

Technician

North Carolina State University's Student Newspaper Since 1920

Volume LXI, Number 57

Wednesday, February 11, 1981 Raleigh, North Carolina

Phone: 737-2411, -2412

Two departments ask for child-care facility outline

by Betty Fried Jones
Staff Writer

The Division of Student Affairs and the School of Education have requested that a proposal be drawn up outlining specific plans for a campus child-care facility.

The request was made following the review of a draft of a proposal requesting space and funding allocations for such a facility.

A committee headed by Carol Lynn McKnight of Cooperative Campus Ministries has been assessing the need for child-care services at the University. The committee members have talked to members of the Student Senate, Adult Student Organization and Graduate Student Association in an effort to determine the need for this kind of facility.

"A survey conducted among



Carol Lynn McKnight

graduate students by the Planning and Research Division of Student Affairs in the fall of 1980 revealed that 69 percent (690 students) of graduate students saw a need for a child-care facility. 20 percent (200 students) had a personal need for child-care services and another 20 percent said that child-care services available to them were inadequate," McKnight said.

"The committee has done its homework," Carl Dolce, dean of the

School of Education, said. "They have demonstrated that the need is there. If one establishes a need then the question is can we meet that need."

"It is going to take a lot of work, imagination and creativity to pull it together," Gerald Hawkins, associate dean of Student Affairs, said. "This comes at a time when the University is not able to fund new projects. Governor James B. Hunt has asked for a reduction of 1,000-1,500 state positions and certainly some of these reductions are going to be at State."

"However there is no question that the need is there and there is no one within the University who does not feel this is a very worthwhile project. It is just that the timing is not the best. If we are going to do this we should do it in a first-class manner."

In order to get the program started, McKnight said funds would be needed for supplies, equipment, staff fees and possibly for renovation of whatever space is donated for the facility.

"But once the program gets off the ground it should be largely self-supporting," she said.

As an example she cited Appalachian State University's four-year-old program which gets 90 percent of its support from tuition. The university contributes the other 10 percent.

But one of the main goals of the committee is "to keep the cost to parents as low as possible," McKnight said. Therefore the committee is hoping to get grants from various student organizations, fraternities and sororities to help defray operating costs.

McKnight said she sees the program not only as a service to parents but as a service to the University.

"There are many exciting possibilities for involvement by the University. For instance the center would be available for student internships and teaching assistantships. It would also provide students an opportunity to observe children for projects in such subjects as psychology and sociology. The School of Design can

even become involved by designing the playground," she said.

"We've had enthusiastic support for the idea. There is an increasing population of students who require this service. For example we have many single parents who have returned to school to improve their career possibilities and they desperately need these services."

"Also there are many women who have interrupted or postponed their education to have children and are now returning to school. There are just not enough facilities to provide the kind of care parents want."

The only two state-certified day care centers near campus — Method

(See "Facility," page 2)

Computer-drawn maps aid resource allocation

by Sineba Stafford
Staff Writer

A computerized mapping system is being developed at State that will make possible the reproduction of hand-drawn quality maps for use in natural-resource planning.

In a research project named ERIC — Earth Resources Information Center — a computer is programmed with data concerning soil, water, vegetation, recreation, wildlife and road systems for use by any citizen responsible for natural-resource allocation.

ERIC is headed by Hugh A. Devine, assistant professor of recreation-resources administration at State. The project, funded by a grant from the U.S. Forest Service, is a joint effort between State's School of Forest Resources, the state of North Carolina and the U.S. Forest Service.

"The main instrument for any natural-resource planning is a map. We are producing a cost-efficient, automatic mapping system that allows rapid production of high-quality maps



Staff photo by Jim Frei

Graduate and returning students at State have expressed the need for a campus child-care facility. The Division of Student Affairs and the School of Education have requested that a proposal be drawn up outlining specific plans for such a facility.

suitable for use in land, ocean or resource management decisions," Devine said.

Devine said the original map would be produced by hand and the drafting would be done by computer. He said reproductions that normally take two to three weeks at \$10 an hour can now be produced for 58 cents an hour.

Magnetic grid

Devine said the original map is placed on a magnetic-coordinated grid. A sensitized device called a digitizer picks up the coordinates, telling the computer where the map is located in the state, and traces the lines of the map into the computer in the same location. The instructions for using the digitizer are also on the grid, which makes it easier for those using it.

According to Devine, once the data has been digitized into the computer, the researchers can call for specific information about a given area. The information is brought up on the computer scope and by using a device called

a plotter, it is color-coded to produce a map.

"If we need to take a look at water resources in an area, the request is given to the computer and then the plotter's pen moves back and forth shading those areas where lakes, rivers and streams exist," Devine said.

"When we want a combination of characteristics for an area we can have the computer produce a composite from several individual maps. So when we want to check an area's soil type with its water we can use this system and do it quickly."

Recreation potential

According to a University news release, Devine recently used the mapping system to explore the recreational potential of the wilderness areas of western North Carolina's Transylvania County. The computer has helped identify areas of high recreation potential based on their distances from power lines and man-made disturbances, the release said.

"For land-management decisions like this the basic tool has always been a map," Devine said. "Soon when citizens sit down to decide if an area should be reserved for recreation they will be able to review specifics on the inexpensive maps."

According to Devine, flexibility and the access to a variety of data sources are the keys to the computerized mapping system's success.

"Our potential sources of data are excellent. We have the most sophisticated system in the country," he said. "We've hooked into the state's Land Resource Information Service, the University's School of Engineering computer-graphics center and a similar system at the University of Georgia."

Devine said he would like to see a statewide data base established for use in all of North Carolina.

"Land management is eager and we could provide the resources," he said. "When that is accomplished, intelligent resource-management deci-

(See "Maps," page 2)

PULSTAR

Manager says 'no health hazard'

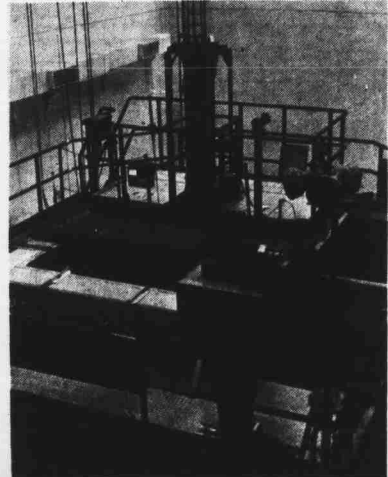
by Laura Mansberg
Staff Writer
and Jeff Lockwood
Contributing Writer

The one-megawatt nuclear reactor located in the Burlington Engineering Laboratories on campus presents no health hazard to the University community, according to Thomas Bray, reactor operations manager, and Robert Cross, health physicist at the reactor.

The PULSTAR design fission reactor, which operates an average of three to four hours a day, presents no danger because of the rigorous safety procedures practiced there, according to Bray and Cross.

"We are not a power facility. We never have to turn the reactor on," Bray said. The philosophy underlying safety procedures is "never rush," he said.

A certain probability exists for accidents "due to human carelessness," Bray said; therefore operators never work alone in critical situations.



Staff photo by Clayton Brinkley

Four "control rods" regulate fission in the core of PULSTAR. Initial tests on the reactor concentrated partly on determining time required for lowering and lifting these rods.

"They follow written procedures for everything, even though they may believe they have it memorized," he said. "You never take any action on your own if you see anything unusual. You call someone else more experienced in."

State's reactor uses slightly enriched uranium-235 for fuel and is moderated and cooled by "light water" — as opposed to "heavy water" made with deuterium and commonly used in earlier nuclear reactors, according to display material in the Burlington building.

Cross and an assistant, Thomas Brakin, are responsible for establishing and administering a safety program for people working around the campus reactor.

"It is our duty to see that no one is overexposed to radiation," Cross said. "The general rule is to keep exposures as low as can reasonably be expected."

