



S'NO GO IN THE SNOW!

The greatest invention of man is said to be the wheel. You really think so? Ummm . . . dunno. Let's ask the guy driving that Pontiac up there. Betcha he just loves the stuff. So pretty and white and it'll close all the schools (except you know what)! Hey buddy, look—its snowin! What's that? Oh yea. Well same to you fella . . . (Photo by Hankins)

## Peele Offers Students Summer Opportunities

by Lynn Gauthier

Looking for summer employment? There are people on campus who are quite willing to help students find jobs.

Mrs. Mary F. Usry, employment counselor, posts several job openings on the bulletin board outside her office on the second floor of Peele Hall. The employer's name is usually included, but sometimes they request that Mrs. Usry screen the students.

There are also two job aid programs offered through the employment counselor's office that are awarded on the basis of economic need. Students applying for either a work-study job or PACE must fill out a financial aid application form before they can be considered.

Work study jobs are generally on campus and are for continuing students. PACE allows students to work in their own communities at full-time jobs. This program is state wide.

Details for summer partici-

pation in work-study and PACE programs have not been completed at this time. Part of the funds for these two programs are appropriated by the Federal Government.

Students who are interested in full-time summer employment pertaining to their particular curriculum should visit the Placement Center. "We try to give students a chance to develop a realistic frame of reference about their studies," commented Raymond E. Tew, director of the Placement Center.

Tew indicated that the employers he is associated with are usually interested in rising seniors or graduate students. He also commented that many of the jobs are not located in Raleigh and wouldn't be practical for a family man or woman.

"Students do not seem nearly interested enough. Last summer there were more positions available than students to fill them," said Tew.

Summer jobs for foreign students are few and far between.

## EC And PSAM Hold EIT Review

The Engineer's Council and the School of Physical Sciences and Applied Mathematics is sponsoring a review session for students taking the Engineers-In-Training Exam.

The review, consisting of 20 two hour sessions of study, began February 6, and will continue until April 28. The EIT exam will be given May 6.

Students who score 70 percent or better, and therefore who pass the test, work in a semi-professional capacity for another four years, after which they take a second, and final, examination.

If the final exam is also passed, the Engineer-In-Training is allowed to become a fully independent professional, and may be registered as such.

Approximately 25 Council members and wives attended the dinner held at the home of the Dean of Instruction, Dr. E. W. Glazener. Dean Glazener and the Dean of the School of Agriculture, Dr. H. Brooks James, sponsor a banquet for the Council each year. Next year's dinner will be held at the home of Dean James.

### Dean Holds Ag Banquet

"I had never expected to see a dean pouring coffee for students," said Oliver Noble, a senior in Agriculture, of the Agriculture Council's Tuesday night meeting.

The Council consists of two representatives from each of the eleven departmental clubs. Dr. Darrell Miller, the Assistant Director of Instruction, serves as advisor. The President of this year's Council is Tom Bridges, a senior from Wilson.

The dinner was actually the first meeting of the semester for the Council, which controls the fees paid by the students in Agriculture. The next meeting will be held Tuesday, Feb. 21.

The Westminster Fellowship will meet Sunday at 6 p.m. in the West Raleigh Presbyterian Church. Frank Hutchenson will speak on the Minister's march in Washington which concerned Viet Nam.

The Valentine's Dance will be Saturday from 8-12 p.m. in the Union Ballroom. Music will be by Burt Massengale and his orchestra. Admission is free, for couples only and dress is semi-formal.

The Latin Club will meet tonight at 7:30 in the Union. All Latin Americans are requested to attend.



## Senate To Be Reapportioned On Spring Enrollment Totals

by George Pantoni

Fluctuations in the enrollments of the various schools for the spring semester will result in a reapportionment of the S.G. legislature for next year.

There is a total enrollment this semester of 9,413 students. This figure compares to an enrollment of 10,203 last semester. Registration officials have said that there is always a drop in the spring enrollment due to the suspension of students by the University at the end of the first semester. A number of students also drop out of school. The drop in enrollment includes the seniors who graduate in January and students who transfer to other universities.

Last semester there were 8343 undergraduates and 1860 graduate students, with professional students counted as graduates. This semester there are 7,594 undergraduates and 1,819 graduate students. There was only a slight drop in the graduate enrollment the second semester compared to the fall.

The School of Liberal Arts has 1,379 enrolled compared to 1,356 in the School of Agriculture and Life Sciences. Last semester Liberal Arts had the third largest number of students with 1,409 students enrolled.

Engineering remains the largest school on campus with 3,072 students.

The only school on campus to show a gain in enrollment over the first semester was the School of Forestry with a gain of 153 students.

SG Representation to Change

Once the enrollment figures are released the Student Government Election Committee determines the number of representatives the school shall have in the legislature. "A member of the Honor Code Board will check all figures before they become official" said John Wil-

liams, chairman of the Election Committee.

As the enrollment of the University grows, the number of senators in the legislature will increase accordingly. "When there is a reorganization of the election process, there is going to be a limit set on the number of representatives per school because of the growth of the University—there should be a limit of about 50 representatives in the legislature. This is an effective working size for the legislature," said Williams.

