addition to *The Lost Colony*, another local project important to Layton is the establishment of a professional performing arts center in Manteo. This center would hold a 600-seat auditorium, staff offices and rehearsal halls. It would be the home base for professional touring companies of dancers. Classes in dance and acting could also be taught. This project requires \$3.5 million before it can become a reality,

but Layton is optimistic that it will be built.

Layton is also high on life. His only fear is that there is not enough time to do everything. He really doesn't like the idea of less time. He is 52 years old and appears as youthful as any man of 40.

For the future, Layton will always be involved in something creative. He prefers being his own boss. "After all, it is hard to be an Indian after being a chief," he concluded.

The *Lost Colony* runs June 10-August 27th in Manteo, N.C. for ticket information call 473-3414 or write Box 40 Manteo, N.C.

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This evening at 10 p.m. Tyler will track through Rock 88's Classic Album Feature - Neil Young's *American Stars And Bars*. Tiffany starts the week with *Album Previews* at 8 p.m.: she'll play the best of what's hot from this week's new releases. They will be taking requests from 8:30-9 p.m. and he will play them from 10-11 p.m. on *Monday Night Request Rock*.

Steve Chase will be in Tuesday night for Rock 88's weekly feature artist at 10 p.m. - Ted Nugent. Tyler returns Wednesday night for the *Classic Album Feature*, he will track through Bruce Springsteen's *Darkness on the edge of town* at 10 p.m.

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Meadows, Canady heat up after slow starts in minors

by Bruce Winkworth
Sports Editor

After slow starts, several former State baseball players are filling important roles on their respective minor league baseball teams. In particular, Louie Meadows of the Daytona Beach Astros in the Florida State League and Jim Rivera of the Anderson Braves in the South Atlantic League have come on strong in recent weeks.

Meadows began the season in a slump that saw his batting average hover around .210 for the first month of the campaign, but soon he began to hit, run and play the outfield in a manner that was instrumental in the Astros winning their division's first-half pennant.

"Louie was really a big part of us winning the first half," said Daytona Beach general manager Don Miers. "In particular, he has been exceptional on the base paths. He's tied for the league lead in triples with 11, and his base stealing has improved after some early problems."

As of June 26, Meadows was batting .280 with four home runs, 31 RBIs and 17 stolen bases, while hitting in the fifth and sixth spots in the Astros lineup.

Rivera began the season at Anderson as the club's middle-relief man, but an excellent month of June helped earn Rivera more and more outings in late relief for the Braves. Going into June, Rivera's ERA was over 4.00, but when the first-half season ended on June 22, it was down to 2.98 and was complemented by six saves.

Chuckie Canady left State two seasons ago and has moved up the ladder in the Texas Rangers organization to the AA Tulsa Drillers of the Texas League. Up-to-date statistics were not available on Canady at press time because the team was on a long road trip, but according to the team's secretary, Canady is on a surge that has seen his batting average rise from the low .220s to around .290.

"I won't have updated stats until the club gets home, but I would say that Chuckie has been as hot as any hitter on our club," team secretary Billie Powell said. "He's been batting third and playing left field, and it's a conservative guess that he's hitting at about .290 now."

Canady was hitting .278 with eight home runs, 36 RBIs and 17 stolen bases when the club took to the road June 17. Reports indicated that Canady was continuing his hot pace while the team was on the road.

Perhaps the biggest surprise among all the Wolfpack alumni in the minors has been the quick start of Chris Baird with the Pulaski Braves of the rookie Appalachian League. As with Canady, complete stats were not available on Baird, who was the 24th-round draft choice of the Atlanta Braves in last month's amateur draft.

According to Baird's manager, Buddy Bailey, the Cary native has been doing the

job for the Braves both at the plate and in the field.

"We've only played eight games, but Chris has been our most productive all-around player," Bailey said of the left-handed hitting Baird. "He's hit three homers, and all three were big ones for us, too. He also hit two of them against left-handers, which was encouraging news, and he's also thrown out three runners at the plate from right field, so he's doing a good all-around job for us."

