

# The Technician

North Carolina State College's Student Newspaper

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State College Station, Raleigh, N. C.

Thursday, Jan. 7, 1960

## Seek New Members

### Student Toastmasters Invite Participation

"To State College students who are desirous of practicing and improving their speaking abilities, The Student Toastmasters Club extends a cordial invitation to all students on Tuesday, January 12, to attend a special program," said Ray Winton, president of the State College chapter of the Toastmasters Clubs of America, in an interview with The Technician on Tuesday night.

Winton further stated that the special program would require a dinner reservation which may be picked up at the College Union main desk until Saturday, January 9, by any student interested. The program will consist of guest speakers from two faculty Toastmasters Clubs, in addition to the usual student speakers, in order to demonstrate the manner practiced in a chartered Toastmasters Club.

"The Toastmasters Clubs of America. These organizations are of a national club, of individuals who seek self-improvement of their speech delivery," continued Winton. "It is composed of people who realize the immense value of a good speaking ability, and who are interested in developing this ability."

The national organization boasts many members in the professional and the business worlds, who often times attribute their successful positions directly to the practice and confidence that they gained in the Toastmasters Clubs.

"These men were not natural speakers; they developed their speaking abilities through their own interests and through the Toastmasters Clubs. These men were not interested in becoming orators, but were interested in advancement and leadership of their own small business groups and committees."

"It is these men, of confidence and small experience in oration, that are the leaders, the men of well-paid and responsible position, that form the backbone of our country."

"On the State College campus exists such an organization, an off-spring of the National Toastmasters Clubs, open to the students. It is known as the Student Toastmasters Club and operates by the same methods

(Continued on page 8)

## Annual 'Fine Arts Festival' Features Professional Acts

State College will hold its annual "Fine Arts Festival" February 11-23 at the College Union.

The festival includes professional acts as well as acts presented by college students.

Lorin Hollander, 14-year old concert pianist, will open the festival in William Neal Reynolds Coliseum Thursday February 11 at 8 p.m. This presentation will be sponsored by the

Friends of the College, Inc.

Hollander's performance will be the only activity taking place in the Coliseum. The remainder of the performances and displays will take place in the College Union.

Paul Green of Chapel Hill will give a talk pertaining to outdoor drama. This year's appearance will be Green's second in the festival. The talk will be given at 8 p.m. (February 12).

His talk is sponsored by the College Union Library Committee under the chairmanship of Joyce Meares of Raleigh.

The East Carolina College Concert Band, under the direction of Herbert L. Carter, will perform at 3 p.m. February 14. The concert will be sponsored by the College Union Music Committee under the chairmanship of Bob Burgess of Dumont, N. J.

"Good Design '60" produced by the college's School of Design will go on display at 8 p.m. in the College Union Gallery starting February 14. The display is sponsored by the College Union Gallery Committee under the chairmanship of Fred Greiger of New York, N. Y.

The Duke University girls' Physical Education Department, under the direction of Mrs. Julia Ray, will demonstrate Modern Dance at 8:30 p.m. February 14. Modern Dance is sponsored by the College Union

Dance Committee under the chairmanship of Houston Gay of Charlotte.

International Folk Songs and Dances will be presented at 8 p.m. February 16. The Songs and Dances are sponsored by the College Union International Committee under the chairmanship of David Finkelstein of Lima, Peru.

The State College Symphony Band, under the direction of Robert A. Barnes, will present its annual Winter Concert at 8 p.m. February 19. This concert is also sponsored by the College Union Music Committee.

The Theatre Committee, under the chairmanship of Gil Adams of Raleigh, will present a One Act Play Festival at 2 p.m., February 20. The one act plays are to be performed by various schools and colleges in the State. Womans College is one of the colleges to participate in this event.

## National Photo Contest Deadline Set For March

Deadline for the Fifteenth Annual College Photo Competition has been set for March 11, 1960.

The contest, the only one run by and for college students throughout the nation, is sponsored by Kappa Alpha Mu, photojournalism fraternity, the National Press Photographers Association, and the Encyclopaedia Britannica, with the cooperation of LIFE Magazine and the Association of College Unions. Judging will take place

March 19 at the School of Journalism, University of Missouri, Columbia, Missouri.

The winning pictures will be displayed at the KAM national convention late in March and then will be sent to college unions, libraries and museums throughout the nation.

### Classifications

A student may enter pictures in the portfolio category, or in the news, feature, sports, creativity, portrait or picture story classes. Winner of the portfolio earns an all-expense paid week at LIFE. All first place winners receive a set of the Encyclopaedia Britannica, and all second and third placers are rewarded with plaques, trophies and World Language Dictionaries.