To meet this goal, Cross said, he must monitor an array of sites within and around the reactor building and teach all personnel and students a code of behavior within the building, especially "how to modify behavior to decrease exposure." "Any laboratory handling compounds that produce ionizing radiation follows specific federal guidelines. We fall into this category of facility," Bray said.

Cross said the official "maximum allowable dose for those working around such a facility is, for vital organs such as bone marrow and gonads, one and one-quarter rems (Roentgen equivalent man, a standard measure of biological damage done by ionizing radiation) exposure per calendar year; for the blood and other organs, 100 millirems per week; for the skin, seven and one-half rems per quarter (three months); and for the extremities, 18 and three-quarters rems per quarter."

Background radiation "coming from the earth's minerals and cosmic rays from outer space amounts to about 100 to 120 millirems per year," Cross said. "The exposure limit for members of the general population is an average of 500 millirems per year."

Validity

When asked about the validity of the present "maximum allowable dose" Cross said, "I accept that as the appropriate one."

Controversy over the biological effects of exposure to low-level radiation has intensified within the scientific community in recent years. Techniques for detection of radiation have improved and thus the connection between radiation and problems in the human population — such as increased cancer rates and birth defects — has recently become more evident.

Visitors to the reactor and students, faculty and staff working in PULSTAR's control room, reactor room and some of the labs around the building are required to wear film badges. Workers' badges are replaced periodically and Cross reads from them the accumulated dosage received by the individual. The information is stored with the local "radiation recorder," which at State is the Radiation Protection Office.

"Every person who works around a reactor has a



Staff photo by Clayton Brinkley

In the reactor control room in Burlington Engineering Laboratories, trained operators watch the reactor's instrument panel and are able to view the reactor through a large window. The TV screen at the top of the panel displays a constant image of the core where the fission reaction takes place.

"radiation history," Cross said. "This follows him from job to job, too."

The local radiation recorder must give the individual his history once a year if he requests it. We have found that our people receive only two or three weeks' worth of the permissible exposure levels a year."

Regulations for disposal

Federal regulations governing disposal of radioactive materials set the permissible radioactivity levels at which wastes can be released into the environment. Cross monitors the radioactivity of liquid wastes from PULSTAR's bay and instrument rooms and from the nuclear-engineering research laboratories.

Radioactive materials miscible in water drain into three underground storage tanks just outside the building.

"After the tank fills, if we find that radioactivity levels comply with the release criteria, we release the fluid to the city sewage treatment system," Cross said.

According to the annual report submitted to the federal Nuclear Regulatory Commission by the University's Nuclear Reactor Program, all liquid residue from July 1, 1979 through June 30, 1980 complied with regulatory criteria and was "released to the Sanitary Sewer System."

Solid wastes and those not miscible in water are put into containers and collected by the campus Radiation Protection Office. Fifty-five gallon drums packed with these are shipped to a federally approved burial ground, of which there are currently only two or three in the United States.

Surveillance equipment

The Health Physics Office of Burlington Laboratories has an array of surveillance equipment with which to monitor radiation levels around PULSTAR and the surrounding building.

"We have regularly scheduled tests of this equipment,"

Cross said. "Every four months we calibrate the portable monitors. And any time we repair something, replace a part, we have to re-check it and calibrate carefully."

Often several devices monitor one reactor function or one potential radiation source, as in the control room where five meters display readings for power output of the reactor.

"According to our license we must have a certain number

(See "Manager," page 2)

Inside

—Traditional four-year student is norm for minority. Page 3.

—Lily Tomlin's creativity expands in *The Incredible Shrinking Woman*. Page 4.

—On a more serious note... Page 5.

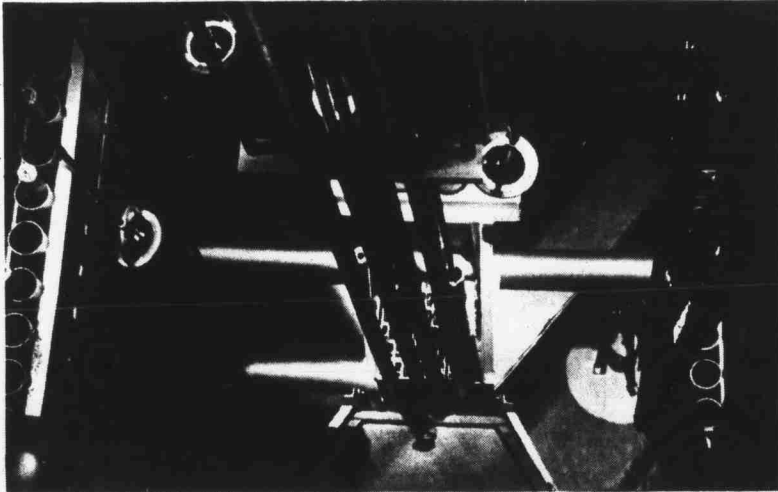
—State hopes to Sampsonize Ralph and turn out Lamp's light. Page 6.

—Wolfpack dreams come true in ACC Tournament. Page 7.

—Politics affect Iran's internal structure. Page 8.

weather

Today — an unusually warm and rainy day with a slight chance of thunderstorms. The high temperature will be near 60. Thursday — clearing and much colder with a high temperature near freezing. The low temperature will be in the teens. (Forecast provided by student meteorologists Barry Coble and Kirk Stopenhagen.)



Staff photo by Clayton Brinkley

The core of State's fission reactor is in a fixed position at the bottom of a pool of water over 25 feet deep. Anyone working in the vicinity is protected from the core's radiation by a thick-walled containment structure.

Manager says PULSTAR not hazardous to health

(Continued from page 1)

of detectors running in order to operate the reactor. There are four monitors in the pathway of air as it leaves the reactor bay. One is calibrated for argon 41 so we have a constant check on the amount released," Cross said.

According to Bray, argon 41 is the only measurable substance released through the reactor's air stack into the atmosphere above campus. Argon 41 has a half-life — the amount of time it takes for one-half of the material to decay or change into other, lighter elements — of a few hours.

Argon 41 "is a normal, unavoidable by-product of a fission reactor's operation which is produced when air is irradiated by neutrons," Bray said. Released levels are reported to the NRC.

"As a rule we are putting out less than permissible levels," Cross said. "A health hazard? Not when you're just walking by the building but I wouldn't want to stick my head down into the stack."

According to the University's last annual report, the air monitor in PULSTAR's bay and the particulate monitor on the bay exhaust did not show any activity whose half-life was greater than eight days.

Included in the annual report is a special "Environmental Radiation Surveillance Report" for the same time period submitted by the campus Radiation Protection Council. The report states that "no unusual levels of environmental radioactivity were found in the University's vicinity."

The council determined this with air monitors located on various buildings around campus and with regular samplings of milk, surface water, soil and vegetation in the vicinity.

Pulse capability

PULSTAR gets its name from the fact that it has the capability of being pulsed to a power production peak of 1000 megawatts in a few milliseconds.

PULSTAR's normal power output of one megawatt of thermal energy is "basically a nuisance," according to Bray, since the reactor is used for research or operator training rather than for power production.

Primary and secondary cooling systems, containing water which reaches a temperature of 105 degrees Fahrenheit, transfer this energy to a cooling tower outside of the building.

Larger commercial reactors which operate at higher energy output than PULSTAR usually contain an emergency core-cooling system, according to Bray.

The sudden complete loss of primary coolant, which could occur due to human error or mechanical failure, can result in the decay-heat phenomenon. That is, even if the reactor automatically shuts down, as PULSTAR will in the event of such an accident, residual decay products of the fission reaction will result in great quantities of "left-over" heat in the reactor core, Bray said.

The possibility of such an accident at PULSTAR poses no problem since "we operate at such low power," he said. The much greater quantity of left-over heat occurring in the core of a commercial power reactor could be catastrophic.

Another important consideration in reactor safety is the decommissioning of a reactor — dismantling and permanent, safe storage of the contaminated reactor parts — after it is no longer useful.

"The average life of a reactor of this sort is approximately 25 years," Bray said.

