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Friday, February 2, 1979

HEW mulls over treaty proposal

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Decision on a study submitted by the University of North Carolina Board of iovernors concerning \$89 million of detral funding for the UNC school system is expected to be made by

federal saystem is expected to be assystem is expected to be all the study concerns the elimination of duplicate programs at black and white campuses in the same geograph-

ical area.

This past week Chancellor Joab
Thomas offered comment on HEW's
handling of the study.

"I'd be surprised if it were accepted,"
Thomas said in a telephone interview.
"I feel this way because the UNC
system has made no concessions to
HEW concerning the duplication of
programs."

HEW concerning the duplication of programs."
President William Friday and the Board of Governors have consistently opposed merger or a substantial shift of programs for racial purposes. The submitted study essentially informs HEW that UNC will not close, merge or shift any duplicated programs to promote desegregation.
HEW has suggested that NCSU and INNCCH both predominantly white

HEW has suggested that NGSU and UNC-CH, both predominantly white universities, and N.C. Central, a predominantly black institution, eliminate duplicate programs because of their close proximity. This, HEW feels, will increase the amount of minorities at the white schools and the amount of whites at N.C. Central at the white schools and whites at N.C. Central.

"These changes HEW suggests are unsound educationally and there is no positive assurance that they will work, "Thomas said. "For example, the business schools at N.C. Central and at NCSU are both full.
"To close down one of the business

NCSU are both full.

"To close down one of the business programs would result in fewer opportunities for students to get the degree in business that they wanted. Also basic fundamental courses of study such as English and math are very necessary at more than one school and to do away with them would be riddenlyse."

"Because of an absence of pupil assignment it is hard to adjust percentages here," Thomas said. "Students voluntarily decide where they want to attend college."

If the study is rejected, over \$89 million of federal aid would be cut off from the UNC system. Of this \$89 million, approximately \$20 million would be cut off from NCSU.

It is not HEW's intention, however, to cut off all federal aid. Aid to students would not be cut off and it is this point which Chancellor Thomas finds inconsistent.

"They cannot be programatic in their fund cutting. It's all or nothing. I would like to see HEW try to demonstrate non-compliance with each program," he argued. "This would mean HEW would have to find the Agrieulural Extension Service in non-compliance and then the Chemistry department, etc. cutting off any funds."

The UNC system plans to contest the ecision in the U.S. Middle District

The UNC system plans to contest the decision in the U.S. Middle District Court in North Carolina if the study is rejected. The court proceedings may take months.

HEW's approval of the Virginia college desegration plan, which was also under fire from HEW, is said not to be indicative of its decision in the UNC case.

There is speculation that the UNC system may be made an example of in the courts. This is due to the fact that the UNC system has a central higher educational board, an easier target than Virginia's colleges and universities which have separate boards of vistors. These separate boards of vistors. These separate boards of vistors. These separate boards of vistors take care of all the policymaking and admissions at the individual schoolas.

individual schools.

Although the study was submitted to HEW December 15, and HEW was to announce its decision in 90 days, Califano may not make a decision concerning the matter until the clamor of the recent report on tobacco smoking dies down, according to UNC

ROTC reviews options

New draft discussed

As enrollment in the all-volunteer U.S. military has declined drastically in the past five years, a movement is underway to reinstate the draft. Air Force Major Mike Curran of State's Reserve Officers Training Corps (ROTC), however, says compulsory service for all would be a better plan. "My personal feeling is before a draft would be reinstated, I would be more in favor of compulsory service for everyone. Flat across the board, no exceptions. And that would be in whatever anyone wanted to serve in," Curran said, naming social work and the conservation corps as possible alternatives.

alternatives.
"The main reason I would be for compulsory service is that it is fair and

equitable whereas the draft with its many categories tended to favor higher social classes, i.e. those that could afford to go to college.

"The Air Force has never had a draft whenever conscription was in," he noted. "The reason they never drafted was that it was more technically oriented with training you could use later in life. People, rather than be, drafted by the Army, would choose the Air Force or the Navy."

Curran said that also during the 1960's, people stayed in college just to avoid the draft.

"There's nothing wrong with going on it (the armed services). It is a tremendous atmosphere for maturing because you're self-sufficient. No family or friends to fall back on. When (See "Alternatives," page two)



Plop-plop, fizz-fizz

Anybody know where the restroom is?? Junior here strikes a pose with the Strot in the aftermath of an all-nighter out with the boys. State will attempt to match the efforts of this woefully crocked canine in the first annual All-Nighter, which beging at 5 pm today in the Student Center.

Caldwell lauds student leaders

Former State Chancellor John T. Caldwell commended the University of North Carolina Association of Student Government Wednesday on their efforts to work within the system of government for the betterment of their campuses and the university system in general.

"You have put yourselves in a position to help your institution," he said following a banquet at the McKimmon Center.

Activities during the program included the presentation of the association's platform on four key issues.

Caldwell, who teaches a course in the

issues.

Caldwell, who teaches a course in the politics of higher education at State, said there are a number of issues facing public higher education in North Carolina.

"We still have elitist ideas," Caldwell said, adding that it is an ideal of earned elitism and not an elitism of inherited characteristics.
"We need this elitism, to pierce the ordinary and push the human mind toward a higher ideal," he said.
Caldwell expressed his feelings on the proposed increase in tuition, saying

"I've always believed in no tuition for higher education. It is the duty of society to provide higher education for those qualified."

Caldwell said that no increase in expenditure is expected and added that the legislature wants "to substitute money from taxpayers" pockets with dollars from students pockets." "We ought to have in all institutions, and certainly in public-supported institutions, an opportunity for people from all economic levels and walks of life to attend class and to go to school together." Caldwell said.

He added that the state constitution says the state-supported institutions should be "as free as possible from expense."

should be as aree expense."

Caldwell also spoke out against state aid to private institutions. He said the private universities had distributed deliberately misleading information. "We don't say the State of North Carolina subsidizes grade school or high school education," he said.

we cont say the State of North Carolina subsidizes grade school or high school education," he said. Caldwell added colleges should not serve a private purpose, saying that the state is "supporting a great public enterprise for the benefit of civiliza-tion".

He said the state universities are accountable for every penny they request, whereas the private schools are not accountable for any of the state provided money.

"I concede that we have got to be accountable to the taxpayers." Caldwell said. "An institution that doesn't want to do so has no right to ask for funds."

He said the universities have always cherished their autonomy, and have always resisted efforts to impose unnecessary controls on their activi-

(See "Association," page two)

Although it is a well-needed service, State's traffic appeals system has also worked its way into being somewhat of a nuisance, according to Attorney General Andy Carmen.
"This is a tremendous service for the University we provide," said Carmen. "But it has become a burden in some ways, too, because of the vast amount of appeals. However, it is'a service that we need, should be run by students, and should be in the judical office. "It is crowded, but we will continue to provide it as far as I'm concerned. If it ceases to exist, it will be because people have abused it, not because it is full,' he added.

Carmen is in overall control of the

cui, ne added.

Carmen is in overall control of the judicial office, but Executive Assistant to the Attorney General Mark Calloway is directly in charge of traffic appeals.

Calloway agrees that the service is a good and needed one, but he is also greatly stunned at the rapidly increasing numbers of appeals.

Because of the parking problem on the State campus and an increase of student awareness of the judicial system's services, parking ticket appeals have recently approached overwhelming numbers, he said.

"Let me put it this way," said Calloway. "Appeals of another secre-tary to handle the work load. "We already had one working with appeals, but the Transportation De-partment had to give us another. The appeals system is a service for that

Appeals system often overused

department anyway and it was glad to help us out."

Calloway has been working in the Attorney General's office for just about a year, when he first got started last year, he said that he was handling about 30 appeals per week. After what he calls a "steady increase," the number of appeals he handles has risen to about 60 and sometimes as high as 90 per week.

Last semester alone he plowed his way through about 55 to 900 appeals.

Last semester alone he plowed his way through about 850 to 900 appeals.

Calloway and his colleague for appeals work. Jim Adams, administrative assistant to the Attorney General, said that the sharp incline in their appeals intake could be the result of several possibilities.

"There is definitely a parking problem on the State campus and the parking decals are oversold too," said Calloway. "That has been and is now a problem. Also, students are finding out

(See "Students," page two)

Ice storm worse

Snow causes no big trouble

by Jeffrey Jobe Staff Writer

Staff Writer

Snowballs flew and classes went on as usual as Raleigh's first snowstorm of the winter deposited high an inch of snow on campus.

Unlike the ice storm a few weeks past, no rash of injuries occured and no campus power outages resulted.

"As far as I know, we didn't have any fender-benders," said James Cunningham, Security Director. "Nor were there any serious accidents.

"There was one person who fell and we took him to the infirmary," Cunningham, said. "We were very lucky that it did not stick."

Cunningham, who came to State from New York severals, months ago, said that he is accustomed to more snow than customarily falls here.

"It's a lot less than where I come from, I understand that snow is rare

here and that most accidents occur because the people are not used to driving in it," he said.

Doris Whitehouse of Clark Infirmary said that there were not any storm-related injuries reported there. "We had our normal accidents on Wednesday, like people falling while running or riding a bike," Whitehouse said. "While we didn't have any accidents because of the snow, we had a lot of accidents the other week during the ice storm."