Baird also displayed some early resiliency at Pulaski by bouncing back from a beating at the hands of Jeff Gilbert, the former Clemson ace now with the Paintsville Brewers.

Baird and Gilbert were among the principals in a brawl between the Tigers and Wolfpack this past spring, and Bailey said he didn't know about that incident until the day after Baird was beamed and had to sit out a game because of some lingering dizziness.

"The important thing was that Chris was okay and came back after the day off and played well right away," Bailey said. "I don't know if Gilbert was throwing at him intentionally or not, and I'm going to give him the benefit of the doubt on that, at least for now. I don't want to start a lot of talk about that kind of stuff."

Also on the Paintsville roster is Dan Plesac, Milwaukee's first-round draft choice in last month's draft. Paintsville has been on the road since the Appalachian League season started, so stats on Plesac also were not available at press time. He did start one game

against Pulaski, going into the sixth inning before being lifted for a reliever.

"We kept getting runners on against him," Bailey said, "but he kept working out of jams. We got two runs in the first inning, and that was it. We had just come off a road trip that morning, so we could have been tired."

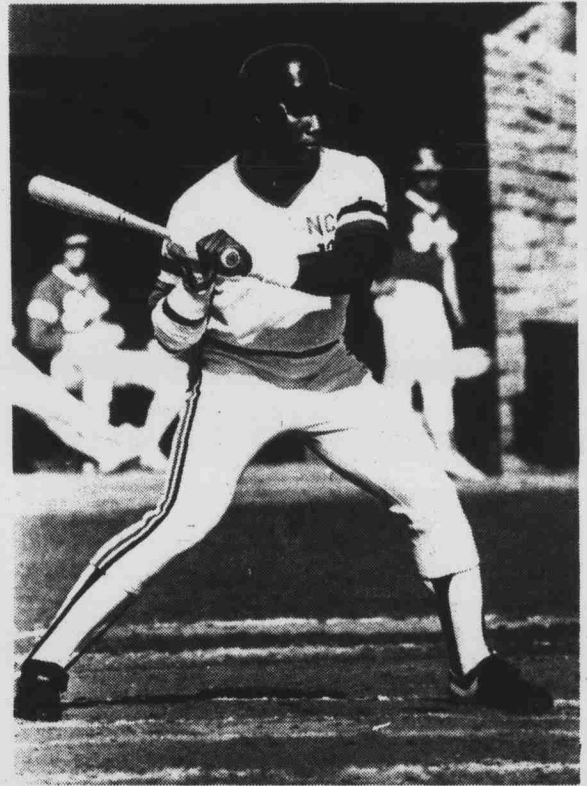
Bailey didn't remember the exact numbers on the game, but he said that Plesac both walked and struck out around eight batters in five-and-two-thirds innings of work.

One unhappy story for a former State player belongs to Joe Plesac, Dan's brother, who has been struggling with the Reno Padres of the California League. Through June 26, Joe had walked 33 and struck out 15 in only 24 innings of work. He had won two games against four losses and sported a disappointing 14.33 ERA.

"I really don't think there is anything wrong with Joe physically," said Harry Platt, the Reno general manager. "I think he got off to a rough start, and it's kind of snow-balled on him. He's had a couple of good outings, but he hasn't put together any kind of consistency."

One last State player in the minor leagues is pitcher Dave Peterson, who was not drafted but one day approached Winston-Salem manager Bill Slack about a tryout. Slack let Peterson work out with the team, liked what he saw and signed him to a contract.

Peterson has pitched sporadically in the Carolina League and has had control pro-




Technician file photo


Former State outfielder Chuckie Canady is a hot hitter for the Tulsa Drillers of the class AA Texas League. Canady played at State from 1979-81 and is the all-time career home run leader for the Wolfpack. Tulsa is a farm club of the Texas Rangers.

blems. Through June 28 he had pitched in 15 games, all in relief, and had allowed 13 hits, 11 walks and 15 strikeouts in

seventeen-and-two-thirds innings. His ERA was 8.15, and he had lost his only two decisions.