Fourth campus reactor

PULSTAR is actually the fourth research reactor to operate on campus.

The R-3, used in the 1960s, was dismantled in 1973. Its fuel was removed and eventually shipped to a federally approved repository. The primary coolant, according to Bray, was withdrawn into an underground container where con-

tamination products could slowly decay while the water evaporated.

Bray said that both this container and the R-3 core with its shield remain at Burlington Laboratories and are still regularly monitored for radioactivity.

Several early studies of PULSTAR's properties and capabilities helped those working with the reactor to learn how to use it safely. The Safety Analysis Report was prepared during the planning stage of the reactor and submitted to the Nuclear Regulatory Commission.

Bray said the document describes the ideal function and performance of the reactor, covering everything from the coolant system, the confinement system and radioactive waste-handling to considerations of meteorological, hydrological and geological properties of the site itself. It also describes possible accidents.

The Startup Manual delineates tests performed during the first days of PULSTAR's operation.

"Through these tests we were able to see if the reactor performs as described in the SAR," Bray said. "The 'critical experiment' — simply a very important test — was used to determine the quantity of fuel assemblies (bundles of fuel rods) needed to achieve a self-sustaining chain reaction in the reactor core."

For PULSTAR this quantity — referred to as the "critical mass" if given in units of weight — is 23 fuel assemblies.

Another important aspect of the initial tests — on PULSTAR was the determination of time required for lowering and lifting the "control rods" which function as regulators of the fission reaction in the core.

Approximately 40 research reactors are scattered throughout the United States though State was the first university to build one, the "Raleigh Reactor," in 1953.

The design, fabrication and installation of PULSTAR adjacent to the Burlington Laboratories building was based on a "proven" prototype located at the Western New York Nuclear Research Center at the state university of New York in Buffalo.

The reactor core itself is in a fixed position at the bottom of a 26.5-foot pool of water. Those working around it are protected from its radiation by a thick-walled containment structure in a high-ceilinged room. The reactor can be viewed, via a large window, from the control room where trained operators watch the instrument panel.

A TV screen on the panel displays a constant image of the core where the fission reaction — initiated by the interaction of neutrons with uranium fuel — takes place. The control room, reactor bay and equipment room are all "insulated" from the rest of Burlington, according to Bray, but evacuation plans do exist for both this section and the entire building. Notices outlining these are prominent near exits, on bulletin boards and on corridor walls around the building.

Facility planned

(Continued from page 1)

Day Care Center and the Children's Center at West Raleigh Presbyterian Church — have waiting lists. According to McKnight, the Children's Center has 56 families on the waiting list, and in 27 of these families either husband or wife or both are State students.

Method Day Care Center has a waiting list of 18, five of whom include State

students, according to director Dorothy Wilson.

"In addition to full-time care, ideally we need a program which would offer part-time and evening care because this is one of the strongest needs and this care is the most difficult to provide," McKnight said.

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Maps help

(Continued from page 1)

sions will be made promptly and economically on problems as diverse as algae control in the Chowan River and the proper allotment of land sites of our state park network."

Devine said the system could be used in the design of towns, parks and industry and in decisions regarding where to locate houses and apartment buildings. It can also be used in farming, forestry planning, energy conservation and municipal decisions.

"Anyone who deals with maps can benefit from the system," he said.

classified

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Majority of freshmen find four-year tradition fails

by Linda Snell
Features Writer

When senior John Baker enrolled at State he already had two years of school at a junior college behind him.

"I actually only lost four credits in the transfer," he said, "but I voluntarily gave up 12 more."

Baker felt he would benefit more if he took the design courses at State, so he sacrificed two extra semesters and spent an extra year in school — that is, in terms of the traditional four-year student, a tradition that seems to be a norm only for the minority.

"So many students don't finish after four years," Cynthia Davis-Palcic, coordinator of Planning and Research-Division of Student Affairs at State, said. "It is just an unrealistic goal to graduate after four years."

Davis-Palcic is in charge of studies concerning student retention and graduation.

In her studies cohorts of students are followed from their admittance into State until their graduation.

From 1974-1976 the average graduation rate of four-year students was 33 percent. Of those who didn't graduate thirty percent had withdrawn, five percent were suspended and thirty-two percent were still enrolled.

Freshmen engineering-major Lisa Hager and Sherry Sanders were surprised at the low graduation rate.

"We're going to graduate after four years," they said, laughing, "but first we have to make it through our dynamics course."

By the end of the fifth year 20 percent more of the students had graduated. After six years yet another eight percent have earned their B.A. or B.S. degrees.

Davis-Palcic assessed many reasons why she thought graduation rates were so low after four years.

"I really don't know for sure, but academic difficulty is obvious." She also mentioned transfer students and students who change majors in mid-stream.

"I know it's going to take me five years," freshman Pat Hardy said. "I play football, so I don't take a full load each semester."

"I don't think students should be afraid to change career and educational goals," State counselor Lee Salter said. He said that of the 3,000 students who use the Counseling Center, over half were for academic purposes.

According to Davis-Palcic's studies the School of Design has the highest graduation rate at State. Of the 1974 cohort 86.7 percent of the design students had graduated after six years. On the average only 30.8 percent of the students that enter the School of Physical and Mathematical Sciences ever graduate.

When asked what he



Jeff Hooks lectures an attentive group of freshmen during his English 112 class. Many students enter college with the idea they will finish their

education within the standard four years, but recent trends have not been in this direction. Staff photo by Clayton Brinkley

thought the major reason was for the low percentages, Dean Arthur C. Menius of the School of Physical and Mathematical Sciences said he really didn't know. "Many students transfer out

during their freshman year, after their 'weeding-out' courses. But I would have to look at it more closely."

David D. Mason, head of the statistics department, said, "Seniors in high school

come in and realize that it's not all playing games. It's a tough curriculum."

National statistics on student graduation indicate that State is consistent with

the average graduation rate. According to Lee Knoel of the American College Testing Service, 53 percent of the students nationwide graduate after five years at college.

Mary Hunt, a junior in animal science, said, "I don't know anyone who is graduating in four years. I think the extra courses I've taken will help me after graduation."

crier

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WEIGHT CONTROL GROUP offered Thurs, Feb. 12 - Mar. 26, 3:30 p.m. \$10 - book and 55 refundable. Pre-registration necessary. Dr. Turnbull, 737-2563.

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ASME LUNCHEON - Wed, Feb. 11, at noon in Broughton 7211. Speaker: Chris Rolfe from Duke Power.

BIG "4" DAY AND CO. REC DAY - The Intramural Office is presently having an open sign up period for any students who wish to represent NCSU in Big "4" Sports Day or Co. Rec. Play Day activities. Interested students should come by the Intramural office to sign up or call 3162 for further information.

ATTENTION All math and science education majors - Math and Science Education Club will meet on Ed, Feb. 11 at 3:30 p.m. in 320 Pae.

ENGINEERING OPERATIONS SOCIETY will meet Wed, Feb. 11 in Riddick 220. The guest speaker will be C.L. Smith of the Dept. Topic: Transition From College Diploma to Paycheck. Refreshments served.

THE CAREER WORKSHOP PROGRAM offered through the Career Placement Office organizes workshops on various subjects for all classes dealing with decision making skills, interests and values and job hunting strategies. For more information call 737-2744.

AN ALCOHOL AWARENESS PROGRAM with a breathalyzer demonstration will be held on Wed, Feb. 11 at 7:30 p.m. in the Turlington Tap Room. Refreshments will be served.

WE WANT YOU! Join O'H Campus Student Association. An upward moving group that challenges you to become a part of campus life and get involved. Packhouse, Wed 4:30 p.m.

HHO LAMBDA meeting, Wed, Feb. 11, at 6 p.m. Brown Room, Student Center.

SPORTS CAR CLUB meeting Wed night at 7:30 p.m. in 230 Writers. Anyone interested is welcome.

UAB PUBLICITY committee meeting Thurs, Feb. 12, at 4 p.m. in the Conference Room. New members welcome!