The Physical Plant experienced no difficulties because of the snow storm, according to Stan West, director of operations.
"It was pretty falling, but it didn't stick or turn to ice," West said.
The Physical Plant has a chemical

salt mixture called Thawz.it that is sprinkled by employees on icy spots. The building maintenance people sprinkle the chemical on the entrances to the building if it is icy. The landscape services personnel take care of the roads and main sidewalks.

sidewalks."

Energy consumption Wednesday
was normal since the temperature was
not very low. "I expect more energy
consumption Thursday night and
Friday night because of the extremely
cold temperatures," West said.

Southern Bell Telephone Company and Carolina Power and Light Company reported that there was no trouble with their lines, contrasting the problems during the recent ice storm.

Funds set for Schorr visit

Approval of three finance bills totalling \$4300 was the highlight of Tuesday's Stu-dent Senate meeting, during which a Student Body Con-stitutional amendment and

which a Student Body Constitutional amendment and two additional resolutions were accepted.

The largest finance bill passed was \$3000 to support the visit of former CBS news correspondent Daniel Schorr to State. Schorr, who will lecture in the upcoming 1984 symposium, will arrive in Raleigh Monday.

The bill was questioned by at Mulkey who said an mendment should be added stating that the Senate is not advocating Schorr's views by sponsoring his

visit.
"Since this symposium deal with the subject of the book "1984", I believe we should get an expert in the area—a political scientist, perhaps, not someone with partisan views like Mr. Schorr," Mulkey said. "Wa-

tergate is over, and it's time for us to forget it."
Robert E. Lee, student body treasurer and sponsor of the bill, said in reply that funding Schorr's visit does not constitute an endorsement and no statement to that regard was needed. Mulkey's amendment was, defeated and the bill passed as originally presented.

Amendment passed
Also passed by the Senate
was a constitutional amendment changing the number
of senators required to
override a veto by the
student body president from
a simple majority to threefifths. Lee, co-sponsorer of
the bill, said it would serve
to strengthen the veto.

Before being enacted, the
amendment must be passed
by the student body in a
referendum, to be held
during general elections.
Dates for the elections will
be published in next week's
Technician.

was a bill to add \$500 to the Sports Club trust fund. The fund was recently established when the Athleise Dept. and the alumni association agreed to contribute monies to fund State's sports clubs.

John Shirley, a senator, spoke against the allocation saying, "It seems queer to me to put money in the fund at this point, since we've already denied a similar request (to sports clubs)." Lee said, though, that the allocation was a proper show of support for the fund which was started at the request of Student Government.

The measure passed after

request of Student ment.

The measure passed after a division of the house vote. Between 20 and 25 senators opposed the bill.

The proposal by Senate President Nick Stratas to reactivate funding to the Legal Defense Corporation was also passed. The senate allocated \$700 to the corporation, or which all students are members.

Senate included one intro-duced by Mulkey which called for assurance by the administration that suffi-cient parking facilities should be assured before any new construction of buildings are undertaken. Also, the senate passed a resolution against testing during the week prior to final exams.

"We've been working on "We've been working on this issue for some time," Stratas said. "I'm hopeful that this measure will be agreed on by the faculty senate without a long delay."

Stratas also announced the appointment of Charlotte Fox, Fr., Ag, and Life, to the vacant senate seat.

The Technician has learned that Joseph Doolan, Gr. TC, Fritz Weaver, Gr. WPS, and Kevin-Schaffer, Gr. TC will be installed at the next meeting of the senate.



as nothing to break out the skis over, Wednesday's brief snow flurry was the first of the year for Releigh and de toh of the frozen flakes before giving way to the afternoon sun. Chilly temperatures and more precipitation in for the weekend (See page 3 for the Groundhog Day forecast).

Students overuse traffic appeals system

the appeals system all the time.

Parking publicity is a cause for that happening.
"But perhaps the biggest reason for the increase, the one I feel like is the best answer, is the increase in numbers of tickets that have been handed out. There is a tremendous number written. Now the campus has student ticket writers that it didn't used to have."
Calloway said that the rules and regulations for parking on campus are clear and are available for students to learn about.

payment entirely, not stable arguments for dismissal of the ticket.

To appeal a ticket, one must first full out a form with background information and reasons for the appeal. Recently Calloway said he has "caught" many people supplying him with false information when they were worthy of their ticket. Those cases, he says, are not valid.

"Sometimes someone will tell you he had a second sometimes of the says are not valid.

not valid.

"Sometimes someone will tell you he had a temporary pass on the day he was ticketed for not having a deeal, but we may check the Transportation Department and it tells us that person did not have a pass," said Calloway.

"We are cracking down on things like that We are croiver to seed some aponle.

"If people would read the rules and regulations for parking on campus," Calloway continued, "then it would cut out a lot of the appeals.
"If someone is parked in an 'S' lot, for instance, and they have an 'R' sticker, then I'm sorry. He will get a ticket and he should not have parked there."

25 percent heard

25 percent heard

He said the two main reasons for ticketing are parking with no decal and parking in an unauthorized lot—laving the wrong decal for a certain lot.
With the number of appeals increasing all the time, the total number that actually get heard is about 25 percent. The other 75 percent are rejected from the start.

and that "extenuating circumstances" are involved, they pass the case on to the Traffic Panel, which meets about twice a month and handles about 25 cases per meeting.

The panel is composed of two student members of the Judicial Board and two staff or faculty members. Only three members of the panel hear each case, however, two students for a student's case and two University staffers for other cases.

Calloway also sits in on the panel decisions, casting tie-breaking votes. To gain an appeal, each case must receive three votes of sustainment. When a vote is two to one, Calloway steps in to cast his vote, possibly pushing the decision in favor of the ticketed driver.

If the decision to appeal is denied. Calloway said "virtually all routes of appeal have been exhausted." However, Director of Transportation Molly Pipes has the final word on all the panel's decisions. Calloway, though, said that Pipes has "faith in the system" and that she usually "goes with the board's ruling."

About 65 percent of the appeals that do reach the panel are sustained. Calloway said. He attributed that statistic to a prior knowledge of what the board usually approves and does not approve.

"We send on the cases that we feel have the best chances to be sustained,"

"We send on the cases that we feel have the best chances to be sustained," said Calloway. "We know pretty much how the cases will come out; I feel like we are just saving time for a lot of the people who appeal. We go by past decisions by the panel, but the campus rules and regulations are our Bible. They are very clear."

Alternatives to draft discussed

the draft was in, you almost had to kick them out of school," he said.

"I think the armed forces branch that has been most affected has been the Army. It has a difficult time being a springboard for civilian occupations. A man can come in here and get training seni naircraft mechanics, electronics, avionics, and fit right into a civilian their hands of the said. The said that a continuous here at State in the Army ROTC program as a result of the draft. He said that ROTC enrollment has declined in recent years, but attributed much of the decrease to the lifting of mandatory ROTC in 1968. One of the carly requirements of land grant universities like State was a mandatory ROTC program for all male students.

"There was still an angle in being in

students.
"There was still an angle in being in ROTC because you were deferred from the draft," Kehoe continued. "So the numbers lessened somewhat, but not

"Then at the time the draft was abolished, there was no compelling need to get in ROTC except becoming an army officer and serving the country."

country."

Curran said that AFROTC has also had a decline in recruits.

"During the Vietnam situation, ROTC for some reason was significant least a manufacture of the significant least lea

Said.

Curran had a chart that showed that the number of AFROTC cadets had decreased nationwide by about one-third in the last ten years.

Both Kehoe and Curran, however, stressed that ROTC is not intended to take the place of the draft or to prepare people for actual combat duty. Instead, the ROTC program prepares them for management and leadership positions.

"We're more interested in their well-rounded education and leadership-management training." Kehoe said. They do take a physical fitness test. They have to pass it before they can go to Officers Basic Course. They go to ROTC advanced camp at Fort Bragg for six weeks between their junior and senior year.
"The Officers Basic Course prepares them for that specialty job. It gives the hardware, the technical type of training," he explained. "Whereas here, we're more interested in the leadership and management than in the technical field."
AFROTC has a similar program.

technical field."

AFROTC has a similar program.

"Our courses here in the freshman
and sophomore level are survey
courses." Curran said. "They give you
an idea of what the service is, what the
different commands in the air force are,
what kind of careers you could have in
the Air Force once you have your
degree.

tion with a history of the Air Force, not only in wars but in the many humanitarian efforts the Air Force has participated in. The junior year is management and leadership.

"The seniors look at the political affairs, foreign relations-type things. These courses count as free electives for students," he said.

In case of a national emergency, Curran said. "They are as prepared as any citizen soldier, but the training isn't sufficient so that you could take over. The Air Force is technically oriented. It takes time to get someone to where he could function."

Curran noted that there were many advantages in being in the Air Force, especially as an officer.

"The progression is so much better as an officer. We run a tremendous amount of commissioning programs; not just for those in ROTC, but for enlisted men.

"After you get out of AFROTC, you

years.
"The military was the only white-collar occupation that showed an actual sincrease of take-home pay in the last ten years," Curran said. "There was a 10 percent increase in real pay subtracting increases in taxes and inflation."

Minimum wages set

On July 26, 1978, the Administrative Council approved four levels of minimum wages for non work study students. These rates will remain in effect until June 30, 1979.

The level rate is \$2.65, level 2 is \$2.85, level 3 is \$3.05, and level 4 is \$3.30 per hour.

The recent increase in the federal minimum wage does not affect the

minimum wage rates at State. On June 24, 1976, the U.S. Supreme Court ruled that the extension of the Fair Labor Standards Act to state and local governments was uncnstitutional.