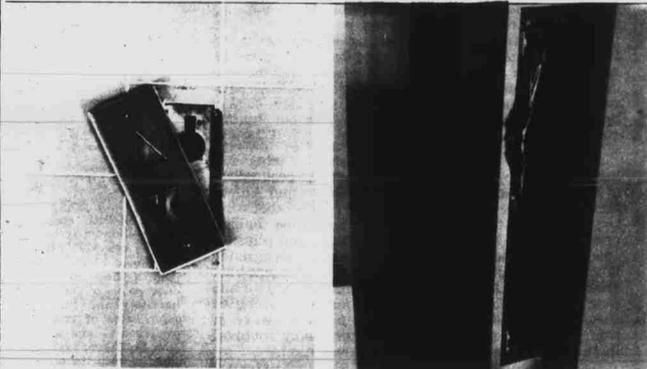
The means of representation is determined by the Student Government's constitution. The constitution states that each school shall have one representative and "There shall also be elected in each school one additional representative for each two hundred (200) students (or 50% fraction thereof) within that class."

Unofficially there will be 63 senate seats available in the next election. Engineering will have the largest senatorial delegation with 14. The graduate students will have nine seats and the School of Liberal Arts will have eight.

Though the School of Agriculture and Life Sciences has the third largest enrollment of any school on campus with 1,353 students, yet it has only six senate seats. This situation is caused by the large number of graduate students in the school who are not counted in the school's total when the senate seats are allocated.

The graduate students are counted as one group and they have a total of nine senators.

An unofficial breakdown on the number of representatives for each school indicates that Agriculture and Life Science has six senators, Design has five, Education has four, Engineering has fourteen, Liberal Arts has eight, Textiles has six, P.S.A.M. has five, and Graduates have nine senators.



VANDALISM

This is irony. Students are the first to gripe when the elevators don't work; they resent being inconvenienced. Yet sheer abuse and vandalism is a prime cause of elevator failure. The damage ranges from scratches on a wall to the removal of an entire bank of switches. Vandals represent a minority, but they really make hash of dormitory transportation.

(photos by L. Hankins)

## Traffic Records List Over Fifty-Eight Hundred Autos

The Traffic Records Office reports that 5860 traffic stickers have been sold between September 1 and January 31 to students, faculty and staff.

Of the total number of stickers sold, 3498 went to students. This number increased the budget of the University Traffic Committee by \$34,498. A breakdown of statistics shows 1016 red stickers, for parking in the Bragaw-Lee-Sullivan complex, 427 white stickers, for parking in the Becton, Berry, Syme area, and yellow stickers for off-campus students.

Each student sticker costs \$10.

Staff parking stickers totaled 1076 sold. These can be broken down into 203 orange, 251 brown, and 622 green stickers.

The faculty also bought its share of stickers this year. The total, according to the Traffic Records office, was 1286. The sale to administrators and professors brought about \$10,000 to the traffic office.

Stickers are sold to all persons owning and operating vehicles on campus.

The campus police have also brought in a good deal of revenue. In the period from September 1 to January 1, they handed

out a total of 7925 traffic violation tickets.

Of the total fines paid, the students have doled out \$6636 for violations while the faculty follows far behind with \$1293, according to the Office of Business Affairs. These figures show about \$1.90 paid per student with a registered vehicle while the faculty, per person, paid only 54 cents.

The traffic violations paid by students were paid by the upper classes since freshmen are not allowed to have any vehicle on campus.

## Center Will House All Student Activities

# New Student Union Plans Released

by Joe Jenkins

Schematic plans for the new student center were presented and discussed at a meeting held this past Tuesday night at 7 o'clock in the ballroom of the Erdahl-Cloyd Union.

The plans were presented to a small number of interested students by G. Milton Small of Small and Associates, Raleigh architects for the new center. Students present included SG officials and representatives from WKNC, the music department and student publications.

The new student center will house SG, the various student publications, a food service, TV lounge, theatre, music department, game room, lobby and information service.

The North Carolina State Legislature has given permission for the go-ahead of the building project. Small said the center will cost approximately \$3,000,000. The University will have to raise the money itself, probably through loans, accord-

ing to Carroll Mann, Director of Facilities Planning.

The site for the new student center will be located between Reynolds Coliseum and the student Supply Store. The site was chosen because this area is considered to be the center of most student activities.

The new student center will consist of two separate buildings which are to be connected by a bridge and porch. The smaller of the two buildings will house the music department. It will include rooms for storage, practice, and administration. It is to be constructed of masonry for the most part for good acoustics. It will include a theatre with a trap stage plus seating for more than 900 people, in addition to ample space for storage and practice, lobby, food serving, game room, ballroom, TV lounge, and offices for Student Government, Publications, Interfraternity Council, Union officers and other organizations.

All of the offices of the student organizations housed in the new center will probably be located on the third floor, which can be reached by outside steps. This makes possible leaving this area open while the rest of the building is locked.

Because the University increases in enrollment every year, space is being allocated for the purpose of the expansion of the new student center. This expansion space will be in the back of the new union, go-

ing in the direction of Carmichael Gymnasium. Another patio such as the present one in front of Harrelson will also be constructed in the rear of the new center.