THE CATHOLIC STUDENT PARISH will sponsor a bible study on Thurs, Feb. 12, at 8 p.m. in the Nub.

BIBLE STUDY in the Nub Wed at 4:30 p.m. Led by Joe Mann, Methodist Campus Minister. Everyone welcome.

MUSICIANS with an interest in engineering or vice-versa. If you want to get together with others of a similar bent (warp?) meet tonight at 7:30 p.m. in the Green Room of the Student Center.

SOCIETY OF BLACK ENGINEERS meeting on Wed, Feb. 11, at noon in the Student Center Packhouse. There will be a speaker from Du-Pont in Kingston.

SCUBA CLUB - There will be a meeting on Wed, Feb. 11, at 5 p.m. in Carmichael 214. All interested skin and scuba divers are invited to attend. For more information call Mark at 851-0207.

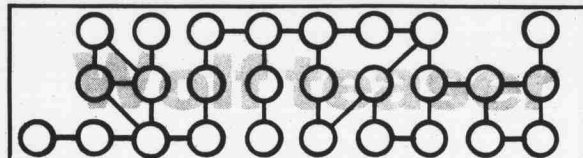
STUDY ABROAD: A representative from American Institute for Foreign Study will see individual students, faculty members interested in summer or academic year study abroad in Lobby desk, Student Center today, 9 a.m. to 5 p.m.

RAPE CRISIS CENTER - needs volunteers for supportive telephone counseling, newsletter production, program presentation, etc. Training course begins Feb. 25 at 7 p.m. Volunteer Services, 3112 Student Center, 737-3193.

NCSU L.S. SOCIETY will meet at 6 p.m. in the top of Harrison Feb. 12. Anyone interested in the space shuttle program or space colonization topics is welcome.

TAU BETA PI - Election meeting in Riddick 242 on Thurs, Feb. 12, at 8 p.m. All members are required to attend.

ANTHROPOLOGY SOCIETY will meet on Thurs, Feb. 12, at 7:30 p.m. in 181 Harrison to hold elections and plan activities. All members must attend.



Open to all State undergraduates except for Pi Mu Epsilon members.

FIRST PRIZE: A \$5 gift certificate to be used at Two Guys restaurant.

SECOND PRIZE: Three free games of bowling at Western Lanes. (Two second prizes will be awarded)

Submit your entry with name, telephone number and date to the math department office in 252 Harrison by February 18. If you have any questions contact Nancy Fazzino or Dr. Robert Silber.

Given the integers 1 through 27, assign to each circle an integer such that:

- 1) all 27 values are used, and
- 2) the absolute difference between any two adjoining circles is less than 3.

Prizes will be awarded to the FIRST three entrants with the correct solution. Winners will be announced.

Editor's note: Wolf Teasers is a mathematical puzzle developed by members of mathematics honor society Pi Mu Epsilon. It will appear in the Technician once a month. Winners will be chosen on a first-come, first-served basis and will be contacted by telephone.

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CN2/81

NAVY OFFICERS GET RESPONSIBILITY FAST.

Shrinking size heightens awareness for actress in new 'epic' comedy

by Eleanor Williams
Entertainment Editor

The Incredible Shrinking Woman, Lily Tomlin's newest comedy film, taken from Robert Mauthner's book *The Incredible Shrinking Man*, allows the actress to develop more than one character which adds a multi-dimensional perspective to contemporary society.

None of Tomlin's other film appearances have given her this freedom; consequently, none of her films have allowed her creative talents to cascade freely through time and script.

Tomlin initially portrays Pat Kramer, a completely happy suburban housewife with two kids, an adoring husband, a lovely home and her only source of anxiety comes from her Spanish-speaking maid. The actress also plays the part of Judith Beasley, Kramer's concerned and protective next-door neighbor. A cameo appearance is made by Tomlin's most famous character, the telephone operator.

Beasley and Kramer act together in many scenes. One scene of particular noteworthiness occurs when Beasley takes Kramer grocery shopping. Kramer, precariously perches atop a pile of paper products in the shopping cart with many curious neighbors peering across the aisles and through displays.

Read ingredients

Beasley is oblivious to the onlookers. She is meticulously reading the ingredients of a cereal product through a hand lens. Macho-brand cereal contains equal amounts of testosterone, dried spermatozoa, extract of bull scrotum and ego builders. The scene ends with Beasley carrying the humiliated Kramer out of the store in a grocery sack.

Charles Grodin plays Kramer's loving, understanding husband, who knows that his wife's misfortune is partially his fault. Kramer is shrinking due to a concentration of chemical additives contained in the consumer products she relies on to exist. Her husband is an aspiring young advertising executive who brings home samples for his wife to use — and name.

One particular combination of chemicals produced a reversal in Pat Kramer's biological processes, causing her to shrink — not grow. She and her husband are faced with the moral dilemma of telling the world the reason she is shrinking and causing a "crisis of consumerism." Pressure from her husband's employer and the kidnapping of the tiny woman produce a new conflict which keeps the plot moving.

Director of photography Bruce Logan deserves mountains of credit for the complicated filming sequences he coordinated. The special effects and gigantic props used are wondrous.

The most outstanding feature of this film does not lie in the acting, scenery or filming of this movie. By resisting the urge to "make a statement" or trying to bring the film topics too close to home, screenplay writer Jane Wagner and director Joel Schumacher make a funny film which speaks for itself.

They let fiction be fiction.

The Incredible Shrinking Woman does not happen just Anywhere, USA. The action takes place in a surrealistic California suburb — Tasty Meadows. The people, their actions — everything about the film is extreme. Some of the camera work is intentionally fuzzy. But that's OK.

The message still comes through. American life is too commercialized. T'agedy — and comedy — can result. Tomlin doesn't depress us. She warns us. She gives us hope.

Thanks Lily; I needed that.



Lily Tomlin is pictured here on a disastrous shopping trip with her next-door neighbor (also played by Tomlin). Oversized props were a key factor in the film's successful portrayal of the shrinking woman.

STATE'S SILVER SCREEN

by Karl Samson Entertainment Writer
Carousel Erdaht-Cloyd Theatre
Wednesday, Feb. 11, 8 p.m. Admission: Free

This week's musical offering from the Sight and Sound musical series is a delightful film from the prolific pens of Rogers and Hammerstein. This film stars Gordon MacRae as carnival barker Billy Bigelow who makes a valiant attempt at bettering himself when he falls in love with Shirley Jones. Unfortunately the excitement of widescreen location filming may be lost in the Erdaht-Cloyd Theatre.

Dr. Zhivago Saturday, Feb. 14, 8 p.m. Stewart Theatre Admission: \$1

Pasternak's epic novel of the Russian revolution comes alive on the wide screen with stunning brilliance. Julie Christie and Omar Sharif play two lovers separated repeatedly by the tides of war. In a world turned upside down by constant war, these two attempt to build a peaceful world of their own.

The Deer Hunter Sunday, Feb. 15, 6-9:30 p.m. Stewart Theatre Admission: \$1

This three hour long film is an emotionally draining study of the psychological effects of the Vietnam war. The story follows the lives of three young Pennsylvania steelworkers as they learn the actual costs of war. The idea of death becomes appealing to those unable to deal with the personal anguish and emotional scars of war.



Omar Sharif's acting precision can be seen in Thursday's showing of *Dr. Zhivago*.

East of Eden Monday, Feb. 16, 8 p.m. Erdaht-Cloyd Theatre Admission: Free

In this film adaptation of John Steinbeck's novel, James Dean appears in his first starring role. The story addresses the subject of father-son relationships in a pre-World War I farming community in California. Dean gives an emotionally powerful performance in this story based on the tale of Cain and Abel.

Guests will appear with symphony

Performances by violinist Andres Cardenes and conductor David Ramadanoff highlight the N.C. Symphony's concert Saturday, Feb. 14, at 8 p.m. and Sunday, Feb. 15, at 3:30 p.m. in Raleigh's Memorial Auditorium.