Here, indeed, is your chance to earn nation-wide recognition and some mighty fine prizes for yourself, as well as considerable honor for your school.

For rules and entry forms, write immediately to Vi Edom, KAM National Secretary, 18 Walter Williams Hall, Columbia, Mo., or write to Mike Lea, Box 5698, State College Station, Raleigh, N. C.

## State's Genetics Department Receives \$53,820 Grant

The National Institute of Health has made a grant of \$53,820 to the Genetics Department at North Carolina State College. The money will be used for basis research.

Scientists will use the grant to study the "Evolution of Two Genetic Systems in Drosophila." Drosophila is the common fruit fly, which is used often in scientific studies.

Dr. L. E. Mettler, who will head the project, says "the work will be designed to test certain theories on how evolutionary factors operate in populations. In other words, "Dr. Mettler explained, "we hope to show how populations—whether they are plant or animal—will change over a number of generations due to evolution."

Co-investigator of the project will be Dr. Ken-ichi Kojima. Mrs. Jean Brown will serve as a research assistant on the project. Other help will come from Jean Coulson, a graduate student.

One other research assistant and two more graduate students will be named to work with Drs. Mettler and Kojima.

Theoretical work on the project was done at State College by Dr. Kojima and Dr. Richard Lewontin, now at the University of Rochester.

## Institute of Religion Opens Series January 18

Six outstanding moulders as well as observers of public opinion will feature the 21st annual Institute of Religion series sponsored by the United Church on six consecutive Monday nights beginning January 18.

"Shaping the Mind of Our Times" is the general theme for this year's program. The head of the nation's overseas propaganda agency will open the Institute, and on subsequent Monday nights speakers will be a former Assistant Secretary of State, news analyst, national church official, author, and Catholic layman and journalist.

In the tradition of the Institute, a variety of classes will be offered preceding the main address. A series on "The Moral Responsibility of the Mass Media," organized by Mrs. Mary N. Yionoulis, will be sponsored by the Raleigh Chapter, American Association of University Women. The State College Chapter, American Association of University Professors, will sponsor "The Role of Higher Edu-

cation in Our Society," organized by Dr. Howard Miller.

"Spiritual Themes in Contemporary Literature" will be organized by Mrs. E. C. Schwertman of the State College English Department. Finally, "Citizen Consultation on Southeast Asia: A Study Course," organized by Mrs. Roy N. Anderson, will be co-sponsored by the National Commission for UNESCO, the Raleigh Junior Chamber of Commerce, the Raleigh Junior Women's Club, the American Association for the United Nations, and the International Affairs Department of the Raleigh Women's Club.

All sessions will be in the United Church and are open to the public. A fellowship dinner will be held at 6 o'clock, tickets for which will be \$1.25 each or \$7 for the entire series. Reservations must be made with the church office before noon each Monday. Classes will follow at 7:00, and persons attending the classes will be given reserved seats at the 8:00 main session.

## Campus Crier

State's Mates will meet on Monday January 11, at 8:00 p.m. in the College Union. The theme of the program is "Family Cuts".

All student wives will be bringing articles for display made by themselves or their family.

Mu Beta Psi, honorary music fraternity, will again hold an "Alma Mater" contest. Several times during the next two weeks "roving" members will be around the campus looking for students who can sing the Alma Mater. If the student can sing the Alma Mater, he will be presented with \$10 in cash. The object of this is to try to get more students to learn and know the Alma Mater better.

Mr. W. H. Arnold, Jr., Supervisor of the Reactor Physics Group, Reactor Development, Atomic Power Department, Westinghouse Electric Corporation, Pittsburgh, will be the

speaker at the Physics Seminar on Monday, January 11, at 3:00 p.m. in Riddick 242.

His topic will be "The Use of Multigroup Methods to Predict Critical Masses of UO<sub>2</sub>-H<sub>2</sub>O Systems." Those interested are cordially invited to attend.

The deadline for making reservations for the cruise to Nassau during the Easter holidays will be 11:00 p.m., Sunday, January 10. Reservations may now be made in the College Union Activities Office.

Other colleges who will participate in this cruise are Women's College, Wake Forest, East Carolina, and the University of Florida. Woman's College and East Carolina plan to join the State students for the trip to Miami by train.