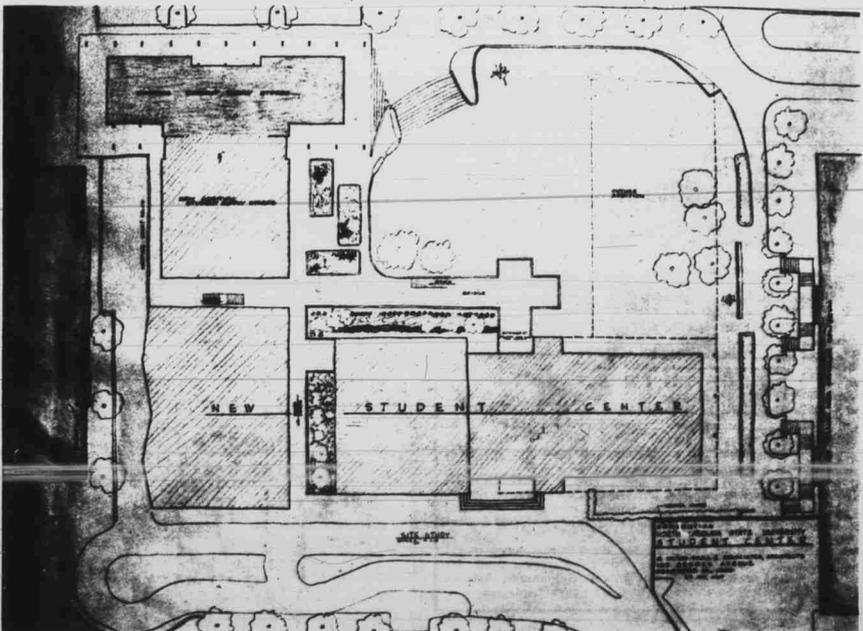
The proposed student center will be approximately three times the size of the Erdahl-Cloyd Union. The auditorium will be almost twice the size of the present Textile Auditorium. The cafeteria will also be twice as large as the present Union cafeteria.

The new theatre is not intended to replace the Frank Thompson Theatre. It will merely be used when the Thompson Theatre is not available or is not large enough to hold the number of spectators.

The proposed plans for the new center were only schematic drawings, not the finished blueprints. The schematic drawings showed the approximate size of the new buildings. Such things as bathrooms, elevators, and food service equipment are the only parts of the plans which are fixed. The size of the rooms used for offices, etc., have not yet been fixed, only their approximate sizes and locations. Much of the furnishing for the new center will have to come out of the \$3,000,000.

The completed plans for the new center will be released at a later date. Construction will probably not begin until January, 1968.

The Erdahl-Cloyd Union will be used for part of the expansion of the Hill Library and as a snack service.



# Humane Technology

There has been a great deal written and said in recent years about the critical shortage of scientists and engineers in the nation's graduating classes. The demand for technically competent people to man the increasingly sophisticated businesses and industries of the country is twice what colleges and universities can supply. More significantly, amidst a virtual technological explosion in this generation, the numbers of enrolling science and engineering students is actually declining.

Educators, writers, and public figures (including President Johnson himself) have been pointing to the statistics and urging young people to consider such careers more carefully. Industry leaders have been conducting virtual manhunts, swamping the colleges with recruiting teams, spreading the gospel to high school students near their manufacturing centers, and both demanding and aiding in the upgrading of grade and high school sciences to make technical careers less formidable. Starting salaries for engineers and scientists continue to rise—yet, the predominance of professional, liberal arts, and business students in college classrooms also continues.

It is perhaps fortunate that this is so. The shortage of technical graduates is forcing industry to seek replacements. It is becoming increasingly necessary to include all types of college graduates as possible additions to industry's manpower pool. The result of this substitution is a humanizing of the technical function. As technical competence becomes more demanding of a student's time, and as he becomes increasingly more narrow in his thinking and interests, we approach a point where our automated society tends to run away with itself. We lose our human qualities.

Most of us were somewhat appalled during our high school days at reading several of the best-sellers of the time: George Orwell's *1984* was one and Aldous Huxley's *Brave New World* another. The shock we registered at the conception of test tube babies, preconditioned to controlled intelligence and physical specifications before birth to fill certain designated labor or occupational needs, was an intense but short-lived reaction. We no longer have this awe and fear of technology becoming the master instead of the servant. Yet we should be even more aware of this possibility now that we are personally involved in the formative stages of such a transition.

We feel a tremendous obligation to keep up with the Russians in our "production" of engineers and in technological advancement. A long, hard look at the Russian educational system, however, brings back memories of those high school readings. A student in the USSR is classed at a tender age by his aptitude and intelligence. A specific educational and career course is outlined for him. Failure results in a demotion in the work class allowed him. He is not permitted to waste the system's time while he searches for the career that pleases him. He must serve the needs of the system; the system does not serve him.

The frightening pace of scientific and technological advancement must be seasoned with an appreciation of its application to human needs and desires. The presence of the non-technical person in tomorrow's science and industry, whether by our preference or out of necessity, can help insure this.