Andres Cardenes will be a guest of the N.C. Symphony this weekend.



Cardenes will perform Alexander Glazounov's *Concerto in A Minor for Violin and Orchestra*. The remainder of the program includes Giuseppe Verdi's *I Vespri Siciliani Overture* and Johannes Brahms' *Symphony No. 1 in C Minor*.

Last season's winner of the N.C. Symphony's Kathleen and Joseph M. Bryan Young Artists Competition, Andres Cardenes has become a renowned violinist at the age of 23. A native of Havana, Cuba, and now a resident of Los Angeles, Cardenes recently took third place in the Jean Sibelius Violin Competition in Helsinki, Finland.

Ramadanoff, associate conductor of the San Francisco Symphony since 1977 and music director of the Master Sinfonia Chamber Orchestra in Los Altos, California, is the most recent recipient of the Leopold Stokowski Award, established by the American Symphony Orchestra to recognize burgeoning conducting talent.

The young Ohio-born maestro studied at the Cleveland Institute of Music and received his master's Tanglewood, where he caught the attention of Seiji Ozawa.

During his student years Ramadanoff spent summers studying at Aspen and received his master's degree from Temple University and his doctoral degree from The Juilliard School.

Poster contest

The Wake Visual Arts Association Inc. is sponsoring an Artsplosure poster contest in conjunction with the city-wide arts festival April 25 — May 10.

There will be a cash award of \$100 to the person producing the winning entry and the entry will become the official Artsplosure 1981 poster, with a distribution of over 2,000.

To receive an application form and details concerning other opportunities for visual artists, call festival administrator Patti Pace at 755-6154.

1981 Technician

Spring Break Photo Contest

Have a great Spring Break and when you return, send us your best 5X7 or 8X10 (Limit: three entries per person). Both black-and-white and color prints will be accepted. Selected entries will be exhibited at the conclusion of the contest. Also, selected prints will be published in the *Technician*. Deadline for all entries is March 31, 1981.



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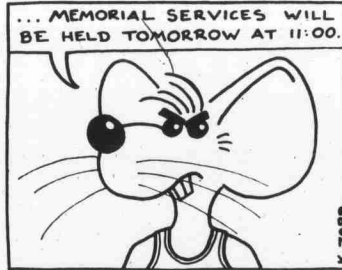
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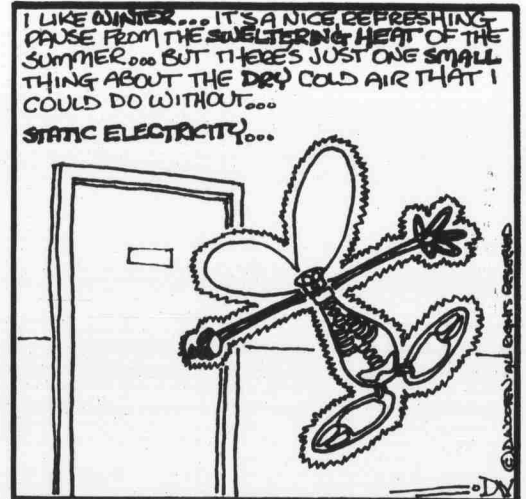
the serious page

Joe Rat



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Episode 6

February 11, 1981



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The Rosa Parks Lecture Scheduled for February 11th has been cancelled due to illness.

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Coming soon to selected theatres

State's hard-luck kids set for clash with No. 1 Cavs

Between the Lines **Stu Hall**
Sports Editor

Yoo-vee-ay — otherwise known as the University of Virginia — has only held the prestigious No. 1 position a week and already it's been taken to the wire twice.

North Carolina tried to ambush the Cavaliers just a day after the Cavs took over the No. 1 spot. The Tar Heels held as much as a 16-point lead in the second half before Dean Smith's boys in baby blue blew it in overtime 80-79.

After that scare, 20-0 Virginia traveled to New York's Madison Square Garden where little-known Wagner University nearly made national news by upsetting the Cavs — but lost by six.

It's quite clear that everyone wants to knock off No. 1 — at least in Virginia's case.

State gets its chance at the nation's top-ranked team tonight at 7:30 when the Cavaliers enter Reynolds Coliseum.

It would be like the Alka-Seltzer commercial if State could knock the Cavs off — you know, "Oh, what a relief it is."

What a matchup it should be: the Cavaliers, riding a magic carpet to the highest reaches of the rankings, against State, the hard-luck kids of the ACC.

And for those who haven't seen this week's *Sports Illustrated* — the one with voluptuous Christie Brinkley on the cover of the annual bathing-suit issue — there is a feature on the Cavs and if it weren't for Miss Christie, Virginia might be right there on the cover.

So what does that have to do with anything? Well, if the Wahos were on the cover there would always be the possibility of the *Sports Illustrated* jinx. For those who don't know what the *Sports Illustrated* jinx is, several times over the years something dreadful has happened to its cover subjects the week after publication.

"Without question they're deserving of their No. 1 ranking," State head coach Jim Valvano said. "They have a tremendous blend of experience, youth, inside play and outside shooting. They've got it all."

That all consists of 7-4 Ralph Sampson, who has set afire the college-basketball scene the past few weeks. Against Ohio State on Super Sunday he scored 40 points and pulled 16 rebounds, while against North Carolina last week he had 32 points.

But if anybody has Sampson's number since he

started at the famed institution, State does. In the three times that Sampson has met the Pack he has been limited to a total of 43 points and 30 rebounds, which averages out to be 14 points and 10 rebounds per game, well below his average.

Though Sampson is a franchise, he is complemented in the "team" concept by Jeff Lamp, Lee Raker, Jeff Jones and Othell Wilson.

"No question about it, they have all the material to win a national title," Valvano said.

And that's exactly what they're going for, along with an unbeaten season. But there is just one hitch — State is bound and determined to stop at least the unbeaten season.

"That's what college basketball is all about," Valvano said. "It's going to be fun for all our fans; it's going to be fun for our players and for me to coach. I've always wanted to play a big game against the top-rated team. Last year at Iona it was Louisville. I asked Frank Weedon (State's assistant director of athletics) when was the last time a No. 1 team came to Reynolds Coliseum and he said in 1974, when it was us."

What a shame because there will most likely be a sparse crowd and a non-vocal one at that.

What's really a shame, though, is the Wolfpack was the victim of the home-crowd jeers in the waning minutes of the Clemson game last Wednesday.

When are these fair-weather fans going to wake up and show some support for a team, that although is 12-9, is well deserving of better treatment?

Speaking of treatment, State's squad should be back in full strength tonight when forward Art Jones returns to the Wolfpack lineup after a ligament strain in his right leg.

"Hopefully, Artie Jones will be back for the Virginia game," Valvano said. "If that's the case, it will be the first time we've been at full strength in a month. We haven't been able to field the same club we won the Holiday Festival with."

If there was any consolation in Jones's injury, it was the fact that Scott Parzych really made a name for himself. In the past four games Parzych has started and scored 47 points for a 12-point average.

Another interesting figure is that 33 of Parzych's 47 points have been scored in the second half, either pulling State from a deficit or sealing a lead.

State, which set a North-South Doubleheader



Staff photo by Linda Brafford
State head coach Jim Valvano points his team in the direction of No. 1 Virginia.

record by hitting 100 percent from the field in the second half of Saturday night's St. Joe's game, needs to hit the outside shot against Virginia.

In the previous meeting in Charlottesville, Va., the inside games of Thurl Bailey, Craig Watts and Chuck Nevitt found rough going against Sampson. But should the trio not get in foul trouble tonight, like they did in the previous meeting, things should be a lot different.

All in all it just might be the most important game of the year for the Wolfpack.

A win would bring it a step closer to post-season play and going into Saturday's Notre Dame game, State would be on an "emotional roller coaster," as it's been referred to by Valvano.

Most of all, though, a win would knock the Cavaliers off their mighty perch as the No. 1 team in the land.