The Agronomy Club will meet in Williams Hall Thursday, Jan-

(Continued on page 8)

## Final Examination Schedule

CLASSES HAVING FIRST WEEKLY RECITATION ON	WILL TAKE EXAMINATIONS
Tuesday—2 o'clock or arranged classes	8-11 Monday, January 25
Tuesday—11 o'clock	12-3 Monday, January 25
Monday—9 o'clock	3-6 Monday, January 25
Tuesday—10 o'clock	8-11 Tuesday, January 26
Monday—11 o'clock	1:30-4:30 Tuesday, January 26
Monday—8 o'clock	8-11 Wed. January 27
Tuesday—8 o'clock	1:30-4:30 Wed. January 27
Tuesday—9 o'clock	8-11 Thurs. January 28
Monday—10 o'clock	1:30-4:30 Thurs. January 28
Monday—2 o'clock	8-11 Friday, January 29
Monday—4 o'clock or arranged classes	12-3 Friday, January 29
Monday—1 o'clock	3-6 Friday, January 29
Tuesday—3 o'clock or arranged classes	8-11 Sat. January 30
Tuesday—4 o'clock or arranged classes	12-3 Sat. January 30
Monday—3 o'clock or arranged classes	3-6 Sat. January 30

1. This schedule does not apply to students being graduated at the end of the fall semester (see below).

2. Examinations will begin on Monday morning, January 25.

3. Other than arranged examinations for seniors, no examinations will be scheduled or held by any member of the faculty before January 25.

4. Examinations will be held only between the hours indicated.

5. The examinations will be held in the rooms where classes recite.

6. Courses having both recitation and laboratory hours should use the class hours for determining when the examination will be given.

7. In the schedule, the term "Monday" applies to classes having their first meeting of the week on Monday, Wednesday, or Friday; the term "Tuesday" applies to classes having their first meeting of the week on Tuesday, Thursday or Saturday (i.e., a class holding its first meeting of the week on Wednesday at 10 o'clock will take the examination as a Monday 10 o'clock class provided no student in the group has a regular class on Monday at that hour. If so, the examination will be an "arranged" examination.)

8. The examination for any class not covered by this examination schedule will be arranged at one of the prescribed "arranged" periods.

9. Final examinations must be given on all courses. Any exceptions must be approved by the Dean or Director of Instruction.

10. Prepared according to policies approved by Faculty Senate, Officers of Student Government, College Schedule Committee and College Admissions Committee.

**FINAL EXAMINATIONS FOR GRADUATING SENIORS**—By action of the Faculty Senate and the Administrative Council, a student who will graduate at the end of this semester will be excused from the final examination in all courses in which he has earned a grade of "A" or "B". Graduating students will inquire of instructors whether or not they are to be excused. The determination of the instructor is final. A graduating senior with less than a "B" average in any course must see his instructor to make special arrangement for that examination. Grades for all graduating seniors must be in by noon on Friday, January 29.

EDITORIAL COMMENT

# Agromeck Vs. S. G.

And the battle wages on. In the last issue of *The Technician* before the Christmas holidays, the Student Government president picked an opportune time to strike out against the policies of *The Agromeck*, photography policies, initially, and later, the policies used in obtaining a staff. And now in this issue, you will see an answer to the President's accusations from the Editor of the yearbook.

It seems that both of these campus leaders have agreed on one point — namely, that the taking of pictures for this year's *Agromeck* has not been as well co-ordinated as in year's past. So let us not quibble on this point.

However, there seems to be a great deal of disagreement concerning the policies that the yearbook is using in selecting its staff. This is not a new charge and it is not a new situation. But, this is the first time that the charges and situations have been brought to the public's eyes.

The S. G. President does not like the idea of the yearbook having a "tendency to become localized outside of *The Agromeck* office." But, as the Editor of the yearbook explains, with actual localization, photography situations as the ones this year "were nil".

Of course, we all realize that localization does exist. But we also know that the *Agromeck* office is not the only office on campus where this situation exists.

The Editor of *The Agromeck* chose not to make a counter-charge in his rebuttal to the President, of the Student Government. However, but for his graciousness, one could have been made, and made well.

Forget the fact that the job is being done in a particular housing area. The important factor is that the job is being done and done well.

—JM



MISS ARMPIT—1960

## Rambling 'Round

By Harvey Horowitz  
You students of basketball who didn't get to the Dixie Classic this year really missed a chance to learn something new about the sport—Carolina runs a beautiful seven-man weave. I do not mean to insinuate that our 'noble' neighbor institution does not have a good team this year, but they were certainly getting a lot of help from the boys in the striped shirts in the games that they won.  
Wonder of wonders; Carolina played Wake Forest and there wasn't a fight afterwards. Now how in the world did that happen?