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Jones recalls giving arch-rival secret to success

—Tom DeSchriver—

Status Quo

—Assistant sports editor—

Four fast individuals always aren't enough in the 440-yard relay; it also takes technique to run a great time. In 1987, the University of Southern California had a group of sprinters, led by a not-too-shabby footballer named O.J. Simpson, that when sprinting individually left opponents seeing cinders but when put together couldn't beat cross-town rival UCLA. And a loss to UCLA in anything, even an ugly contest, was considered a disaster at USC.

One member of the UCLA foursome was State track coach Tom Jones, who was a national class 200-meter runner when he wasn't carrying the baton.

The first two times the Bruins and Trojans met that spring, UCLA broke the tape first with the second meeting resulting in a collegiate record of 39.6, hand-timed.

With the record in Westwood, the Los Angeles press club asked UCLA track coach Jim Bush if one of his athletes would speak at the press club's weekly luncheon. Bush tabbed Jones to speak to the press.

According to Jones, everything was going smoothly when a member of press asked him how UCLA could beat USC when they had those fast guys. "It's simple," Jones said. "They use a right-to-right handoff which is an open handoff, the type of handoff used in the mile-relay. We use a right-to-left handoff which is a blind handoff and much quicker."

Well, as much as the Bruins will tell you that the Trojans can't read, they learned the English language very quickly, because the next week, using their new handoffs, the Trojans blew the Bruins off the track with a collegiate record 39.0. Later that year, the Trojans ran 38.6 which still stands as the fastest hand-timed 440-yard relay run by a collegiate foursome.

"Needless to say, coach Bush wasn't too happy with me," Jones said recently, chuckling as he thought back on the incident. "He just said, 'Tom, you gotta watch what you say.'"

Jones must not be giving any secrets away these days. His 400-meter relay team defended its Penn Relays title this year and placed fifth in the NCAA meet.

Wolfpack Women's basketball coach Kay Yow may have had one of her best recruiting years since she's been at State. Yow landed five players, one for each position. Headlining the recruits are three North Carolina products, all of whom were first team all-state picks.

Angela Daye of Conway leads the Tar Heel state signees.

Daye was a second team *Parade Magazine* High School all-America pick, as she averaged 22 points and 14 rebounds a game at Northampton High School. At 6-1, Daye is expected to play all three frontcourt positions (big forward, small forward and center).

The second North Carolina product is Kim Taylor from Rocky Mount. The 6-2 center averaged 32.0 points, 15 rebounds and four blocked shots a game. She was named North Carolina High School Girl's Player-of-the-Year by the *Greensboro Daily News*.

Annemarie Treadway of Greensboro was the third in-state product inked by Yow. The 5-7 guard averaged 21.3 points, 11.7 rebounds and 3.3 assists as she made all-state for the second consecutive year. Treadway will probably see action at both guard spots during her days at State.

Daye, Taylor and Treadway were also *USA Today* all-America selections.

Yow also signed two players from Chesapeake, Va. She added 6-3 Trena Trice to the frontcourt, while high school teammate Carla Hillman, 5-6, will help fill the shoes of the departed Angie Armstrong.

Trice averaged 24.8 points, 13.2 rebounds and 3.8 blocked shots at Deep Creek High School where she was named all-Tidewater Player-of-the-Year in addition to being named Player-of-the-Year by the Norfolk Sports Club.

Hillman averaged 14.8 points, 4.1 rebounds and 4.0 assists in earning second team all-Tidewater honors. She also was the Tidewater Player-of-the-Year in volleyball.

1983 marks the first year that Georgia Tech is eligible for the Atlantic Coast Conference football crown. The Yellow Jackets may consider their ACC schedule a breather after looking at their opponents outside the conference.

Bill Curry's team opens its season by traveling to Birmingham, Ala., to face Alabama. The following week, Furman — no pushover — travels to Atlanta, and then the fun really begins for Tech. In the next five weeks the Yellow Jackets play at Clemson, State and Tennessee, and home against North Carolina and Auburn.