The law of supply and demand, through the lure of high salary, will eventually turn the tide towards technical study. We must not forsake, in the mean time, the traditional studies of humanity and its needs—for without this appreciation, our technology and its progress are a waste.

## Tidbits

Recent outcries from the direction of Sullivan Dorm informed us that their three elevators were inoperative due to a strike involving elevator repairmen. This situation was simply an exaggeration of the problems faced in vertical transportation for the occupants since the dorm opened in the fall.

It causes one to muse over the fate of next year's occupants of the new "tower" complex going up between Tucker and Owen. With only one elevator serving each of the nine, ten, and twelve story units it should hardly take a repairman's strike to cause similar outbreaks of complaint and tired legs.

If the extensive down-time of Sullivan elevators is due, as N. B. Watts tells us, to improper installation and faulty control equipment, it seems like five months should have been plenty of time to correct the flaws.

## the Technician

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## The Sounding Board

# State Needs Unequal Treatment

By ED MEEHAN  
Guest Writer

There is little question in our minds that membership in the Consolidated system is beneficial to N. C. State. The fact remains, however, that in some areas a little unequal treatment would certainly be a relief.

One of these areas is financing.

The costs of attending UNC (Chapel Hill, Greensboro, Charlotte) and State are approximately the same in the major items of tuition and fees. The cost of tuition, fees, room, board, and supplies for a state resident is between \$1300-\$1400 per year. The legislature is bound and determined to keep the cost to students in this same range regardless of the state of the dollar.

This explains, then, the rise of the unpainted dorm room, the lack of funds for needed library space, and the overcrowded cafeterias. It explains why more and more functions of the University are being put on self-liquidating, loan repayment schemes whenever additional capitol is needed.

Some inequities that already exist because of this uniformity of economic matters are inevitable. The fact that students pay the same rental fees to live in the oldest dormitories on campus (with cracked walls, bare light bulbs and one electrical outlet) as others pay for the newest dorms (with suite-type arrangements far more suitable for studying and living) is unfortunate.

It is perhaps also unavoidable.

The fact, however, that students at both State and UNC in Chapel Hill are provided the same services and pay the same costs is not so unavoidable.

The General Assembly wants to keep the cost of education in the State within the reach of the greatest number of

families. At a general education school like Carolina this is a valid effort. At a university like State where students have a career in mind at freshman registration it is not valid. The State student faces the disadvantage of entering a restricted field of endeavor with his specialized degree and technical education. He is aware of this but believes that the advantages in job security and salary outweigh the restrictions.

Unfortunately, the advantages stand no chance of affecting his years in the University. The limit he may spend in a sensible manner (for his unpainted dorm room) is set at a certain maximum. He earns enough at a summer job, quite often, to pay for the entire year if he could save it all. He has earning potential far above the Carolina student simply because he is being trained to do a job, a specific job. Yet, he receives equal treatment whether he likes it or not.

This is not to say that higher education deserves no more financial support. Actually, this kind of help is what it most needs. Nor is it true that State students can afford higher fees without lowering enrollment. It is suggested that anyone with the intelligence to complete four years of State can find the money to do it.

There exist many forms of financial aid, the most important of which are based on the principle of repayment of loans after graduation. The National Defense Education Act loans and government guaranteed commercial loans are such programs. The federal-sponsored work-study program is another non-giveaway plan which allows a student to pay college expenses through an exchange of money for work. And, of course, there always remains the opportunity to work one's way through school. Almost a forgotten art, working is still employed by many students as a way to offset expenses of education.

For the technical student this job is made easier. Instead of upgrading the facilities of his school, however, the State encourages him to waste his money and depend on others for tuition and fees. Summer earnings are gone by October and the doler from home becomes God. This is sad.

State needs unequal treatment. The rest of the world runs on a supply-and-demand, get-what-you-pay-for system. Why should the University be exempted?

## Bob Spann

# Half Of The Coin

"Look at those rotten kids—laughing, joking, carefree, having a ball—on our taxes!"

The following quotation was the caption for a cartoon, "The Cynic's Corner," appearing in a recent edition of the *Raleigh Times*. It was said by an elderly woman as she and her companion watched students on their way to class.

On the surface, her statement is a truism. Students appear to have a ball in college. Pick up any newspaper and you can read about wild fraternity parties, promiscuity and drugs on campus, and on and on. Attend any football game and you can watch any army of coolers and glowing faces invading the stadium. Ask any adult and he'll tell you how carefree college life is.

But this is only half the coin or better yet only the milling on the edges of the coin. Attending college is, in actuality, just plain hard work.

The average student spends fifty hours or more a week in class and studying. If a student is carrying 17 credit hours he is probably in class at least 21 hours a week. On top of that he is expected to spend two hours on outside work for each hour he is in class. This 60 hours or so a week is quite a lot when you consider that the average man works only 40 hours a week. And at least five of those hours are spent on coffee breaks or just plain goofing off.

In addition, a large percentage of students work while in school. Almost all students work during the summer vacation.