I hate to ask again, but aren't any of you boys going to come along to Nassau with me? The deadline for your deposit is January 18, and that's pretty soon. Get on the stick!

My contacts at WKNC inform me that their plans for broadcasting until three in the morning have not been dropped; preparations are in progress. Watch for an announcement from Station Manager Kent Watson.  
A reliable source has informed me that Glenwood Ave., in the vicinity of the Colony Theater, was literally paved with copies of the Christmas edition of the paper. So who dropped their copies on the way home? All of us?

How come only half the rooms in each suite of the new dorm get decent heat? I've been told by the boys in the front half of my suite that their rooms are often chilly when mine is sweltering.  
I've been told that the Union will start their Sunday afternoon duplicate bridge game this Sunday, so come on over, all you bridge sharps! By the way, it seems that lately the duplicate games at the Union attract more people than any of the various clubs in Raleigh.

I personally feel no animosity towards Coach Case in this, his first losing season. (At least, it looks like one right now.) Remember, he has had thirteen winning seasons in a row! But I do like to hear McGuire cry over his TV show; Frank blames his defeat on the absence of Moe and Kepley from the lineup!

I hope every one of you had an enjoyable holiday. . . the latter part of January looms ahead, and that we shall not enjoy: eat, drink and be merry, for tomorrow ye may have exams.

### A Word of Caution

By Reid Hinson  
Clerk, Campus Code Board

There are a great number of students firing fireworks before a vacation of any sort as evidenced by the large number of firework cases tried by the campus Code Board after a holiday vacation.

A student's high spirits before the holidays may be dampened if he knows he has to face the 'Campus Code Board' after the holidays. Two students were tried for firework offenses after the Thanksgiving vacation because they fired fireworks the night before the holidays began.

Both received reprimands. They might have been more severely punished. However, a reprimand is not a light punishment. It is placed on the student's permanent record. A letter is sent to the student's parents explaining the offense and the resulting punishment. This could be rather embarrassing.

So a word of caution: Think ahead before lighting a fuse or throwing a firecracker. Think ahead even before keeping a few firecrackers in your drawers or locker. You can save yourself a lot of trouble and worry if you think of these things before the upcoming Semester break.

To the Editor of *The Technician*:  
I wrote a short letter, it may even be called a note, which appeared in the December 3 issue. There appeared an answer in the issue of December 14.

I am very sorry to say that the writer of that letter did not interpret my letter in the light that I wished. She seems to think that I am against the sorority. That is incorrect; I am not against it, and I cannot find in my letter any statement that says that I am.

For the benefit of those who cannot, and did not, understand my letter, I will go over the most misunderstood parts and explain them the best that I can.

The first line read: Some of the coeds at State are working for a sorority; the dream of the fraternities has come true. The writer of the letter of December 14 seems to think that the sorority was the dream of the fraternities. She may think that it was, but it wasn't. The dream of the fraternities that I was referring to was Fraternity Row. As much as it has been publicized, I thought for a certainty that people would know which dream I was referring to.

Another way in which one could tell that the sorority was not the dream of the fraternities is in the punctuation of the sentence. As it can be noted, there is a semicolon(;) between the two statements.

There was a bit of misunderstanding in the last paragraph, also. It is thought by some people that the sorority and the girls' dormitory should not be mentioned in the same letter, let alone in the same paragraph. I put them together to show an accomplishment (the sorority) and something to work for (the dormitory). I am sorry that more people did not read it in that way.

The writer of the letter of December 14 seemed to imply that I have a defeatist attitude because I am not a member of the sorority. I have no such attitude. I am working my way through State College and have

neither time nor money for such things. I think that the sorority is a great thing for the girls who can become members.

It was also mentioned that the defeatist attitude may have been caused by a failure in some way, such as trying out to become a cheerleader. I tried out to be a cheerleader; I am not denying the fact. I did not make the squad; I was one of two that didn't. I would have been surprised if I had made it, in fact, it would have been a shock.

Last year the upstairs of the Alumni Building was offered to the coeds. It will hold 22 girls, but only 16 showed interest. In order to get the building, 22 girls will have to live there all the time. If one leaves, one must take her place.

If 22 coeds would be interested in living in the Alumni Building next year, we may be able to get it. It will take a lot of hard work on the part of the coed leaders to get 22 girls who would be interested in living there. With the combined efforts of all of the coeds, I think that it would be possible.

Any coed that is interested, please leave your name and address in the Activities Office of the College Union. Thank you.

Ann Smith

To the Editor of *The Technician*:  
At this time each year the film Committee must begin to make selections for the next year's movies.