It's supposed to be nice to come home, but I don't think anyone would blame Curry if he stayed away from Atlanta when the Heels and War Eagles come to town. Both have the talent to be No. 1 this year. And if Curry is looking forward to the end of the season, forget it. Georgia winds up the Yellow Jackets

schedule with their annual Game-for-Georgia.

Wolf Words Former State tennis star Andy Andrews made it to the second round of Wimbledon before being ousted by 16th-seeded Tim Mayotte,

6-1, 6-2, 6-2. Andrews victory in the first round over Sweden's Anders Jarryd enabled him to go one round further than former State all-America John Sadri. Sadri was eliminated in the first round by Drew Gitlin 7-5, 6-7, 6-1, 7-5... State

freshman Lynn Strauss' time of 4:17.7 for 1,500 meters at the Cavalier Invitational this year ranked the State College, Pa., native as the fourth-fastest American junior (19 years or younger). Kim Gallagher set the mark last year.

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Martin still on hot seat despite recent win streak, TV brawl worth seeing, but crews fail to film it

Sports, As I See It

BRUCE WINKWORTH



Sports Editor

One of the biggest problems with writing for a paper with an early deadline, like this one, is that stories often change dramatically before they get into print. My comments two weeks ago regarding Billy Martin's seemingly imminent firing because of his incident with a *New York Times* features writer fall into that category.

After the incident was investigated, Billy was exonerated, and his job seemed secure for the time being. I still tend to believe the writer's account of the matter, but be that as it may, the fact is that Billy Martin will still have a great deal of difficulty lasting the season as Yankees manager.

The reason is obvious, at least to me. While the Yankees are hot now, I still don't believe they can maintain a consistent winning pace in their division. Unless they do, either the Baltimore Orioles or the Detroit Tigers or both are going to pull away from the rest of the AL East, and George Steinbrenner isn't about to admit that he is the reason the Yankees don't have the horses to compete with those two teams for 162 games.

Now I realize the Yankees were a hot team just prior to the all-star break, which makes this statement a bit of a gamble on my part. I believe, however, that history is on my side in both instances — Martin will be fired and the Yankees don't have the team that can win this year.

First of all, without even considering the Martin-Steinbrenner connection, all managers get fired. There are very few exceptions to this rule. There was Connie Mack of the old Philadelphia Athletics, but he owned the team. There was John McGraw, who didn't own the old New York Giants but knew enough about the owners to keep from getting the axe and even had the power to name his successor.

Otherwise, except for Walter Alston, all managers get fired, and Billy Martin is particularly adept at it. The only question regarding Billy's eventual doom is not if, but when.

As for the Yankee team, history says that a team has to

have great left-handed power to win in Yankee Stadium, yet look at the current Yankee team. The two best power hitters on the club are Dave Winfield and Don Baylor, both right-handers. Graig Nettles will hit some homers for them (12 to date), as will Oscar Gamble, but Nettles and Gamble are not the RBI men a team needs in the middle of the lineup.

The Yankees are leading the league in batting but look who's responsible for it. Left-handed line drive hitters like Ken Griffey, Don Mattingly and Butch Wynegar. The Yankees have it totally backwards, and if this team wins the pennant, it will set a major precedent.

No Yankee team has ever won a pennant with a lineup like this one. This team could score 1,000 runs in Fenway Park, but I can't see that happening in the Bronx. I'm not saying they absolutely won't win it, I just don't think they can.

There is one thing definitely in the Yankees' favor. No team has been able to pull away from the field in the AL East, and if things continue like they have so far, it shouldn't take more than 88 wins to take the division.

It's too bad there wasn't at least one camera crew not involved in the melee at Wimbledon the other week so they could have filmed it. You know the one, where crews from ABC and the BBC got into a brawl over who had the right to what position in an interview with John McEnroe. I have seen enough TV camera crews bully their way around at sporting events to not have thoroughly enjoyed this one, had I only had the chance to have seen it.