Students with any questions should contact Bob Bryant at 737-2137.

Association platform set on four major issues

Caldwell told the crowd that fiscal responsibility is important. "When we get careless we are wasting some little woman's pennies, nickels, and dimes,"

woman's pennies, nickels, and univer, he said.

He lauded the work of the UNC Board of Governors, saying it is set up as the governing body of the consolidated university.

He added the board is also a trustee of the concept of learning freely and of teaching. "They are trustees of the intellect, the most precious of man's possessions," he said.

Caldwell then reminded the mem-

[Continued from page 1]

intellect, the most possessions," he said.

Caldwell then reminded the members of the UNCASG that they are in a position where they can influence the actions of the N.C. legislature.

Following Caldwell's speech, State

crier

PACE AVAILABLE in Lou ourse, Eliminating Self-Defeat-ing Behavior. Emphasis on ersonal growth and challenging rrational thinking. Eigh-ues.'s, 4:00-5:30 p.m. Call Dr. urnbull, 737-2563.

(Average per day

ALTERNATIVE TIMES for the discussion group on Nancy Friday's book My Mother/Myself

Student Body President Tom Hendrickson read several resolutions to the group, which represented its stand on four current issues.

The first resolution concerned the conclave's opposition to a tuition increase for UNC students.

The second opposed public aid to private institutions.

The third was a resolution to allow state legislators to serve on boards of trustees. State legislators can presently serve on the governing boards of private institutions but not on trustee boards of public colleges.

The fourth Resolution concerns the sale of beer and wine on campus. It would modify G.S. 18a-40 to allow the sale of these beverages at places on campus and times approved by the Board of Governors.

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Nonwhites' life gains up

tant.

From their findings, Dixon said that mortality plays an important role in both the quantity and the quality of a population.

oppulation.

"The growth or decline of a population during any given period of time is determined by the balance of additions through birth and in-migrations and subtractions by

deaths and our mag-said Dixon.

She added that, ordinarily, mortality is less important than fertility as a primary factor in population change, but is more important than migration in producing changes in large population aggregates.

Dixon said the examina-tion of mortality differentials is important for two reasons: humanitarian and practical. "If some segments of a population have achieved very low death rates, it should be possible for other groups to achieve the same low death rates," she said.

In other words, specifying mortality differentials indi-cates which groups have the mortality differentials indi-cates which groups have the advantage over other groups regarding their life chances. That is, mortality differ-entials identify the "high-risk" groups in a population on whom research and remedial action programs should be concentrated. Dixon noted that the most

Dixon noted that the most studing feature of mortality trends in the 15th and North Carolina is the rather consistent manner in which the rate has fallen since the turn of the century.

In the U.S., the total resident population grew from 105.7 million in 1920 to 213.6 million in 1975. The percentage of whites in the population increased slightly from 89.7 percent in 1920 to 89.8 percent in 1940 and has since declined to 86.9 percent in 1975.

The relative number of nonwhites in the U.S. has remained fairly stable from 1920 to the present.

In North Carolina the total

In North Carolina the total population increased from 2.6 million in 1920 to 5.5 million in 1975. The percentage of nonwhites in the population of North Carolina has remained higher than that for the country as a whole, but showed a continuous decline from 30.8 percent in 1920 to 23.6 in 1975, Dixon gaid.

Money Negrees

Nonwhite patterns of mortality refer essentially to Negroes, since they represent the overwhelming majority of the nonwhite population.

However, if Negroes are separated from the non-white category, they would exhibit even higher mortality rates than the total non-white population.

ity rates than the total non-white population.

Dixon said that in both the
U.S. and North Carolina,
nonwhite mortality has been consistently higher than
white mortality.

"The differential in whitenonwhite mortality has generally been greater in
North Carolina than in the
country as a whole," added
Dixon.

She said the discountry as a whole,"

She said she discovered in examining detailed age-specific death rates that the mortality gap between whites and nonwhites has

"A better-known summary measure of mortality is life expectancy at birth. It represents the average number of years newborn infants may be expected to live under the schedule of age-specific mortality in effect at the time period under consideration," Dixon stated

She added that the average life span at birth for each racial group in both the U.S. and North Carolina has increased significantly during the twentieth century. In conducting the research for the mental than the conduction of t

100,000 live births.

Dixon also discovered that much loss of potential life occurs as a result of fetal death rate is defined as hendred to live birth. The fetal death rate is defined as henumber of fetal deaths reported in a year per 1,000 live births plus fetal deaths. Infant mortality rates are often used in gauging the well-being of populations. Due to the very high level of mortality in early weeks of life, and the difference in the causes of infant deaths, they are conventionally "broken-up" into those covering the first month and those for the remainder of the year.

remainder of the year.

"A significant reduction in maternal, fetal, and infant mortality has occurred in the last fifty years among nonwhites as well as whites," Dixon added.

Dixon also discovered that many factors affect statistical trends in mortality by cause. "A major health accomplishment in this country has been a marked

Some, including tubercu-losis, diphtheria, acute polio-myelitis, syphilis and its sequelae, dysentry, measles, typhoid fever, and whooping cough, have almost disapes of death.

peared as causes of death.

"Of these communicable
diseases, only tuberculosis
currently has a mortality
rate over 0.4 per 100.00
population for either racing
roup in both the U.S. and
North Carolina, "said Dixon.
She added that influenza
and pneumonia have become
increasingly more important
than tuberculosis in cause of
death from communicable

"Diseases of the cardio-vascular-renal system are the major cause of death for both the white and nonwhite opulations," Dixon said. With the decline of the

With the decline of the total death rate, this group of diseases has assumed increasing importance. Non-white mortality has been consistently higher than white mortality due to major cardiovascular-renal diseases, but the relative position of nonwhites has improved.

"The second leading cause of death for both the white and nonwhite populations is malignant neoplasm," Dixon

In the U.S. from 1940 to 1975, the rate of deaths due been around 125 per 100,000
white individuals and has
increased from 100 to 155 per
100,000 nonwhite indi-

mortality due to motor vehicle accidents occurred from 1970 to 1975.

"An importnat factor contributing to this decline is the 55-mile-per-hour speed limit on the nation's highways," Dixon said. "With a few exceptions, mortality from this cause has been higher for the nonwhite than for the white population."

white population."

She added that homicide and suicide are less important numerically as causes of death for all races. However, suicide is a greater hazard among the white population, with rates between two and three times higher than the nonwhite rates.

"Over the years in both

"Over the years in both the U.S. and North Carolina,

the U.S. and North Carolina, nonwhite mortality has been consistently higher than white mortality. This differential has generally been greated in North Carolina than in the country as a whole." Dixon said.

Factors considered for the research were: hereditary factors; distribution and ayailability of medical facilities and health services; socioeconomic factors that affect the utilization of available medical and health services; personal motits services; personal motits services; personal motits

Weather forecast

Friday Saturday 30-34°F

Forecasters: Brian Eder, Mark Shipman, Mike Moss, John Hart, and Russ Bullock of the NCSU Student Chapter of the American Meteorological Society.

Author Edward Albee

'Angry poet' unleashes tongue

ential is small," concluded Dixon.

Dixon, a master's candi-date in State's sociology department, said that con-cluding the research was an

Edward Albee, author of the famed "Who's Afraid of Virginia Woolf," says that pacification of oneself has led many Americans onto a path

In an interview Monday afternoon, Albee, who lectured in Stewart Theatre the same night, said that

or no mental stimulation.
"Life is suppose to be alive.
It should be exciting, vital, and dangerous. There are too many people who prefer to go through life unconscious. Perhaps it is because they have become aware of too much reality," he said.

Albee views commercial

much reality," he said.

Albee views commercial television as a pool of intellectual stagnation. 'I think the TV has turned people's minds into corneal. It has no respect for the mind. Sexual violence is obscene—the anti-intellectual approach of TV is obscene." he said.

UAB & IRC

CONTESTS

MOVIES

'HOT WAX"

CAFE SPECIALS

"Commercials are the intellectual parts. I think it would be more interesting if they made two or three hours of them," he said.

In many of Albee's plays lack of communication is the recurring theme. He sees the American way of life in turmoil because there has been a breakdown of simple communication.

been a breakdown of simple communication.

"Everyone's in the illusion of communication. There are a lot of people in therapy sessions that don't need it." Albee said. He believes that simple communication is the key to unlock doors, and that therapy should first meet the needs of the seriously ill.

Albee is currently touring the United States with six of his one-act plays directed by himself. Understanding the complexity of his plays, Albee said they should be directed clearly and simply for the audience to best grasp them.

"My job as director is to

ALL-NIGHTER

or the audience may not be capable of understanding them. I wish to think it's the latter," he said.

Critics have called Albee the "angry playwright," a term he says stems from a conference he had with critics during the early sixties. Albee said that he explained the meaning of the policy "Tiny Alice" to the critics so they could inform the public, and the critics said couldn't understand the play.

said couldn't understand the play.

"I still don't think there are enough good critics who can really tell what plays are all about. Most are knownothings," he said.

Aibee commented on his skills as a playwright. "People come to see my plays because they think I may have something to say. Some think that if it disturbs them, it's not entertainment.

don't write to make people sleep; I want to make them aware of themselves. Happi-ness comes from being aware of being alive. How can you understand joy without

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ID & registration must be must be pre-

said.

Albee agrees that humor is found throughout his plays but that a lot of people miss it. He said that most serious plays have to use humor to balance the tragedy. But once his plays are on the stage, he says he seldom rewrites them.