If all this were not enough for 'Joe College' there are also numerous extra curricular activities. Students participate in intermural and varsity sports, publications, student government, numerous clubs or their own particular hobbies.

Numerous other strains are also placed on the college student. One of them is rules.

When a student applies for admission to a college, he is told that he must be of superior nature and possess great intellectual qualities in order to be admitted. Once he reaches college he is told that he has great potential and a superior mind.

However outside the classroom or orientation speech he finds a different picture painted. The student is not expected to be capable of deciding when and where he will drink. He is unable to decide where he will live. He does not know when to make noise and when to be quiet. All this and more the administration decides for him.

The student also faces a maze of restrictions in the academic area. He is not free to pick and choose what he wants to study. Quite to the contrary, his courses have already been picked out for him, often three years before he will take them.

Once in the classroom, he finds that education is not the search for learning, but a spoonfed process of assimilation. There is no opportunity or time for independent study or creative thought. Instructors dispense knowledge during their lectures. The student then memorizes it and feeds it back on a quiz, the nearer verbatim, the better.

Yes Victoria, those kids might be in school on your taxes, but they're not carefree.

## Editorial Page Policy

The second page of *The Technician* is reserved as an open forum for opinion. Unsigned articles appearing on this page reflect the opinion of the editor. Signed articles reflect the opinion of the author and need not represent the view of *The Technician*.

Letters to the editor for publication in *CONTENTION* should be typewritten and triple-spaced and must be signed. Names may be withheld on request. Letters will be edited for libel and clarity only. Grammar and spelling are the author's own.

Longer writing submitted for the editorial page should be directed to *The Sounding Board*, an open column for student or faculty writing of an editorial nature. Articles should be limited in length to three pages triple-spaced.

# CONTENTION

## To the Editor

This past Sunday I attended the second meeting of the Raleigh Peace Vigil. This was an organization meeting at which decisions were made as to the date, time and place of the Raleigh vigil. (This information will soon be released by the coordinating committee.) The most impressive elements of the meeting were the individuals who attended. There were members of the NCSU faculty, members of the Raleigh clergy, members of the local community and several State students, myself included. There were no bearded protesters, no irrational doves, no outside instigators, and no emotional appeals. The individuals attending this meeting were there because they were joined by a common feeling on the war in Vietnam.

The vigil itself is a public non-violent reminder that Americans are killing and being killed in Vietnam. Those persons participating in the vigil will give one hour of their time per week to stand on the edge of a downtown Raleigh sidewalk in silent meditation for those who have been killed as a result of the war and in silent protest of the war. The vigil line results from completely voluntary action on the part of each individual in the line. And, a person may join the line at any time and may leave it at any time.

The semi-religious nature of the vigil tends to confuse the issue. There are the elements of individual commitment and of silent meditation; but, that is the limit of the religious connection. Also, the vigil is not a politically oriented action. It may influence U.S. policy in some way but this is not the purpose of the vigil, either locally or nationally. It serves the function of regularly reminding the public, as well as our government officials, that people do care about the disaster that the war is causing in human terms and that our policy makers must not forget this fact.

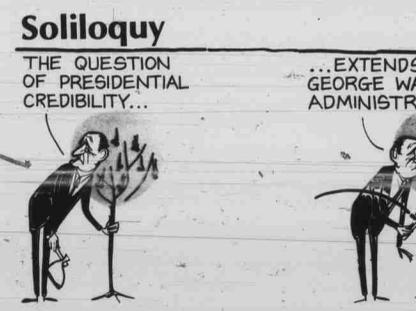
I urge all State students to give some consideration to joining the vigil when it begins, not because of what I have said, but because you may feel that the war is unjust and because you may desire to express that feeling in a quiet and respectful manner. But remember, standing in the line won't be easy, it will take a strong personal courage.

As a personal note, I would like to extend an invitation to Gian Carlo Duri to join the vigil when it begins. I feel confident that there will be more than one State student present.

Frank F. Bateman, Jr.  
Jr. Political Science

## Soliloquy

THE QUESTION OF PRESIDENTIAL CREDIBILITY... EXTENDS BACK TO GEORGE WASHINGTON'S ADMINISTRATION... I FORGET HOW HE HANDLED THE SITUATION!



# '67 Assembly Vital To State

(from The Raleigh Times)

The 1967 General Assembly could well be known in history for the way it handles higher education. There will be the inevitable smaller and perhaps noisier issues, to be sure, issues such as brown bagging or liquor by the drink. But, the big one must be the way higher education is handled.

It appears now that the basic decision will be this: Will the directions of higher education in North Carolina be determined by politics, or by the calm and knowledgeable studies made by educators? In a recent interview, Lt. Gov. Robert Scott said: "I hope there is not going to be too much involvement of politics—too many decisions based on emotion. This is a matter for the educators."

Scott was referring to the university status drive skillfully mounted during the past year by East Carolina College advocates from the political stumps across Eastern North Carolina. This has been a campaign aimed by politicians at the political arena of the legislature. If this campaign should succeed, the future of higher education in North Carolina will be moved from the natural arena of the good campuses to the political arena of the stump speech and the vote trading and the demagoguery with which such things must be surrounded.