State-Notre Dame ticket distribution

Ticket distribution for Saturday's State-Notre Dame game in Reynolds Coliseum begins Thursday for last names beginning with O - Z. Distribution Friday is for last names beginning with letters A - N.

Tickets must be picked up at the Reynolds Coliseum box office. Students must present ticket stub, current registration card and ID at the door for admission to the game.

Bulldogs edge State gymnasts

by Cara Fleisher
Sports Writer

If determination counted, they'd be winners.

But since it doesn't, they weren't.

State's men and women's gymnastics teams suffered close losses Friday night to strong Georgia teams but several individual performers scored their highest totals of the year.

The men lost by a score of 219.75-216.75, while the women were defeated 134-124.2.

"We won third place in every event, but they took first and second," State men and women's gymnastics head coach Mark Stevenson said of the women. "We improved our team total by nine points so we've almost reached our season goal of 125."

Vieki Kreider placed third in all-around competition. She and teammate Heidi Olson turned in identical 5.8 scores in the vault, their highest marks of the season.

Stevenson cited the performances of Kreider, Karen

Nagle and Jenny Ladner as "the best of their lives at State. They improved their all-around scores by 3.3 points, which is pretty good."

"Overall, we're a lot better," Kreider said. "We pulled each other together. We had some downfalls but increased our team score by 10 points so I'm very happy."

"The scores in college are a lot lower than in high school, so it's taken a lot to get used to it."

Assistant men's gymnastics coach Sam Schuh said he thought State outclassed the performances of Georgia, even though the final outcome indicated otherwise.

"They were sloppy," he said. "They did some hard stuff but were sloppy. We were cleaner and just performed better."

Schuh said the performances of State's all-around men — Randy Swetnam, John Cooney, Doug Earnst and Tony Hornett — kept State close throughout the match, as they all broke the 40-point mark.

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Wolfpack followers' dreams come true

by Terry Kelley
Assistant Sports Editor

There is only one thing which could bring more excitement to a Wolfpack follower than a State-North Carolina matchup and that is the ACC Tournament.

So if the two were to be combined then the ultimate in Wolfpack fantasies would come true.

The dream has come true. The first round of the ACC Women's Basketball Tournament will feature this exact matchup Thursday night in the 9 o'clock game at Clemson's Littlejohn Coliseum.

Only fate could bring such a matchup and so fate did. The final regular season records showed Clemson in first place with a 6-1 record followed by Maryland, State and Virginia with 5-2 marks, while North Carolina held a 4-3 mark. Duke, Georgia Tech and Wake Forest finished out the standings so that a flip of the coin was necessary to determine the pairings.

Virginia drew the second seed, Maryland won the third seed and State finished last in the flip for the number four seed, which matched the Pack with fifth-seeded North Carolina. Once again this pair of intra-state rivals will meet for a head-to-head matchup and it's been a long dry spell for the Heels.

"We have a tough game in the opening round," State women's basketball head coach Kay Yow said. "We've had two close games with them this year — we won one by four and one by five. That'll be a really tough game for us. A little more luck in the flip and we could have been opening with Georgia Tech.

"Georgia Tech is a tough team; they could beat anybody on a given night. But of the bottom four teams it would obviously be a break for us to play anybody but Carolina because Carolina is our arch-rival."

North Carolina has a mediocre 13-12 record going into the tournament but owns some impressive wins. The four teams above the Heels in the pairings are all ranked and the Tar Heels could well be in the polls also.

"They have a good team," Yow said. "They are coming off a big win over ECU on ECU's home court. Almost all their wins are over ranked teams. Many of their losses have come against unranked teams. They have the best 13-12 record in the country.

"This is the finest Carolina team we've ever gone up against. Execution was a key for us in the first two games. We have to keep down the turnovers. We need to go to the free-throw line a lot and we have to hit the boards hard, particularly the offensive boards. These three things have been the key reasons we pulled out the first two games."

North Carolina possesses a great deal of height which could be a problem but hasn't bothered State in its previous two meetings.

"We give height in at least three positions," Yow said. "In the three, four and five positions we give height. We have to concentrate and have to do an excellent job boxing out and do a great job defensively and in positioning. The height difference is one reason this is such a tough game."

Since Yow has been at State the Tar Heels have only won one game in 17 meetings.

"The streak we have going — that's just a side effect," said Yow of the Wolfpack's 18-game winning streak over North Carolina. "We don't even think about it. It will have no bearing on this game. It's there and it's something people talk about, but it will have no effect from our point of view."

In other tournament pairings the No. 1 and No. 8 seeds play in the same bracket as State, while the No. 2 and No. 7 seeds and the No. 3 and No. 6 seeds play in the opposite bracket.

The tournament, now in its fourth year, has only had two

champions. Maryland defeated State for the first two crowns and the Pack turned the trick last year on the Terps.

"We're in the tough bracket," Yow said. "Clemson hasn't lost on its home court all year. The number four and five teams have a tough draw. We have to play well. We can do it but we have to start right off with the first game."

"In the past we have had a bye or beat the first-round team rather handily. This year we find ourselves in a tough situation with the toughest possible game."

State will be coming off a weekend in which it lost to nationally fourth-ranked Rutgers and downed Mercer in the final seconds after being 22 points down with 16 minutes left.

The Pack improved its national ranking from 15th to 13th and goes into the tournament with the 18th-, 16th- and 15th-ranked teams in Clemson, Virginia and Maryland.

Yow would like to see more of the type play State showed in the second half against Mercer.

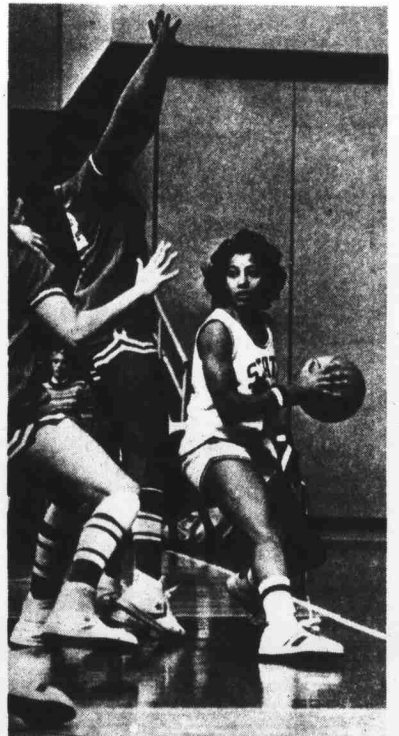
"That's the way I'd like to see us play against Carolina," Yow said. "I could soon get spoiled with that kind of play. A few more of those games and I could be hard to please."

The tournament brings no automatic post-season bid but has a lot of prestige. The emotions will still be high and the desire to win as great yet the pressure will not be as strong.

"The tournament's always meant a lot to us," Yow said. "The ACC Tournament in and of itself is a big thing. We always played hard and always wanted to be ACC Champions."

"We have to beat two ranked teams and our arch-rival to win this. To do that on back-to-back nights would say a lot about our team. Any team that has the character to come back 22 points in 16 minutes tells me they (State) have the character to win a tournament as tough as this one."

ACC Tournament — State-North Carolina. What Wolfpack fan could ask for more?



Staff photo by Simon Griffiths
Trudi Lacey drives the baseline. She will lead the Wolfpack women into the ACC Tournament against North Carolina.

Tar Heels trying to avoid sweep by State grapplers

by Devin Steele
Sports Writer

State's wrestling team may reach another milestone in its illustrious season Thursday night when it locks horns with North Carolina at 7:30 in Reynolds Coliseum.

The Pack will be looking to defeat its arch-rivals a second time this season, a feat that hasn't been accomplished since the 1977-78 season.

Based on the score from their earlier meeting, 29-9, which shook the Tar Heels' 13-match ACC win string, State should be on the winning side of the mat. But the young Heels have been on an upswing lately.

The 7-4 team from Chapel Hill has won its last five matches since its loss, with victories over East Carolina, Maryland, Duke, Old Dominion and Clemson.