"I see and hear the play in my mind while I'm writing it. I know what's going on. The characters emerge from my perception," he said.

"I have to be a little of each character if I write them, but they do not necessarily represent me. My conscience controls the character's development, even though they may evoive from my subconscious." he said.

Albee stated that he toyed with "Who's Afraid" in. his mind for years before he placed it on paper, taking only three months to write it. When he was asked which of his own plays is his favorite.

only three months to write it.
When he was asked which of
his own plays is his favorite,
Albee jokingly replied, "I
like, The Sandbox. It's only
14 minutes long and I didn't
make any mistakes!"

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THRILL

20 Call for

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Entertainmen

Mike Cross performs in Stewart; laces music with sardonic humor

by Connie Ballard
Entertainment Writer

The Mike Cross who appeared at Stewart Theater Tuesday night was a different person than we used to see at the Pier and the Cat's Cradle. He has evolved from a local folk singer into a polished performar.

performer.

The "old" Mike Cross was just a warm, relaxed folk singer with a few good jokes and a ton of charm. The "new" Mike Cross is a seasoned entertainer with the same enthusiasm and a larger repertoire, but lacking, perhaps, some of the

entertainer with the same enthusiasm and a larger repertoire, but lacking, perhaps, some of the sensitivity.

The "old" Mike Cross made you feel as if you were sitting in his living room watching him play. This intimacy, of course, is impossible to maintain in concert halls the size of Stewart Theater. The situation itself dictates a different approach. Some of his jokes and routines may have seemed a little more mechanical, but he was still very, very good. Cross has developed little skits to accompany many of his songs. Most are hilarious, but some, such as the one preceding "Thanks Hank" are too long and rambling. He adopted the personalities of the characters in his songs with the ease of changing hats. He skipped from a bumbling freshman who could get drunk off half of a beer to Brother Cross who wanted to die in style to Leon Redbone who appeared via astral projection.

One of Cross's most distinctive qualities has always been his amazing versatility. Tuesday night was no exception as he hopped from guitar to fiddle, from humorous to sensitive songs.

Two of the funniest songs of the evening were "Gospel Wine" and "Disco Death." In "Gospel

Wine," Cross's character gets progressively drunker as the song unwinds—and his lyrics and philosophizing become more outrageous.

"Disco Death" is a tune that could probably rock the Top 40 charts, if no one listened to the lyrics. Hopefully, all the disco nuts will try it. Cross instructed the audience as to how to do the dance. It's very simple. Just lie on the floor, stick your legs up in the air, throw your head back—and-die. "You didn't do it," Cross accused the audience with a disappointed air.

Cross really does not need any of these routines. His music could stand by itself, but his sardonic sense of humor does make it all more fun. He is a good comedian, but an even better musician as evidenced by his skilful guitar playing in "Born in the Country" and fiddling in "I Bid You Goodnight."

Cross received two standing ovations, and gave two encores in which he amiably played requests from the audience. The bonus of the evening, however, was a new song that was inspired by his son. The song, whose title Cross did not mention, describes the beauty of the world through a child's eyes. Cross captured a child's sense of wonder at things that adults take for granted such as the smell of the air in the morning and bluebirds that "sparkle" in the sky.

Cross is a champion of those who are down and out—loose (Siler City) women, bums, drunks and dirt-poor farmers. His music reveals a sympathy or rapport for the losers of the world. But one thing is sure, he will never be one of them.

The James Drew Jazz Trio were not losers either, but the audience certainly was. For some reason, the lights were left on in the audience



sensitive songs.

during the James Drew concert. People chattered noisily, romped up and down the aisles, and did everything but give this talented group the attention that they deserved. If the lights had been dimmed, maybe these people would have stayed in their seats, shut up, and tried to enjoy it—or at least, let the rest of us enjoy it.

The Trio, consisting of James Drew on the piano,

Fred Hunter on the bass, and Peter Ingram on percussion, played four selections including an original work of Drew's called "Honey Island." My personal favorites were "Lime House Blues" and "Chameleon," a work by Herbie Hancock.

The evening was one that anyone could enjoy—an odd blend of folk and jazz and blues. A real treat for all musical tastes.

old ha Na Na

Entertainment Writer

The Golden Age of Rock and Roll was revisited by a near-sellout crowd in the Greensboro Coliseum Tuesday night when Sha Na Na performed on stage.

As ten greaseballs strutted their stuff on stage, the coliseum was covered with the sounds of the lifties. If you see Sha Na Na, dan't expect rock music structure of the coliseum of the structure of the structur

Rock. Without the music of the fifties, there would be no disco, rock, or even punk rock. Definitely not classical, or like the music of the sixties, the music of the fifties was the turning point that forever left its mark on America.

hat forever set its man of innerica.

Sha Na Na lives off of tostalgia. Although a new ong has not been released a probably ten years, the sins still scream for the old uses. And you have to dimit, there is something about that kind of music.

Some unknown element.

Some unknown element, perhaps the beat or maybe the lyrics, has created an audience in each new gener-

Concert review

ation that delights in the music of the fifties.

Not content with just singing, the members of Sha Na Na Joked with the audience and also demonstrated their great versatility at acting. For a few minutes, Sha Na Na took the audience literally back to the streets with stage props and fine acting.

streets with stage props and fine acting.

More or less highlighting a great show, was the dance contest. Three members of Sha Na Na went into the audience and picked three ladies to dance with them on stage. The audience then picked the best dance team. Ending with the song "Rock-n-Roll is Here to Stay," Sha Na Na left the

stage only to return once for an encore performance of Lwo songs, thus ending a nostalgic trip back to the fifties.

Sha Na Na is composed of the members. The dominant character on stage is Jon Bowzer? Bauman. Called "The Baron of the Beat," Jocko sets the beat of the music as drummer. Johnny Contardo, Santini, and Deny Greene are the three main dancers of the group. Screamin Scott Simba plays the piano like no one else can. Chico Ryan plays bass guitar and yo yo; he's also known as 'The Cutest Kid on the Block." The big kid on saxophone is Lennie. Donny York sings and performs on guitar, piano,

and drums. Last but not least is Dirty Dan McBride who plays lead guitar.
One of the many fans of Sha Na Na, a little 5 year old girl named Christy shook her head up and down when asked if she liked Sha Na Na. "I like them. The music they play comes from my days," commented a fifty year old grandfather as he sat smoking a pipe. "They are really good performers." Unlike many. concerts where mostly teenagers and college students attend, the Sha Na Na concert with Dr. Hook had a wide range of fans present. From the silver-haired grandmother to the brown haired 3 year old boy, Sha Na Na draws its fans.

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Dr. Hook had a good deal of control over the audience. Instead of just singing to the audience, Dr. Hook involved the audience in some of their songs. The seven member band combined theatries and singing in order to commu-

nicate with the audience.

Dr. Hook's gold record "Sharing the Night Together," is certified gold. On stage, in between joking and carrying on, their music proved why.

After a slump, once again Dr. Hook is beginning the hard climb back to the top. But this time the band members say they will stay. With the release of their new album Pleasure and Pain, Dr. Hook once again

new album Pleasure and Pain, Dr. Hook once again

& young to concert Elswit, and Bob "Willard" Henke all play guitar. One older couple watching the performance said that Dr. Hook was good but that they couldn't understand

of the Rolling Stone" gave a great concert Tuesday night.
Ray Sawyer plays guitar and drums as well as sings lead vocals. Also singing lead vocals is Dennis Locor-riere who plays guitar too. On keyboards is Bill Francis, John Wolters performs on bass. Jance Garfat, Bik they couldn't understand them. Coliseum worker Lu Anne Johnson commented, "The crowd tonight is a lot older. They are not as cool as most

audiences."

If you didn't go Tuesday night you missed a great

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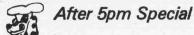
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Heart to perform in Greensboro

Take "heart" students— The weekend is fast ap-proaching and classes are almost over and if you're worried about another bor-ing weekend, don't be. Appearing Saturday night at 8:00 p.m. in the Greens-boro Coliseum will be Heart.

only released four albums, the band is definitely well known and well established. One of the more popular bands today, Heart has reached the top and stayed there. The diversity of moods and styles that the six member band exhibits are different.

While some bands have a tendency to play the same music the same way, Heart has yet to fall into that trap. If you doubt my opinion, listen to Heart's first and fourth albums and think again.

Originally from the Pacific

Northwest near Seattle, Washington, the close-knit group spends many hours with friends, parents, and band members. It's one thing to perform together, but it's different to be friends and perform together since the wear and tear of the music business has caused many friendships and even marriages to break down.

Ann Wilson courses all.

mandolin, and keyboard. She also sings. Often designing new and different instruments, Roger Fisher creates Heart as the lead guitarist of the group. As a former college music major, Steve Fossen adds his expertise on the bass to the band. Frishee thrower and bikerider Michael Derosier is the beat behind Heart, as he plays the drums. Last but in no way the least, Howard Leese commands a bank of electronic keyboards and an electric guitar. Leese also does

background vocals.

This concert is not for the faint of heart. Rock will reign supreme Saturday night in Greensboro, so Take Heart, State.

The guest band appearing with Heart Saturday night will be Firefall.

The performance of Firefall should be outstanding, for they have recently had several hit records. A rising group on the rock scene, Firefall will demonstrate their talent Saturday.

Tickets are still on sale in Greensboro and at the Raleigh Civic Center.