The ECC drive for separate university status is more than that. It is a campaign against North Carolina's 35-year-old one-university concept, a concept which has served this State and her people well. If ECC succeeds in breaching that concept, North Carolina will be the loser.

The ECC campaign also is, in actual effect, a campaign against Chapel Hill. Much of the ECC propaganda has consisted of remarks which can only be interpreted as attacks on Chapel Hill.

This is the background against which the 1967 Assembly must decide the future of North Carolina's higher education. It must be the weighing of the stump speech against the carefully-reached verdict of the educators who have studied ECC and its readiness or lack of it. It must be the weighing of the propaganda barrage against the recommendations of the State Board of Higher Education in this matter.

The men who will make this decision cannot afford to forget any of the things which have gone into the one-university concept. They cannot forget the vision of Max Gardner which brought the one-university into being at a time of great depression. They dare not forget the vision and the wisdom of the trustees through the four decades of consolidated university life who have not only kept Chapel Hill in the forefront of higher education in the country, but who have brought N. C. State its stature of real academic greatness. They must not forget the action of the 1965 legislature in deciding that the future of both Charlotte College and of the State as a whole could best be served by bringing Charlotte within the university framework where its growth could be carefully nurtured and guided into the most profitable channels.

All those decisions, from the days of Max Gardner, were made for educational reasons—not for political reasons. And, all those decisions have paid off.



Sometimes people are slightly naive. I found myself a member of this growing class of people who were being very naive about the Vietnam war. The government published statistics concerning our losses and I believed them.

Last year it was difficult to believe that a credibility gap could exist in the United States. We are the best informed people in the world, now, or at any other time in history. Are we? Within the past week the American public has learned that our aircraft losses are almost precisely doubled the published number.

Waivers are being granted up to 29 years of age for aviators. This is an increase in the age limit by three years. You had better believe that there is a shortage of pilots. The government is belatedly acknowledging this fact.

The government rationalizes their statement by saying that they did not want the Viet Cong to know how effective their anti-aircraft fire was. Did they confuse them? The enemy's estimate of our combat aircraft losses seems to be very realistic.

It has been suggested that we should try to win this non-war by going all-out to win. This would entail a great deal of criticism of our rather thin-skinned leader. It might, however, open a rather embarrassing pocket that our government has taken. If the war was ended, what would be the long range effect? We could end these communist-inspired wars of liberation if they see that we will not tolerate them in any guise.

A Communist take-over of a country is not a pleasant thing. The first people to be eliminated are the liberal intellectuals. This does not mean that they will be executed, but they will be silenced. The peasants are not as fortunate. If they do not conform to the "mass line," they are eliminated as a threat to the party. With this in mind, it is difficult to understand how the United States can ever reject a plea of assistance from a free nation. This is a costly thing to do, but we can not ignore a request of this nature and still face ourselves.

The citizens of South Africa should be congratulated. They are informing the world that the sailors of the aircraft carrier *Franklin D. Roosevelt* as a good-will gesture donated 80 pints of blood in Cape Town. The sailors leave was cut short due to the apartheid policy. The blood was donated in an integrated facility but was marked with the racial group of the donor.

It is strange that an American warship should place its crew in such a delicate situation. It is also strange to find a nation that is so dedicated to its political religion that it has chosen to ignore the twentieth century. There is a greater danger that the twentieth century will ignore the people of South Africa.

It may have taken several months, but Raleigh now has its own peace vigil. The vigil is not necessarily a war protest. It is aimed at ending the war in Viet Nam. The coverage of other vigils has shown that the major accomplishment has been to bring out some of the local kooks or to be totally ignored.

# State's Graduate Students Vary On Definitions Of Themselves

By Sue Smith

He teaches students, carries on research, attends classes, does homework, and — in his spare time — raises a family. However, the graduate student is human.

"A graduate student is one who goes above and beyond the call of duty," says Jack Allevitch, a civil engineering graduate student; "A graduate student does outside research on what the professor says in his class."

Jamie King, a graduate in botany, feels that "a graduate student has two functions: first, to help the college with its self-perpetuation, and second, to be an 'in between' man between the student and professor."

In each department, however, the graduate plays a different role. Most teach students between their own classes. They also assist the professor in research and teaching. They then do research on their own for the upcoming thesis or dissertation.

In most departments there is a certain format of study. Rick Holley, a graduate in Chemical Engineering, said that in his major field "the first year is spent on course work. The second year the student begins to think in terms of his research project and by the end of that year he is ready to begin work."

Most graduate students are married, and many have children. Most attend school either on a grant, fellowship or with the help of their "better half."

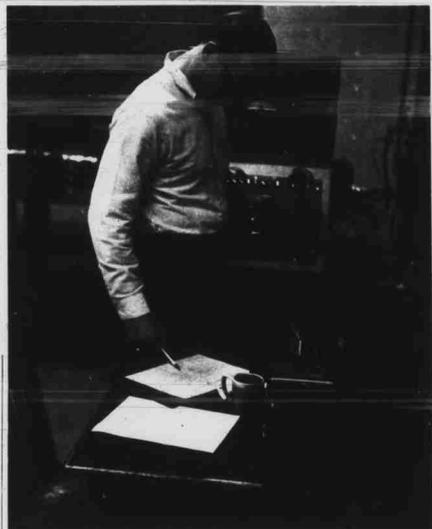
The field of Applied Mathematics, the Ph.D. is almost like a Union card. It is essential to gain a Ph.D. in order to teach Applied Math on the college level.