The problem is a simple one. In sports journalism — or any other kind of journalism for that matter — TV has long become accustomed to excessive privileges. After a game, match or whatever, the TV cameras just push and shove their way through all the press and radio reporters to film those important 30-second film clips for the evening newscast.

If you've never been in the hallway outside the locker

rooms at Reynolds Coliseum after a game, take my word for it, it's mighty crowded and especially so after a big game. But it never fails that after the hallway fills with reporters waiting for the locker rooms to open, along comes a TV camera crew pushing its way through, and I mean pushing.

They never say, "excuse me," or "pardon, coming through." The most cordial thing I ever heard one of them say was, "Get out of the way," or "Hey, watch what you're doing." What is surprising about all this, though, is that no one ever bothers to push one of those guys back and say "Your mama." The only time I ever saw anyone make an effort to push back, he was quickly held back by another writer.

I wouldn't have held him back. That's one fight I'd pay to see. That's why I was so disappointed that no one bothered to film the big TV brawl at Wimbledon. As long as there was no winner, I'd watch that one over and over again.

It is interesting to note, when you get right down to cases, that for all that pushing and shoving, those TV "reporters" still seem to come away with the most superficial, uninformed account of whatever game or event they happened to have been covering. It always seems to me that to find out what really happened, you still have to read the papers the next day.

The NBA has voted to expand its play-offs from 12 teams to 16. Oh boy. The reason for this less-than-intelligent move is, of course, money. It certainly isn't the potential for increased excitement in the play-offs. It would seem impossible to make the NBA play-offs any duller than they already are, but expanding them to include all but the most totally inept teams in the league, which they have now

done, is the easiest and quickest way.

With only four or five really championship-caliber teams in the NBA, they could reduce the play-offs to eight teams without reducing what little suspense is

already present. There are only 23 teams in the NBA, so only the seven worst teams will fail to make it, and the seven worst teams in the NBA aren't that much worse than the next seven.

Strauss aiming for Olympics in '84

(Continued from page 16)

Strauss thinks that her future lies in the 3,000, but she doesn't plan on giving up the shorter distance.

"I think that the 3,000 is my race from now on," Strauss said. "But I think that I'll be versatile enough to run 3,000 and 1,500 and someday in the future run a good 5,000."

Before she begins her attempt at qualifying for the Olympic Trials next spring, Strauss says she has to remind some people of Lynn Strauss the cross country runner.

"I've gotta redeem myself for last fall," Strauss said. "Everybody was wondering who this kid from Pennsylvania was, and outside of TACs I didn't do much. I'm gonna be ready in the fall."

Strauss was one of the most touted runners in the country when she graduated from high school, but a virus kept her below par most of last fall before she got healthy at the end of the year. While not up to par most to the fall, Strauss still was the number four girl on the Wolfpack team that placed fifth in the nation.

But before Strauss returns to school, she's going to carry the U.S. colors to what she hopes is a winning summer.



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Bailey heads to Utah to Jazz-up NBA

by Bruce Winkworth
Sports Editor

All three of the seniors who led State to its surprise 1983 NCAA basketball championship were drafted in the first three rounds of the June 28 NBA college draft, led by Thurl Bailey's selection by the Utah Jazz in the first round.

The Jazz made the 6-11 Bailey the seventh overall pick in the draft, while point guard Sidney Lowe was taken by the Chicago Bulls on the first pick of the second round and was then dealt to the Indiana Pacers. Dereck Whittenburg, Lowe's DeMatha High School teammate and backcourt partner for the past seven years, was taken in the third round by the Phoenix Suns, who have a spot open on their roster for a guard after trading Dennis Johnson to Boston the day before the draft.

Bailey became the first State player to be selected on the first round since Hawkeye Whitney in 1980, and his selection as seventh overall pick is the highest for a State player since Kenny Carr was selected sixth in 1977.

"I'm really looking forward to Utah," Bailey said. "I think it's a great opportunity for me to get to play a lot. I talked to Coach (Frank) Layden, and he said I could be used at all three front-court positions."

Playing for the Jazz will not be Bailey's first experience at playing in the state of Utah. Provo was one of the Wolfpack's regional stops on the way to its national title.