FOTC to present Russian dance festival

Under the auspices of riends of the College, a estival of Russian Dance will e performed in Reynolds coliseum this Friday and

Coliseum this Friday and Saturday nights.
A festival of Russian Dance is a kaleidoscope of dance from seven of the 15 republies of the Soviet Union. The company of 90 dancers and musicians are the finest folk ensembles of these republics.

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missed.

Both performances will begin at 8:00 p.m. State students will be admitted free upon presentation of their current I.D. and registration cards. In addition, each student may have a guest admitted free.



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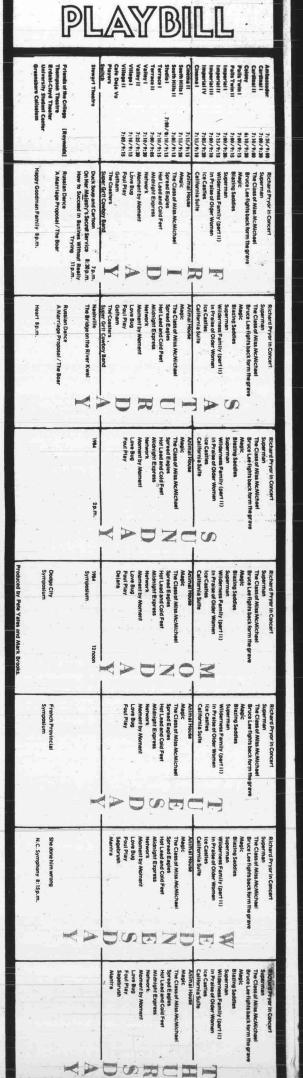
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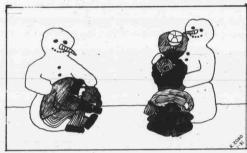








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Features

Vintage fashion and glamour hit Raleigh



How about a new hat? Or in this case—an old one. A browser in Raleighwood Palms tries on one of many "vintage" hats. Full-length fur coats also abound at the specialty

by Tucker Johnso Features Writer

Below-the-knee dresses, tight-waisted and broadouldered. Seamed stockings. High-heeled pumps.
shions from the 40's, right?
Not exactly. Though the styles of clothing in the
's, 30's and 40's went out for a while, they seem to
verbeamers as in thing again.
Evidence Raleighwood Palms, a tiny specialty
op that sells authentic clothing from the 20's, 30's
d 40's. The outside of the shop seems ordinary
cept for a pair of art deco-styled palm trees. But
thing on the inside is ordinary in any way.
Clothes, clothes, more clothes and their
cessories hang from racks and on the walls,
ttery, old pictures and various objects d'art cover
e surfaces of chairs, desks and small tables.
Except for the clutter, it's almost like stepping
to the living room of an ancient Victorian house;
e space and objects in it are familiar only from
agazines dated decades ago.
The next room is more of the same. Clothes even
ing from the ceiling. There are dresses, evening

and everyday, jackets, fur coats, shoes, hats, gloves, skirts, scarves, shirts, lingerie and jewelry. In the back are men's suits, overcoats, shirts, jackets, pants and houserobes.

Prices are shockingly low. One might expect the procurement of dated clothing to be an expensive process, but nowhere is this reflected in the figures n the price tags.

The shop is jointly owned by Dan Barrett and Kelly Walker. Their specialty is antique clothing, pottery, and wicker and rattan furniture. The fashion world has come almost full cycle. Antique clothing and their imitations are high style area.

again.

"That's the whole idea," said Walker, who deals not in imitations, but in the real thing. "The 40's things are so in style now...the fitted jackets with the padded shoulders, the skirts to here (mid-calf) with the little kick-pleat in the back, tight fitting. That's 'in' now."

Barrett things that "widespread" is the word to describe today's fashions. "People are into so many different things...The 40's fashions are coming back

in for one group, whereas other groups are still wearing their jeans."

The majority of the antique clothing at Raleighwood Palms is for women. There is a good reason for this.

"It's a lot harder to find men's clothing," Barrett explains. "I feel like it's because they wore their clothes a lot longer, and they wore them out." Walker added that men's clothing were often made into rags, while women kept theirs.

According to these two men, the quality and craftsmanship of antique clothing far surpasses what is found on today's market. Of the crepes, silks, velvets and chiffons of the 20's, Walker comments: "You can't even find them now. You find them and they're eighty dollars a yard.

The quality, style and pricing of the clothes at

You find them and they're eighty dollars a yard.

The quality, style and pricing of the clothes at Raleighwood Palms is what makes them sell, Walker explained. "People come in here...and they'll say, 'This skirt is a wool skirt and it's only \$12 when I just saw one in Crabtree for \$55.' They'll compromise and say, 'Well, even though it's been worn, it's so in style that it's fine.' "

These men get a lot of their clothing from flea markets, yard sales, and individual contributors. They dry-clean the clothes and send them to a seamstrees for repairs if necessary. But sometimes there's no need for repairs. "We run across old shops that still have the old clothes." Walker said. "It's like brand new clothes that have never been worn..And a lot of people are getting these new clothes that are old."

The majority of the customers are female. "Men

The majority of the customers are female. "Men come in a lot. But mostly women from 17 or 18 up to 30," says Walker.
"Blacks are much more into it," adds Barrett.
"They're more fashion conscious with respect to clothing of that period."

The reactions from the customers are mixed. "You know, we have quite a few people who come in here and just go wild," smiles Barrett. "They love it. And it's an experience.

"And then a lot of people come in and they turn their noses up...They say, 'Oh, used clothing.' You can call it that, but that's not what it is. It's vintage clothing. There's a big difference," Walker said. "I enjoy people coming in to just see a little bit of everything. I don't care if they don't buy anything. There's furniture here and art pottery and lots of jewelry to look at and clothes they can try on," he continued.

The young men began collecting antiques about

continued.

The young men began collecting antiques about three years ago. They acquired their knowledge of clothing primarily through reading articles and looking at magazines.

"We got into this because we really enoy it," said

"We got into this because we reany enoy and Barrett.

Where did they get the name for this unique enterprise? "It's kind of a joke," says Barrett. "Raleighwood as compared to Hollywood...Palm trees are from the 20's and 30's Art Deco period."

Antique clothing is becoming "big business," according to Walker. "We never really knew that until we ventured to New York and to Washington. The amount of business that goes on with this is just tremendous."

just tremendous."

Barrett notes: "We have the advantage because we are the first in Raleigh to deal in it on this scale. "It's kind of like we're here with the intentions of educating, making people become aware of the possibilities of being an individual...We try to display it (the clothes) and create an atmosphere."

Perhaps Walker summed up the goal of Raleighwood Palms when he said, "We're trying to bring glamorous Hollywood to Raleigh."

And from the looks of it, the 're on the right track.



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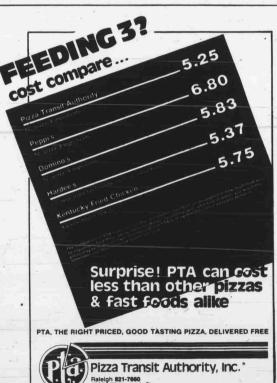
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Double trouble

Hawkaye Whitney, left, and Milke O'Koren will lead State and UNC into the North-South Doubleheader against Furman and Virginia Tech this weekland in Charlotte. Last year Furman upset both the Wolfpack and the Ter Heels. State will be trying to rebound from an 85-72 setback to Clemeon, despite Whitney's 45 points. North Carolina owns a 33-7 record and State a 28-12 mark entering the 21st annual event.

Booters capture tourney

State's soccer team took its act indoors last weekend and brought home the first trophy ever in State soccer history.

The Wolfpack, led by senior captain Rodney Irizarry, captured first place in the North Carolina Wesleyan Indoor Soccer Tournament with a 4-3 sudden death overtime win over the UNC Tar Heels in Rocky Mount.

Marvin Fishman drilled the winning goal for the Pack. Fishman and Butch Barczik, who both scored four goals in the tourney, were named to the all-tour-nament team.

four goals in the tourney, were named to the all-tournament team. There were 10 teams in the tournament and they were divided into two equal divisions. Each team played round-robin within the division on Saturday with the two champions meeting on Sunday in the title contest. State had a 2-1 record, losing to East Carolina, in going into Saturday night's

final game against Atlantic Christian. ACC was 3-0 heading into the showdown. The Pack trailed by one with 14 seconds to go in the ACC game when Irizarry fed to Fishman, who pushed it into the net for the gamewinner; and a shot at the championship. Against North Carolina, State was up 3-1 on two goals from Gordon Battle and one from Barczik, but he Heels had knotted the score with three minutes left in regulation.

Others scoring in the tourney for State were Dickie Thomas with three goals and Greg Myren with one.

goals and Greg Myren with one.

Russ Tuttle was the Pack goalkeeper throughout the five games and Irizarry said, "Tuttle played really well." "Everyone was cheering for Chapel Hill, but weshowed them," said Irizarry. "We set a goal for ourselves and we did it. Is stress we because we really did it as a team—all the guys did well."

Slayback paces gymnasts to State's first-ever win

State's gymnastics team beat its first team of the season when it finished second in a tri-meet at Carmichael Gym last week-

end.

The Wolfpack defeated
The Citadel 110.30 to 76.36
for not only this year's first
win, but for the first victory
in the two-year history of

the squad. Georgia Tech won the meet with a score of 187.75. Senior captain Scott Slay-back, from Miami, Fla., had the highest score for State in virtually every event. Indi-vidually, Slayback totalled 32.55 points to earn high-man honors in the meet. State's record is now 1-3.