Fred Toney, a graduate student in Applied Math, is doing research on "Involuntary Matrices," the title of his dissertation. James Watson, also in Applied Math, is researching and writing on "Calculus of Variations and Optimum Controls Theory."

There is a significant differ-

ence in the Master's Thesis and the Ph.D. dissertation according to King. The thesis is the discussion of a problem in one's field of study. The dissertation is termed by King as "an original contribution to science."

A graduate student partici-



Now lemme see—three-fourths tablespoon sugar, 2 ounces cream, one-quarter ounce of coffee. Ah—now I have it! (Photo by Stevens)

## Spivak Will Perform In Keyboard Series

Raul Spivak, musician-in-Residence at State, will perform the third concert in his popular series "Perspectives in Music Through the Keyboard" on Sunday, February 19 at 3 p.m. in the Union.

Post-romantic and impressionistic composers will be featured in the program. Ravel's *Gaspard de la Nuit*, consisting of three short works inspired by poems of the French poet

Aloysius Bertrand, deserves special attention. Preceding each of the numbers Barry Corbin, of the Thompson Theatre staff, will read the poem that inspired each composition.

Works by Brahms, Debussy, Scriabin, and Rachmaninoff are additional features included on the upcoming program. Spivak will conclude his performance with two excerpts from Musorgsky's "Pictures at an Exhibition."

## "Be More Than A Number"

### Technician Drives For New Members

"I'm tired of being just a number." This common complaint echoes from freshmen and seniors alike. For the seniors it is perhaps a lost cause. The frosh still have a chance.

A popular approach to the universal "search for identity" on the State campus has been to enter into student activities. *The Technician* has emerged as one of the major centers of student activity in recent years. With a staff membership of some fifty students and an annual budget of nearly forty thousand dollars, the newspaper is a prime mover in University life.

Currently *The Technician* is recruiting fresh blood for its news, features, and sports writing staffs, according to an informed source. The recent expansion to three issues per week has increased the demand for writing trainees. In addition to training in all phases of newspaper publication, the paper offers a background of participation to supplement the academic record.

Interested persons, regardless of experience, are invited to attend an organizational meeting in room 248 of the Union Monday night at 7:00.



### Candlelight And Poetry

Poetry, folk music, coffee, apple cider and real doughnuts are features of the Bar-Jonah coffee house. Bar-Jonah will celebrate its first anniversary this Sunday.

Over the past year, Bar-Jonah has featured such entertainment as the Wesleyan performers with Spoon River Anthology, Guy Owen reading his poetry and student folk singers. Subjects ranging all the way from religion to art and war to sex have been discussed many a Friday and Sunday night over a cup of coffee. (Photo by Holcombe)

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**INTERVIEWS: FEBRUARY 14-17, 1967**

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# Duke Gets Big Scare From Sophs But Verga Ends It With 28 Points

by Harry Eagar  
Technician Sports Editor

State's effort in the Coliseum Wednesday probably wasn't their best this year; their humiliation of Carolina may have been better, but not by much.

If anyone had any doubts about the ability of the four soph starters, and plenty of people did, it was blown away forever by the game with vastly more powerful Duke.

Outweighed, outstretched, and outpaced by the bigger, older Devils, the hustle all over the court kept teams, spectators, and the game on edge for forty full minutes, until Duke finally finished it, 69-65.

Little Nick Trifunovich had 19 points and innumerable passes and assists, particularly to Jerry Moore, who also had 19 markers.



The end result of a drive the length of the court: two points for Nick Trifunovich. McKalp, Kolodziej, Reidy, and Kretzer in the background.

The Wolfpack came out to stop Mike Lewis, mild-mannered center from a small Montana town, who kills teams for Duke and did it by keeping a tight zone around the key the whole game. Lewis was held to ten points and, more important, was blocked from acting as a pivot for Duke's flowing offense.

Keeping the blanket on Lewis left a Duke forward, usually Tim Kolodziej, open in the corner, but Duke took little advantage of this.

The key to the game was guard Trifunovich against guard Bob Verga, the high scorer with 28 points and a 50 per cent floor average. Trifunovich kept the pressure on Verga during the game, but the flashy guard's long bombs could not be defended. At one point early in the second half when the teams were within two or three points, Duke scored on four successive possessions, three of them on long shots by Verga.

State continued in last place with 0-8, and continued in its record losing streak. Duke is 11-5; State 4-13.

State started without leading scorer Dick Braucher, who has a wounded knee. More sorrows came when starter Bill Kretzer, also a scoring leader, fouled out with nearly eight minutes left.

Joe Serdich started in Braucher's place and turned in a good performance, netting 11 points, though he accumulated four fouls in the first half and watched much of the game.