"I played there in the regionals," Bailey said. "I really liked it there. Winning helped, too."

In the ten years prior to this season's draft, only six State players — Tom Burleson, 1974; David Thompson, 1975; Carr, 1977; Clyde Austin and Whitney, 1980; and Chuck Nevitt, 1982 — had been selected as high as the first three rounds, making this year's draft a 50 percent improvement

on the last 10 years of State's professional connection. This also marks the split of the three Wolfpack seniors who have played such a major role in the fortunes of State basketball the past four years.

"It'll be kind of weird playing against Dereck and Sidney," Bailey said. "But it should be fun, too."

The adjustment from college to pro ball is often difficult and involves more than just playing against former teammates. It means travel and a much rougher style of play.

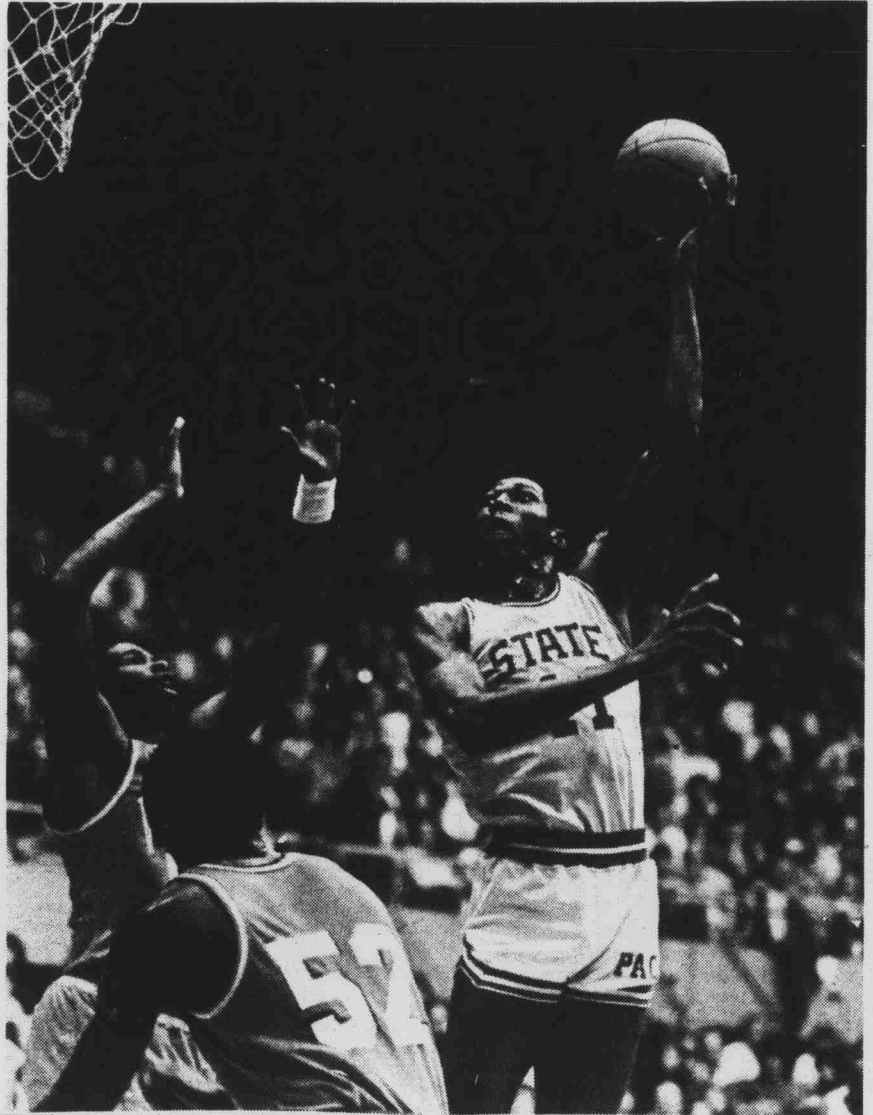
"I think the physical play should be an adjustment but not the biggest one," Bailey said. "I've played in some physical ballgames before. I think the biggest adjustments will be the travel and the place itself. It's not a city like Washington or a small-town environment like Raleigh and State. Those are what I'm used to, and Utah'll take some getting used to, but I'm sure I'll like it."