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Saturday:

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Women scald Cavs, turn to ECI "I felt pretty good," said the sophomore forward after her show. "It felt good to hit some shots because I haven't been hitting that well lately and I was pleased with that. "I feel better for the team though. It seems like we're back as a unit and more mentally into the games. When we're in a game mentally and hustling, things seem to elick and we're clicking now."

Asst. Sports Editor

State's sixth-ranked women's basketball team stretched its vinning streak to five and gathered further momentum for next weekend's ACC tourney when it scorched Virginia 88-63 Wednesday night in Reynolds Coliseum.

Tonight the Wolfpack is at East Carolina. The Pirates are led by all-America candidate Rosie Thompson, who is averaging well over 20 points a game. ECU is 11-7 on the season and one of those seven losses came at the hands of the Pack, 106-74 in late November.

we're clicking now."

All-America center Genia Beasley topped State's scoring column with 19 markers on a 7:10 effort from the field. She also had eight rebounds, as did Lacey. Ronnie Laughlin and Ginger Rouse both canned 17 points for the night. Both were 5-7 from the field in the first half. Laughlin wound up 7:9 and Rouse 8:12. Laughlin grabbed seven rebounds, while Rouse passed for six assists.

June Doby, six-foot-five reserve center, scored nine points and point-guard Cristy Earnhardt added seven sasists and eight markers.

As a team, the Wolfpack finished 37-38 from the floor, 64 percent. State whipped the Cavs on the boards 38-21 and also piled up 27 assists. The Pack was called for only seven fouls during the entire 40 minutes.

"My team doesn't play

"My team doesn't play much better than that," said Virginia cosch Debbie Ryan. "It's tough to beat a team shooting 64 percent from the floor, especially a team as good as State is, "State has, an excellent basketball team, they deserve, their national ranking and will probably end up higher than they are now. I don't think State can beat Old Dominion, but they can probably beat anybody else in the country. "In my opinion, there isn't a team in the country that's a team in the country that's

"In my opinion, there isn't a team in the country that's going to touch Old Domini-on. They're just awesome, so

THE

GREAT

those seven losses came at the hands of the Pack, 108-74 in late November.

The Pirates will be hard-pressed to improve on that early season meeting if State is able to maintain the level of excellence it has sossessed for the past few weeks. In the first half against Virginia, the Wolfpack shot a blistering 72 percent from the floor.

"We had a great first half," praised State head coach Kay Yow. "We were very patient on offense, we worked the ball well and we really played our type of offensive game. I can't ever remember when we've been so hot shooting in a half.

"Overall, it was another really godd effort with a lot of hustle. Again we weremore mentally alert, more and more aware of where the loose balls are and where the passing lanes are. We played heady ball. This is the fifth game back-to-back that we've played very well."

The numbers on State's half showed the

that we've played very well."

The numbers on State's blazing first half showed the Pack hitting 21 of 29 shots from the field, while outre-bounding the Cavaliers 15-4. The Wolfpack led 51-29 at that juncture.

Trudi Lacey could have changed her name to "Torrid" after her first half performance. She hit each of her first seven shots, the closest being a 12-foot turnaround jumper, in scaring 14 first period points for he Pack. Lacey finished with 16 points on 8-11 from the floor.

Women's ACC tickets on sale

Student Tickets are available for the Women's ACC Basketball Tournament Feb. 8, 9 and 10. Students will be admitted on the day of the game for half price. Reserved tickets, which are selling for \$10.00, cannot be burchased at student rates. selling for \$10.00, cannot be purchased at student rates. Full rates for individual sessions are \$3.00, except for Thursday's evening game slated for 8:00 p.m., which is \$2.00.

WANTED: Part Time Laborer

For remodeling and small construction jobs. Duty includes driving flat-bed dump-truck and some inside light clerical word. Work schedule can be flexible.

Clues as to the location of the Lucky Stroh's Bottle will be given weekly in the Technician, but be careful. After this week the clues will be hidden somewhere within the newspaper.

physical. They're head and shoulders above everybody else."

But before the Wolfpack has a chance to prove whether or not Ryan is a prophet, it must deal with ECU tonight and then return home for what very doubtfully could actually be considered a game against

Clemson Monday, there be a three-way tie for fiplace. In the confere between the Tigers, St and Maryland, Yow say that is the case, the three seedings will be dra from a hat by the th schools. The team draw first place will receive first place will receive first place will receive first place.



State's Cristy Earnhardt was fouled on this hook

Strok's

SEARCH

1. A Stroh's bottle identical to the one pictured on this page was recently hidden on our campus. Located within the bottle is a certificate good for one free keg of Stroh's beer.



3. The boundaries of the Great Stroh's Search will include the entire N.C.S.U. campus between Western Boulevard and Hillsborough Street. To prevent vandalism and destruction of property, the Lucky Stroh's Bottle is visable without moving or damaging any University property.

4. When you find the Lucky Stroh's Bottle, take it to the Technician office where they will confirm your find.

5. So fellow beer lovers, grab your Technician in one hand and a cooler of Stroh's in the other and head out on the GREAT STROH'S BEER SEARCH.

The first clue is:

It's a stone's throw from the Railroad Tracks.

United Beverage Company 828-0854

Swimmers host Michigan, fresh off big upset victory

"It took a year for people to understand me," he explained. "It took a year for me to understand them,

continued the property of the continued and the country in a case of the country in a case of the country in a case of the country in the 200 meter breastroke. A native of England, Goodhew is a leader among State's swimmers and is now well adjusted to American life.

"My arch rival is Graham Smith. He holds the world record in the 200 breast," continued Goodhew. "He goes to California-Berkeley and I have swam against him three or four times. Probably again this year."

Saturday, Goodhew will lead the men and women tankers against the Wolverines of Michigan at 12:00 in the natatorium. Last year Michigan held the ninth spot in AIAW for the women and 14th in NCAA competition for the men.

The Wolverines, for the first time in 15 years, upset Indiana 58-56 last weekend to take over sole possession of first place in the Big Ten. It was the first Big Ten loss for Indiana after 140 consecutive dual meet victories. Michigan's women are led by AIAW champion Julie Bachman who captured both the one and three meter

diving competitions last year.

The men's diving corp is strong also. Senior Matt Chelich was NCAA runnerup last year in three meter competition.

Michigan is strong in the freestyle events, where they are led by Olympian Fernando Canales, a Puerto Rico native.

of 1:35.18 as the lady tankers downed East Carolina 78-29. The win moves the women's record to 6-1.

"We were really pleased with the record. We were just a little off of it down in South Carolina last week and thought that we could get it back here in our own pool," noted Pack assistant coach Bob Wiencken. "It's early in the 'season to be setting records and we think that the girls will swim real well as it goes along."

The men swam past the Pirates 66-47 to boost their record to 7-3.

Easterling retu

Head coach Don Easter-ling will return to practice tomorrow and will be pre-sent at the meet on

Head coach Don Easter-ling will return to practice tomorrow and will be present at the meet on Saturday.

"He won't be able to run and jump around like he likes to but just his presence will give the kids a boost." said Wiencken, "They'll (the swimmers) want to show him how hard they've worked."

Goodhew noted that he does not think about meets before hand.
"It doesn't do any good, when the time comes you just go out and perform," he explained in a slightly Americanized English accent.
"You know people back in

"There is just no money for English swimmers. There is no where that I could swim and get an education too," he said.

Goodhew has changed his

Goodhew has changed his outlook on the surroundings. In the four years he has lived here he will admit that many things are not the same as they are pictured in Europe.

don't see the everyday picture as it is here," he said.
"I miss the familiarity of home." Goodhew admitted.
Goodhew plans on continuing his education even though his NCAA elegibility will expire at the conclusion of this season.
"Duncan is a great talent. When he came here he had

Finn gives Pack grapplers deadly knockout punch

The State grapplers fin-ished a rough week last Sunday edging Penn State 19-17 and boosting their record to 11-1 by winning four matches in six days. This week the Pack has enjoyed a well deserved rest before returning to action at Virginia Saturday.

before returning to action at Virginia Saturday.

The Pack matmen will be looking to extend their conference record to 3-1 against the Cavaliers.

Although a break is a good chance for the injured to let their wounds heal, head coach Bob Guzzo feels that a week of wrestling like last week is almost as good as a week off.

"Sometimes it's good to

Koob will be an added

obstacle for the Cavaliers to try to hurdle on Saturday. Guzzo places a lot of confidence in Lidowski and Finn, not only this week but in any match. "We feel if we have to go into the last two bouts about nine points within reach, we can win it," said

and Paul Finn proved their reliability.

After Lidowski moved the team within four points of the Nittany Lions, 17-13, the only way the Pack could pull it off would be a major decision. Freshman heavy-weight Paul Finn knew hat he had to do and went out and did it, pinning his opponent in 1:08.

For most wrestlers, especially a freshman, a pressure situation like that is a tough spot to be in. Paul Finn is no different than anyone else, he's just used to it.

"Sure you feel the pressure but for me it inn't new. I would have pressure situations. I would have pressure situations. I would have pressure situations. I would have pressure situations of the same level you are wrestling people on or above the same level you are."

To date, Finn hasn't had much trouble with the college crowd. His record draught to the same level you are."

To date, Finn hasn't had much trouble with the college crowd. His record only to see the same level you are."

To date, Finn hasn't had found the same level you are."

To date, Finn hasn't had found have good to be seen and the see the same level you are."