Bill Mavredes scores two of his nine points with Tim Kolodziej (31), Mike Lewis, Ron Wendelin (22), Bob Reidy and Bob Verga helpless to stop him. Joe Serdich follows the action, but the basket didn't keep Duke from winning its sixth ACC game, 69-65.

## WOLFPACK Sports

### Noting the Pack

Gary Rowe's teammates elected him to receive the annual Governor's Award at the Duke game as outstanding Pack footballer for his record breaking play this year. Co-captain Rowe smashed records for game, season, and career pass catching and yardage, was named MVP at the Oyster Bowl, and scored twice in the North-South All-Star Game.

Carolina game tickets (for Tuesday's game) will be available today only, from 8:30 a.m. to 4:30 p.m. at the Coliseum Box Office. State is the one of two teams to scare the Heels this season, and recent excitement promise a repeat performance against the number two ranked team of Dean Smith.

Students interested in trying out for the tennis team should meet in Carmichael Gym, Room 235, Tuesday, Feb. 14, at 3:45 p.m. with Coach Norman Chambers.

The rugby team's third season begins next Sunday at Duke. The team will begin practice Tuesday. Anyone interested in trying out, should report to the intramural field Tuesday or Thursday at 4:15 p.m. or call Junius Andrews, 834-9151.

Jeff Herman and John Lawrence, will race against the Terps' Dave Heim, their summer teammate on Philadelphia's Vesper Swim Club.

Earle Edwards is looking for a starting backfield starting tomorrow when spring football practice gets going.

All-ACC John Stec and Bill Gentry have left, but All-America Dennis Byrd returns with a flock of experienced soph and juniors plus some good freshmen, including soph offense leader Charlie Bowers, a half-back.

In the last issue of the Technician it was stated that the fencing team won five medals in the North Carolina Open Championships. This was in error. Ray Lamont placed third in foil to gain a bronze medal. This gives the team a total of six. Lamont was 3-2 and not 2-3 in the final round as stated.

Sports action here today in-

### Pack Track Busts Marks On Planks

State's blazing mile relay team smashed all previous records as it set a new standard of 3:19.5 at the VMI Relays this past weekend. Composed of sophomores Richard Trichter, Jeff Prather, Ron Sicoli and senior Ron England, the team clipped two seconds off the old mark held by Tennessee, and three-tenths of a second off the all-time Pack record. It is the second fastest indoor mile on record in the East.

As a result of last week's showing, the team has been invited to this weekend's U.S. Track and Field Federation meet at New York in Madison Square Garden. At this same site two weeks ago Trichter had the honor of competing in the famous Millrose Games.

At the recent State-Virginia basketball game the team's three sophomores, along with soph Bob Svoboda, were presented awards for their record mile effort at last spring's South Carolina Relays. At 3:18.8 it is a full second better than the varsity's record.

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## CAMPUS INTERVIEWS

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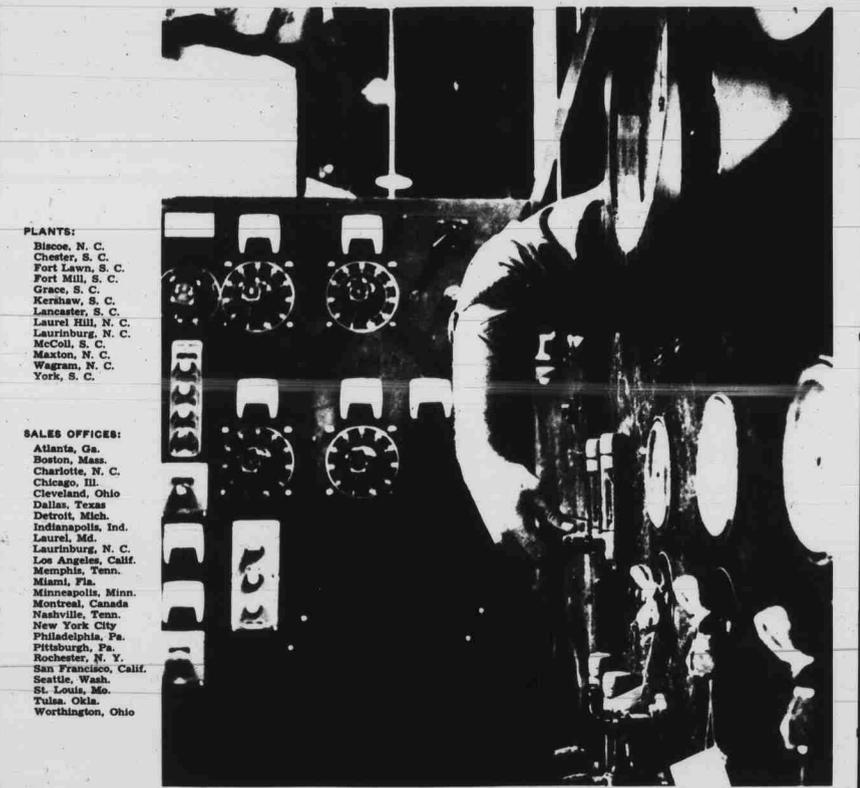
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