North Carolina coach Bill Lam emphasizes that his team is young but should nevertheless put up a good front against nationally 13th-ranked State.

"We're awfully young this year," said Lam, whose Tar Heels are 4-1 in the ACC. "We've been doing okay within the conference, but we've had to win most of our matches in the heavyweight bout."

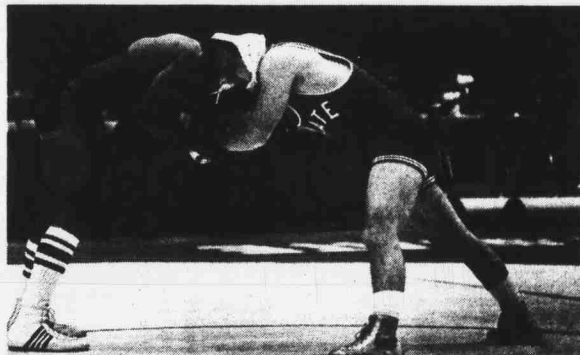
"Our young grapplers are continually improving as the

season progresses. I think it will be a very competitive match even though we don't have the potential that State does this year."

The experience in North Carolina's lineup is provided by defending 126-pound ACC champion Dave Cooke who is ranked fifth in the nation and 167-pound Jan Michaels.

"Jan has wrestled very well lately," Lam said. "He beat defending national champ Kevin Colabucci 8-6 when we wrestled Maryland. We may let him wrestle Reiss. It depends on how weigh-ins go. It would be an interesting situation."

"Dave has been doing an outstanding job too. His only



Staff photo by Clayton Brinkley
State wrestler Ricky Negrette is at a standoff with this Virginia Tech grappler.

loss this semester was to (State's) Chris Wentz. He's beaten two All-Americans this season."

State coach Bob Guzzo,

whose team is 10-1 overall and 4-0 in the conference, views the match as a big one for his team.

"Yes, it's certainly big,"

Guzzo said. "We're not going in there with our head too high for our shoulders. We expect a really tough match."

State fencers set to wipeout Devils

by Melody Burgess
Sports Writer

State's fencing team intends to exterminate Duke when the Wolfpack meets the Blue Devils in Durham.

"We expect to win pretty big," State coach Trish Mullins said. "Epee is their strongest weapon but they are still not stronger than we are."

When State met Duke Dec. 4 in Raleigh the Wolfpack dominated the match. The men whipped the the Blue Devils into submission 21-6, while the women also had a field day, winning 12-4.

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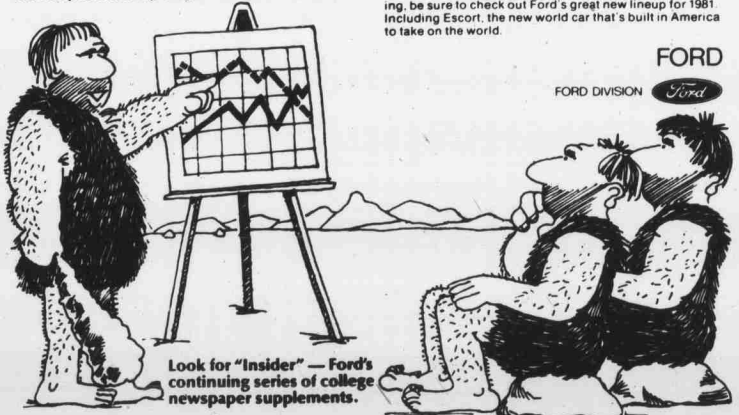
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Technician Opinion

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, is registered. It is the mouthpiece through which the students themselves talk. College life without its journal is blank.

— the Technician, vol. 1, no. 1, February 1, 1920

Child-care facility needed

All students at North Carolina State University are not under 30, live in a dorm or apartment with four roommates and survive on Hillsborough Street pizza and bagels. The trend these days is toward returning students — those who have been away from school working or raising a family.

Times are changing. But State hasn't quite been able to keep up with the changing times. Unfortunately for those students who chose to raise a family while they were away, State now has no facility to care for students' children.

We hope that with the University's and students' help a child-care facility will be opened soon. Funds are limited, but with a little imagination and determination we could take care of the young ones and gain a learning experience as well.

A committee studying the problem of opening a child-care facility is making a

positive endorsement of the possibility, head of the committee Carol Lynn McKnight told the Technician. (See page one news story). But student cooperation is a big part of the plan to open this kind of facility.

Initially, funds will be needed but the goal is to create a facility which will be self-supporting. Campus organizations, fraternities and sororities continually have functions to raise money for various charities outside of the University. Here is an opportunity to raise money for an organization on campus. If organizations would pledge a certain amount to the child-care center for operating expenses, perhaps the University would be able to initiate the program.

Individual students who cannot afford money can perhaps afford time. Contact McKnight at Cooperative Campus Ministries, Student Affairs or the School of Education.



Iran's moderates fight 'three blind mice'



Today one would be hard put to find a subject of less interest to Americans than the continuing domestic political turbulence that is consuming Iran. The 52 American hostages are home now, so as far as most Americans are concerned Iran can mud-slide back into the anarchistic political state that characterized the country prior to the seizure of the U.S. embassy. However, the embassy takeover was only one unfortunate chapter in the ongoing tragedy that is Iran's internal political situation — the story continues.

The release of the 52 Americans, especially the conditions behind their release, has shaken the already unsteady political leadership structure in Iran. It has further split the rival factions in Iran, which are split into even more competing factions. Left unchecked, and aggravated by external factors, the Iranian domestic-political situation may well degenerate further into institutionalized chaos.

Complementing Iran's political instability is the country's deteriorating economic situation. Iran's industrial capability is estimated to be currently operating at 30 percent of its capability and unemployment is estimated to be topping 40 percent. Thus Iran's adverse condition, especially in light of powerful and well-organized pro-Russian communist elements both inside and outside Iran, requires that the United States take a careful but hard look at Iran's situation.

In terms of popular support, the fundamentalist Islamic Republic Party is the most outwardly formidable political force competing in Iran today. The IRP, however, led as it is by Iran's three blind mice - Ayatollah Beheshti, Prime Minister Rajai and Parliamentary Speaker Rafsanjani — is a naive, often-divided collection of political neophytes.

Their continuing efforts at inflicting seventh-century Koranic law on a 20th century nation have driven the country to the brink of despair. Along with the on-again-off-again support of Ayatollah Khomeini, the leadership of the IRP has proven to be an assortment of anachronistic xenophobes, who with consistent incompetence, have prevented the Iranian revolution from pursuing what could have been a constructive course. The result has been ecclesiastical chaos.

Popular among the students and the intelligentsia, the People's Mojahedin also tries to get into the act. The Mojahedin seeks to perform an ideological juggling act of combining socialist-economic egalitarianism with Islamic socio-political principles. Thus, while traveling light ideologically, the Mojahedin believe they can sit on both sides of the fence.

Poised against these two rather unsophisticated fanciful groups is the pro-Soviet communist Tudeh party which includes, for all intents and purposes, the Marxist idealists of the Fadayan-e-Khalq, the Tudeh, and to a lesser extent the Fadayan, represent a well-organized, well-armed and experienced communist guerrilla movement in Iran. Trained and financed by the Soviet Union, the communists of the Tudeh party have for the most part spent their political lives underground, first under the shah and to some extent with the Khomeini government.

As proxies for the Soviet Union, the Iranian communists have been held to the periphery of Iranian politics. They assimilated themselves into the general anti-shah movement and when the shah fell the communists sought unsuccessfully to form a united front with the Islamic forces. Deprived of any significant political role in Khomeini's government, the Iranian communists have until recently resorted to a watch-and-wait policy — aware that Iran's political and economic problems may well suit their purposes.

These Iranian communists are little more than Russian stooges but a look at the history of communist takeovers of national governments will reveal that in the Soviet Union,

eastern Europe, Southeast Asia, etc., initially small but well-armed and well-organized communist groups were able to eliminate their opposition and seize power.