"I'll miss a lot about Raleigh, like the friends I've made and the atmosphere. This is home to me now. It's like a kid growing up in the same family and then having to leave home."

Before he leaves home, Bailey plans to take some time off to relax while a yet-to-be-named agent takes care of his contract with the Jazz. The relaxation time will give Bailey a chance to unwind from what has been a hectic year.

"It has been quite a year," Bailey said. "I don't think I ever envisioned any of the things that have happened to me. I've worked hard, and the whole team worked hard. I learned determination and to never give up. That's something I'll always take with me."

"I'm very pleased with everything that has happened to me since I came to State. I wouldn't change a minute of it even if I could. The bad things and the low times that happened only helped to make the good things that much better."



Technician file photo
The Utah Jazz made Wolfpack forward Thurl Bailey the highest Wolfpack NBA draft choice since Kenny Carr in 1977. The Jazz made Bailey the seventh overall pick in the June 28 draft.

Strauss battles heat to qualify for U.S. Junior team

by Tom DeSchraver
Assistant Sports Editor

Lynn Strauss overcame brutal heat to finish second in the U.S. Junior National meet last week at State College, Pa., earning a spot on the U.S. team which will face the Canadian and Italian Junior teams later this summer.

Strauss, a rising sophomore at State, cruised the 3,000-meter run in 9:33.85 in heat that was reported to be 110 degrees on the track before the race. She finished second to high school senior Cory Shubert who will attend Stanford University this fall. Shubert's time was 9:28.

Strauss has a personal best of 9:28 for 3,000 meters and said

that the heat took a toll on her performance.

"I didn't feel nearly as good as I did a few months ago," Strauss said. "But I felt better than I've felt in the last couple of weeks."

"I felt really light-headed because of the heat. I felt like I was running five feet off the ground."

The U.S. Junior team will compete against the Canadians July 26-27 at Sherbrooke, Quebec, and then the U.S. will be host to the Italian Junior team July 30-31 at New Britain, Conn.

Strauss is from State College and said it didn't hurt running in friendly surroundings.

"Everybody was cheering for me," she said. "It was nice, I

rarely heard another girl's name the entire race."

Strauss will be the U.S.'s top runner at 3,000 meters because Shubert declined the invitation to the team, and Strauss feels that Shubert's absence will hurt the U.S. at that distance.

"The girl replacing Shubert finished about 15 seconds behind me, so I think we might be a little weak," Strauss said. "I think that if you try out for the team, you have an obligation to compete if you make the team. I think that her coach (Brooks Johnson of Stanford) wants her to train for cross country instead."

Strauss will not be pointing for the two meets in her training the rest of the summer but will begin to prepare for the fall.

"I'm gonna be training for cross country, and I'll throw in a track workout right before," Strauss said.

This will be Strauss' first international competition, and the school record-holder in the 1,500-meter run is looking forward to the new experiences that lie ahead for her.

"I want to win it," Strauss said. "I don't know if the other girls are gonna be training hard for it, but I kind of doubt it. I think that I can handle them."

"It'll be exciting. I'm going for the experience and to run for the U.S."

Strauss ran mostly at 1,500 during the spring but opted for the longer race at the Junior Nationals because of the type of training that is required for the

event.

"I think that I could have qualified in the 1,500," Strauss said. "But it would have been more difficult to train for the 1,500 than the 3,000 with my cross country training. The 3,000 will be smoother for my training because the 1,500 would require too much speed work."

While Strauss looks forward to the international competition, she's beginning to point to next year already.

"They've knocked down the qualifying time for the Olympic Trials to 9:15.0 from 9:22.0 in the 3,000," Strauss said. "It'll be tough to get, but I think that in the next year I can get it."

(See "Strauss," page 15)