To take, Finn hasn't had much the seen with the record while winning the state title. More impressive-

ly, all his wins were by fall.
"Paul is a real good one,"
boasted Guzzo. "He is
getting stronger and stronger after each match as does
his competition. He is young
and we are looking for a lot
from him."

What type of goals has Finn set for himself? Nothing short of the big

Nothing short of the big one.
"Ultimately anyone would like to win the NCAA's," proclaimed Finn. "This year, however, I would be satisfied to get into the top six." Standing at 6-5, 320 pounds, it would seem no one could manuever the big freshman. His road to stardom, it would seem, would be to just keep growing. Finn says that there is no truth to shismyth.

"I have to watch my weight just like the rest of

there is no truth to this myth.

"I have to watch my weight just like the rest of the wrestlers on the team. If I put on too much weight I get slow and sloppy," said Finn." I like to fluctuate just a couple of pounds around my weight."

After Virginia this weekend the Pack will return home to settle a dispute with another conference foe. State will be seeking to avenge a 20-19 loss to UNC Tuesday at 7:30 p.m. in Reynolds Coliseum.

involving ranked teams saw second-ranked Onyx defeat the Alley Oops 50-26, Fifth-ranked Backstabbers edged WHO 47-46, No. 12 Becton

Intramural powers priming for the playoffs

With only two weeks left in the regular season, the top teams in intramural basket-ball are priming their guns for the upcoming league tournaments.

Top-ranked Owen I gave its undefeated record another boost with a vietory over The Village 57-43. At 4-0 in league play and 11-0 overall, Owen I is the team to beat in the residence league beat in the residence league

beat in the residence league playoffs.

In fraternity action, sixthranked SAE (7.1) and
11th-ranked Kappa Sigma (5.1) improved their records
with important wins. SAE
slipped by AGR 39-35 and
Kappa Sigma dumped LCA
63-51. A championship game
may have to decide who is
the best in the league.

Other action last week

WHO 47-46. No. 12 Becton won by default over Bagwell. Previously eighth-ranked Tucker, now No. 13, dropped a close game to Metcall II 32-31. No. 14 SPE dumped TKE 46-21, and No. 15 DU spanked PKP 56-40. Handball rounded out the men's schedule last week. In residence play. Turlington defended its 1978 champion-

England claim that I have an

ship with a win over Metcalf I. Bragaw North I, runner-up to Turlington last year, defeated Syme dorm. The fraternities begin play this week with 1978 champion Theta Chi out to hold onto its title.

In women's intramurals last week, Carroll II and Bowen II kept their winning records in basketball. Carroll II whipped Metcalf 53-17, while Bowen II won by default over Bowen I.

Bowling finished the women's schedule. After three weeks of play, Bowen II has the best overall record in the residence and sorority league with a 10-2 mark. In Sunday's action at Western Lanes, Bowen II easily won over Bowen II with a total pin count of 1599. Siasy Taylor of Bowen II had the best overall day with a 429 set.

Top 1	5
Owen I Onyx	11
2nd H. News C. Reefers	
Backstabbers	
SAE AWB	- 1
Gypsies Plague	
). Arrogance l. K. Sig 2. Becton	Transco
i. Becton I. Tucker I. SPE	
. DU	

Host Terps tonight Fencers slash Devils



Carmichael Gym was definitely not the place to be wearing the blue and white of Duke Tuesday night. A rough and ready band of Wolfpack fencers trounced the Blue Devils, 22-5 in men's action and 10-6 in women's.

men's action and 10-6 in women's.

The Pack takes on power-full Maryland tonight at 7:00 in Carmichael Gym. The defending ACC champion Terrapins are rated as favorites to repeat.

The outcome of the Duke contest was decided early as State raced to a 14-1 lead. Head coach David Sinodis was extremely pleased with the early surge.

"Our fast start enabled us to substitute and get another look at our young fencers," said Sinodis.

Sinodis had to be happy with the performance of the aubstitutes as they captured five of seven houts. Led by the three victories. I just of Justines, 1940. Mark Barrett, Dave Painter, and John Fisher chipped in two wins apiece to round out the sabre.

sabre.

In foll, the Pack was paced again by all-ACC fencers Steve Dickman and Rodney Irizarry, with two wins apiece. John Burns also contributed two victories, while freshman Richard Blakely and sophomore

James Pak won their respective bouts for an 8-1 victory in foil.
Steve Andreaus took two of his three bouts to spark the epee's to a 5-4 win. Jay Tomlinson and Roy Kim split their two matches while John Herscher came on to take his only bout.

Coach reflects

Coach reflects

The final margin of victory led Sinodis to think back to previous triumphs.

"Tve been involved in State's fencing program for about nine years and this was the earliest that we have ever clinched an overall match," he said, noting the 14-1 outburst.

The wômen were sparked by junior Tammy Stainback as she won all four of her bouts. Liss Hajjar added three victories while Laura Arwood split her four bouts. Sandy Revers rounded out the scoring for the 10-6 Wolfpack win.

After tonight's match with Maryland, State must travel to Chapel Hill Saturaday morning to take on the Air Force Academy. But make no mistake, Sinodis is not looking past Maryland. "We're gearing for Maryland," he said. "It's another big match and we hope we have some momentum from our Duke win. We're also hoping for a big crowd on hand to cheer us on."

Sinodis sees the sabre weapon as the possible key to a win against Maryland.



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Technician

pini Fantasy of

Within five years, the world as Western man now knows it will be reduced to a simian level. Man will not be able to control his own movements; civilization will be manipulated by the wills of a few omnipotent powers. The blight of Man will overtake us all.

So indicates George Orwell's 1949 classic novel 1984. All this is possible, scientists say, but can be controlled if mankind is willing to take the vittal steps necessary to preserve the world as we know it. However, society will have to be educated if it is to take command of the situation and carve out a realistic future. And education in this area is exactly what is promised by State's upcoming annual symposium, "1984-Fact or Fiction."
Beginning Feb. 4, a series of films, speakers and "new games" is scheduled to appear in Stewart Theatre. During the five-day program, opinions on the various possibilities will be expressed by such speakers as Daniel Schorr, Shana Alexander and Charles Frankel. Symposium coordinators did a sound job in selecting presentations which will expand the average student as well as keep within the program's limitations, and students should take advantage of this opportunity to see some of the best popular American minds in action.

Students today are in the unique position

oday are in the unique position to somewhat control the fall of

"Whatcha doing this weekend."
"The agenda includes 20 pages of German,
The Tragedy of Lyndon Johnson, Go Down,
Moses, FORTRAN, and four chapters of

physics.
"Sounds enlightening. Wanta go see Heart
Saturday?"
"Saturday?"
"Application of the physics of the phy

"Who's steaming up the bathroom?"
"Me, but I'm almost through. Can you bring

"Can I have a ride? Mine's at 6:45."
"You could, except that my car's in a hole in the parking lot and I don't think it'll come out without some boards to put under the wheel so I was going to walk."
"How depressing. Doris is going to the library. Maybe we can ride with her."
"Finished your outline for your paper?"
"Not yet but I'm not too worried about this first one anyway. In 112 a lot of your grade is how you improve. I'm going to just relax on these first papers and then really, I mean really, improve on that last four or five. I'vegot an A made in the shade."

me a towel?"
"Here. What time's your class? 'Can I have a ride? Mine's at 6:45.'

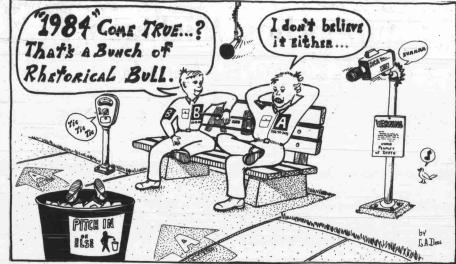
A made in the shade

the dice. Enlightened by the knowledge of the way things were and can be done, today's youth has the chance to apply that learning to the future and, by controlling their sociopolitico ambitions, can improve society for the future.

It seems odd, then, that such a student-oriented group as the Student Senate could spend a large portion of Tuesday night's meeting discussing the merits of a bill requesting funding for the support of Daniel Schorn's appearance. Not only was the bill fervently debated, but a formal amendment even was requested which would have made it public that the senate merely was paying for Schorn's appearance and did not necessarily support any of his statements.

The lack of foresight demonstrated by some senators gives all the more reason why programs such as this symposium should be offered on State's campus: If the world is to progress in a civilized manner, everyone must learn of the choices. This short-sightedness also could be another reason for the time-lag in getting student-relevant problems resolved.

At any rate, the symposium promises to be intellectually stimulating week for all who will take a moment to learn of the alternatives to the pain of tomorrow, and students are the one's who can best benefit from that



Blown circuits

To the Editor

I noticed in the "Green Sheet" of 29 anuary 1979 that the administration is encerned because students are opening

The Young and the Restless is my

"Well, I'd rather speculate on how much cocaine Chuck Barris has had today than how many men Jill has had."

Becky comes in wearing the blue doubleknit only found on Winn Dixie

nployees.
"I'm going to work."
In unison: "Can you give us rides?"
"Sure, where to?"
"The library."
"Tompkine"

ows to cool down their overheated s. I was distressed to hear of the administration's open-window policy and I am sure you will understand why if you hear my

sure you will understand why if you hear my story.

I live in the 001 suite of Lee (Dormitory). My fellow suitemates and I have not had any heat all semester. And I mean no heat! I made several phone calls to the Physical Plant hoping to find a solution to the problem. After going through the usual bureaucratic red tape, I finally spoke with a Mr. Kevin Nelson.