The Soviet Union can be counted on to aggravate Iran's domestic political turmoil, so as to provide the best conditions for its supporters to gain power. Soviet intentions for Iran are the same today as they were 40 years ago when Soviet Foreign Minister Vyacheslav Molotov told Nazi Foreign Minister Joachim von Ribbentrop in November 1940 that, "The territorial aspirations of the Soviet Union lie south of Soviet territory in the direction of the Persian Gulf."

Present American policy should be to offer discreet support for the moderates in Iran led by President Abdhassan Banisadr. At the same time we must be mindful that any American support for Banisadr will be seized upon by his opponents as evidence of his collusion with the still unpopular Americans. One might suspect that the United States purposely negotiated the hostage release with the clerical elements of the Iranian government to prevent compromising the moderates in the post-hostage period.

The subsequent call by Banisadr forces for an investigation into the clergy's involvement in the hostage-release deal can thus be seen as an effort by Banisadr to isolate his opposition and consolidate his position in the Iranian government. Likewise, the U.S. decision not to supply Iran with American-made weapons they had ordered may well have been a short-term effort at preventing the appearance of re-identification and association of the Iranian president with the United States. Of course the negative repercussions on our Arab friends of a U.S. military resupply of Iran was probably an equally important priority.

Banisadr has gained popularity in Iran for his leadership in the continuing war with Iraq. Let's hope Banisadr's increasing political popularity will put him in a position to resolve the conflict with Iraq, set the stage for Iran's economic recovery and deal with Iran's immediate and long-term political problems.

(Senior Lee Roazakis is a history and political science major and writes a bi-weekly column on international affairs for the Technician.)

forum

All of us might be happier about our newspapers and our broadcasting if we worked harder at that old American custom of speaking up, of dissenting, even applauding, but, above all, of being heard — and counted. — Vincent S. Jones

UNC-CH all washed up

Seldom have I ever written a letter to the Technician. In fact the only other time was a few years back to thank you for supporting your Wolfpack swimming teams.

Actually that's why I'm writing you now — asking you again for your support. You see, this Saturday, Feb. 14, our friends from Chapel Hill come visiting.

Over the years this has been no big event in women's swimming because we have won by large margins. But they had a women's team before we did and have inflicted one of the five losses our women have suffered in the six years we have had women's swimming. Our women's meets have always been close except for the one loss.

Last year in Chapel Hill the women's meet went to the last event and the Red and White won in a close one. The Tar Heel men shaved for the dual meet and stopped the Pack's consecutive ACC dual meet string at 57.

The sun doesn't shine on the same dog's fanny forever. It wasn't the loss that bothered us as much as the way things were done. The fact that they shaved their bodies (something reserved for ACC and national championships) caused them to win. Shaving the body hair allows you to go through the water faster.

The following week we shaved and won our 10th consecutive ACC crown and our women won the only two ACC titles that have been held. The shaving didn't bother us, it just made us swim harder. But we lost on the last race. Shaving is up to the coach's priority of importance. To us it is the ACC's — always will be.

What bothered us was the fact that before the meet their men swimmers pulled down our team banners and signs and threw them on the floor. Our team put them back up and they did it again. We put them up again and after the meet they pulled them down, threw them on the pool deck and spit on them.

You can be sure that Pack swimmers will never do anything such as that. We do our talking in the water and on the spring boards.

So I'm writing you asking you to support the Pack swimmers this Saturday — women at 1 p.m. and men at 3:30 p.m. Come and fill up the pool with red-and-white folks. A lot of ex-swimmers, including some Olympic and All-America swimmers will return for this one.

Be courteous to our visitors and show them the class that red champions exhibit. Pack swimmers will do the rest.

Don Easterling
Head Swimming Coach

We do more

In reference to the comments of the Assistant to the Vice Chancellor of Food Services Art White in the article "Law allows discrepancy in wages of employees" by Roy Lucas in the Feb. 2 Technician, I would like to point out a few things to keep the records straight. We students at the information desk on the second floor of the Student Center do a little more than answer phones, although we do that too.

For example, on a Tuesday last October we kept a record of the number of phone calls we received from 10 a.m. - 5 p.m. On the average we answered 85-90 calls per hour with as many as 123 per hour. We also do all the setups in the building. That may mean setting up 30 chairs in the green room or setting up a dinner for 624 in the ballroom.

This includes setting up the stages for speakers at the dinners in the ballroom. The pages also set the sound systems and lighting for all events in the ballroom.

We lock and unlock the building — that means that Food Services can't open up without us to open the doors and the safe. Food service could not have any banquets if we did not setup the tables and chairs.

The University thinks we are responsible enough to be given keys to the building and the combination to the second-floor safe. We are responsible enough to carry more than \$1,000 to and from the bank. Those of us who work here also work some rough hours — from 6:45 a.m. until whenever the late movies are over and everyone has left the building.

We do all of this and much more but do it so efficiently and quietly that no one notices. Food Services in particular causes us a few headaches by changing its mind at the last minute about what it wants, but we continue to give low-key, efficient service.

We do this for \$3.10 an hour not because we are incompetent, not because we do nothing but answer phones or watch doors, but because that is the amount of money allocated by the Administrative Council at the beginning of this fiscal year (last July) and we are content to continue where we are until our raises come this July. In the meantime we appreciate the support of all the other student employees who are getting \$3.10 — Stewart Theatre, games room, newsstand and Students' Supply Store.

W.B. "Ben" Liles
SR GYA
John Branch
SR ME
Judy K. Foss
SP UGS
Jart Hudson
SR LEB



N.C. Senator Jesse Helms votes yes?

Liberals were slightly shocked to hear Senator Spark M. Matsunaga, D-Hawaii, say following the Senate vote on raising the national debt, "I understand we have a new liberal senator from North Carolina."

Matsunaga was referring to Jesse Helms (R.-N.C.) after Helms voted in favor of raising the level of national debt. Helms wasn't alone as conservative Republicans in the Senate were forced to vote for something they detest. As fellow arch-conservative Orrin K. Hatch of Utah said, "I'm going to hold my nose as hard as I can and vote for it."

For years Republicans voted against any increase in the debt but were forced to vote in favor of this increase. Democrats had

threatened to vote against it unless a clear majority of Republicans voted in favor.

Had the debt not been raised the government would find itself unable to pay its employees or write checks. President Ronald Reagan must feel awkward asking for an increase in the debt ceiling since he and many other Republicans chastised Democrats for increasing the debt.

In a strange turn of events Senator John East voted against the measure, splitting with his patriarch Helms. East showed his ignorance of how Washington works when he said one could not compare Helms' vote with former North Carolina Democratic Senator Robert Morgan's past votes in favor of debt increases. What East fails to realize is that Morgan like Helms had no choice in how he voted because unless he voted for the increase the government would cease to function.

What is really surprising is that East voted against the bill. East said he felt compelled to vote negatively because he had criticized Morgan for voting in favor of past increases.

Maybe Helms will teach East that sometimes even a senator who usually votes

against everything, as Helms does, must sometimes vote with the president in order to get some programs passed. Perhaps with his latest vote, Helms has signalled the administration that he will no longer be the "Senator No" he has often been called.

Unless Reagan can do the impossible — cut expenditures and increase revenues — he will have the honor of asking for another increase in the ceiling, pushing the debt over one trillion dollars — a first for the United States and a first that Reagan surely doesn't want for his presidency.

In the mean time, Helms said he voted for the increase because Reagan promised him he would not ask for another increase. East voted against the increase because he criticized Morgan for voting for past increases. One wonders if Helms and East will help Reagan work the wonders he claims he can or if they will continue to be the great negative influences of the Senate that has earned Helms the "no" vote reputation.

(Tom Carrigan is a sophomore in economics and writes a bi-weekly political column for the Technician.)

Technician masthead and staff list including Editor-in-Chief, News Editor, Sports Editor, etc.