I told him of my troubles, and he proceeded to read me a computer printout which listed the temperature, taken at random time, in room 304—A Lee. I explained to Mr. Nelson that I really didn't care what the temperature was in 304—A Lee. I only wanted some heat in my suite. He explained

temperature was in 304 – A Lee. I only wanted some heat in my suite. He explained taht our glorious computerized heating system did not turn on unless the temperature fell below a certain point. Mr. Nelson told me that a sensor that monitors the temperature was a sensor that monitors the temperature was located in 304—A Lee, and this sensor controls the heat for the section of Lee that I

live in.

Mr. Nelson told me if J wanted some heat in my room, I should, and I quote, "ask whoever lives in 304—A to open their windows."

Since the administration wants windows closed it seems my suitemates and I may never have any heat because the people in 304—A can't help us out without breaking rules. The folks in 001 Lee have had enough of living in a deep freeze. Everyone in the suite has been sick with a cold or flu, and we

keep blowing electrical circuits because we a forced to use electric heaters.

We need help.

Cold feet in Le

Stop picking

This letter is in response to Jon Mirsalis's letter in the January 22 Technician, and anyone else opposing nuclear power.

Although I am not in that field, I, for one, think it is time to stop picking on the nuclear engineers. All they want to do is see that along with our children and our children's children, are provided with a reliable source of energy. You seem to think that nuclear fuels are some sort of deadly polson. This is ridiculous. Would all these big companies be supporting this nuclear power! No. They can't make any money if all they're customers are dead. Even Jesse Helms supports nuclear power and he is a United Stated Senator.

You state that there is only 100 years worth

power and he is a United Stated Senatur. You state that there is only 100 years worth of uranitum left. How do you know? You're not even in Nuclear Engineering!! Do you think all these NE majors would be sweating through school to have a career based on "a resource that will be running out in a few generations"? Of course not.

Visions of a Wednesday night

Just trudged in with my laundry. One hour of sorting and pre-treating and not having enough quarters and missing the rinse cycle again. Followed by an interlude of hustling frat boys for dryers. Then one hour of unruly sheets and wayward socks.

Four-thirty. Just enough time to write my introduction speech for my 110 night class, eat, and take a shower. I hit the button labeled "power" and time moves to music.

Love and hope and sex and dreams. Mick Jagger, the man who made "radio" the sexiest word in the English language. Speech's perfect on paper. Complete with an organized structure and transition. But by the time it goes into a sentence outline, by my eyes, through my brain and out my mouth, I figure it'll be a pitifully mangled version of the original. A rehearsal before the mirror confirms my suspicions.

Ring-rinning.

"Hello."

"Hello." As I dress, I hear a sincere inquiry from the front room: "What are natural logs and logarithms in real life? What are they good for?"

To keep the riffraff out of the engineering profession."

Another sincere inquiry: "Do you have anything good to eat?"

You know, I've been all the mild winter, spring's going to be here a lot earlier than we expect. In a month we'll be shopping for swimsuits and maybe we better

"Sounds enlightening. Yeah, sure."
Hot, hot, long, long shower. Like you can't get at 8:00 even if you could get up in time—which you can't—because all the hot water's gone because some people manage to get up at 8:00.

"Who's steaming up the half"Me, but I'm." "You're in 201, you figure it out. Figure you burn 15 calories per pound of body weight per day and 3,500 calories make one pound of ugly fat."
"Let's see. Where's your calculator? That's 2,000 x = 10(3,500). That's 17.5 days of fasting to lose ten pounds. That's almost three weeks of zero consumption, no M&M's, starvation. If you ate just 750 calories a day, it would be," she punched the calculator furiously, "28 days! I'm not waiting a damn month!"



Reckonings

Wendy McBane

anything good to eat?"
"Just Slice and Bake cookies. I'm having them for supper. Want some? They're almost

You know, I've been thinking. With this

get serious with our diets."
Her eyes get big. "You're right. I hadn't even thought about that. How long's it take to

"You're in 201, you figure it out. Figure you burn 15 calories per pound

furiously, "28 days! I'm not waiting a damn month!"

"Cookies are ready."

"No thanks. This time I am really, really serious about my diet."

"You've got the whole wrong concept about it. When you diet you don't cut out things you like – like cookies – you cut out all the stuff you didn't really want to eat anyway – like oatmeal and liver."

About this time (when the cookies are done) folks (my suitemates) come calling.
"Have a cookie, Doris. Can you give us rides to our classes when you go to the library tonight?"

"I was going to walk."

I draw a bead on her with my blowdryer. "Hand over that cookie or I'll frizzle you. Anybody see the Gong Show today? That's the biggest bunch of nothing ever on T.V. Except for The Young and the Restless.

"Winston." "Is this your late class?" "Yes, lasts until 10:00." "I couldn't stand three hours in a class." "It's not so bad. One night a week I just have to get myself into that desk and that's it

for the night and the week."

And at 7:00 I slip into a desk and take out

Asian labor withstands automation

The tiny, silicon-based microprocessor, which has enabled man to girdle the globe with vast, instantaneous information networks, is tiself the product of what may be the world's first "global factories."

The manufacture of these computers-on-achip is accomplished by highly paid, highly educated scientists in America—and by assembly line workers throughout Asia who earn as little as ten cents an hour. The Asian assembly lines are linked to America by jet-age air freight and satellite communications networks.

factory put it, "Santa Clara (California) is just a telex away."

So highly integrated, automated and sophisticated is the production of microprocessors that the process itself has been likened to a finely-tuned computer. But it is a computer with an odd assortment of parts, comprised of space-age technology and 19th century working conditions.

Today's microprocessor is the grandchild of the transistor, which was invented by American scientists in 1947. It in turn led to the development of the semi-conductor industry a few years later and then, in the early 1960s, the integrated circuit industry. Integrated circuits meant that various electronic elements, including transistors, could be combined on a tiny chip of semi-conductive silicon, which in the form of semi-conductive silicon which is not semi-conductive silico next to oxygen. It is now possible to put as many as 100,000 transistors, resistors and other circuitry elements on a single chip about half the size of a little fingernail.

These transistors act as tiny valves, shuttling bursts of electric current, in the form of binary digits (zeroes and ones), back and forth to make literally hundreds of thousands or onary digits (zeroes and ones), back and forth to make literally hundreds of thousands of computations per second. By means of the modern alchemy of computer logic, the circultry can store data for later processing, perform arithmetic and logic operations, or deliver its results to a computer user through a variety of different "read-outs."

This complex design process is accomplished by scientists and engineers working in high security research laboratories. The companies tend to be clustered in California's Santa Clara valley near San Francisco; hence the nickname "Silicon Gulch."

The design and initial manufacturing steps of the microprocessor are unique for the degree of automation and high technology involved. Indeed, as the microprocessor grows both smaller and more powerful, it is necessary to rely increasingly on computers to

Guest Opinion

Jon Stewart and John Markoff

design them.

design them.

As many as 300 chips are made at one time from a thin-sliced wafer of polished silicon about three inches in diameter. Because even the smallest speck of dust will render the chips useless, the wafers are handled in rocm's specially constructed to be dust-free. A typical fabrication plant contains less than 100 dust particles per cubic foot, compared to about 10,000 particles per cubic foot in a modern hospital.

The silicon wafers are "doped" with various impurities in order to create electrically

impurities in order to create electrically conductive and non-conductive areas. These positive and negative specks act as transistors, or tiny electronic switches that shuttle the electrical current about

coming electrical current about.

The design of these transistors is created in a large drawing, which is photographically reduced to the point that the circuits are virtually invisible to the naked eye.

After the silicon wafers have been treated with a photo-sensitive emulsion, the reduced "photomask" of the circuit design is placed over it and exposed to ultraviolent light. This burns the pattern into the wafer. The complex process is repeated for each layer of the design, often as many as ten times.

Finally, the entire wafer is coated with an aluminum conductor and then subjected to an inspection to check for defects. Even with this precise microscopic manufacturing process, many chips on each wafer are found to be useless.

The wafer is then cut with a diamond outer.

many chips on each wafer are found to be useless.

The wafer is then cut with a diamond cutter and the bad chips are discarded. The good ones may be sorted by quality, the best may go to the military for space systems and the worst to the consumer market for things like pocket calculators and digital watches.

But before they are ready for any application they undergo a kind of time warp. They still must be "bonded," or wired, to small circuit boards. This painstaking process, which involves connecting as many as 60 tiny wires on each chip, is accomplished by thousands of young Asian women working over microscopes in dozens of assembly plants in Hong Kong, Singapore, Indonesia, Malaysia, South Korea, the Philippines and Taiwan.

This part of the production process, unlike the earlier steps, is labor-intensive, routine and low-skilled. In fact, were it not for the

to the Asian workers, the bonding process would be a ripe step for automation. As it is, little automation is happening in the Asian

factories.

While Asian wages tend to be low in all industries compared to U.S. wages, the Asian microprocessor assembly line worker earns about a third less than workers in other industries, according to Bob Snow, a research associate at the East-West Center in Honolulu who has investigated the industry.

"One major California firm's Hong Kong workforce is almost all women, young Chinese girls 14-18 years old," he said. "They work the same day as women in Mountair View, Ca.—seven hours and 20 minutes—but they get about \$2 a day. It's true that \$2 buys a hell of a lot more in Hong Kong than ir California, but it's nowhere enough to live on."

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