If you feel you are not getting the full benefit from this program, we invite you to come by this week-end or next weekend, the 16' and 17' of January, to the projection booth to make suggestions for future films as found in OUR CATALOGS, or see your local representative to the North Carolina State Legislature about changing the Umstead Act. Under this act, we, as a state organization, cannot compete with private theaters.

Any other suggestions you may have concerning the operations of the Film Committee will be appreciated.

The Film Committee

## The Agromeck Answers

I would like to formally apologize to every person and every organization that has suffered delays and embarrassment due to the taking of pictures for the 1960 *Agromeck*. If it were possible for me to apologize personally, I would do so.

As many of you know, the *Agromeck* has been blessed the past two or three years with an excellent photographer who had an abundance of time and a vivid realization of his duties. Unfortunately, graduation took away the core of our experience and left us with men willing, but unable, to cope with the necessarily tight scheduling of pictures.

The photography gripe in the article just before the Christmas holidays by the president of the Student Government had merit and was very worthy of recognition. The remainder of the article was what disturbed me, and I have a few comments to that effect.

Student participation. . . what is it and where is it? I ask this because I really would like to know. Two years ago, a very notable effort was made to stir up some photographers by writing individual letters to persons supposedly interested in the subject. Results—a dismal zero.

My three years in the Legislature of the Student Government has taught me one thing. Rather than beg or plead with people for help, save time and worries and do the job yourself. I ask you, is this student parti-

cipation? This definitely leaves a lot to be desired.

Now, getting to the "localizing" situation, I want to make one thing very clear. If there is one person or several persons that I can count on to get a particular job done, it is a person from the "localized" area. The problems this year came about through lack of "localization". When the *Agromeck* was really "localized", situations such as have occurred this year were nil.

The statement as to how the editor is elected each year was 100% correct. The Publications Board agrees upon a suggested person and he alone is placed on the campus ballot. If this election is ever thrown wide open to the campus—to anyone who thinks he would like to head the yearbook, experience or no experience—I hope that I'm not around to see the results.

You've got to realize the type of school that you are in. There are not enough hours in the day or days in the week to begin to do the kind of job that a yearbook requires. The two preceding the Christmas holidays, I spent 50 to 55 hours per week in the old *Agro* office, and yet I'm still supposed to be a student! Would you like to be next year's editor?

If anyone has any questions concerning what has happened or what I've said in this article, please see me or call me. I don't have time to write; I've got a yearbook to put out.

Charles L. (Scoffer) Jordan  
Editor-in-Chief, 1960 *Agromeck*

# HAPPY NEW YEAR

## The Technician

January 7, 1960

P. O. Box 5698—Phone TE 2-4732

137-140, 1911 Building

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# Soviet Education: Materialism, Idealism, and Technology

Thomas M. Johnston, Jr.

Associate Secretary, YMCA  
Member, US-USSR Exchange Program

In the Soviet Union whenever I stopped walking and started talking a crowd of curious and interested students gathered. Soon someone would get impatient with my faltering Russian and translate the endless questions: "What is it like to be a student in America?" "Can you change your curriculum?" "How can a worker get an education—isn't it just for the rich?"

The questions pointed to their problems and their misunderstanding of United States education. Through our conversations I discovered that the Soviet's educational system is different from ours and that we can learn from it. Its aim is concrete and materialistic; its method is through "polytechnic" institutions.

## Materialism

This fall the U.S.S.R.'s school system underwent its first drastic reform since the Revolution. The reform's purpose was to further implement the concept of polytechnic education, or, in Khrushchev's words, "to strengthen the link between school and life."

In the revision, manual and vocational training is increased at every grade level and a year of manual work is required before entering higher education. The child enters school at seven, preceded by years of "kindergarten" training. He enters eight years of "general education" that are compulsory and universal (an increase of one year in the new system). From the fifth grade he studies both Russian and a foreign language of his choice.

If the student shows promise, he may continue in to one of four avenues of education. He may be sent to a "trade school" for two or three years to prepare him for a professional or technical job. He may be sent to the "rural or urban secondary schools" for three years (many of these consist of night classes

and home study). He may be sent to the "advanced secondary school" for three to five years for a more specialized training. Or he may be sent to one of the "Special schools for the gifted" for two years.

Depending upon the student's work, his teachers' recommendations, and competitive exams, he may be offered the opportunity to enroll in the "higher technological educational institutions" or the "university for another five or six years."

"Why is all this vocational training so necessary?" I asked a friend named Volodia.

"We must have no students in the university who pursue knowledge for knowledge's sake," he replied. "We want to educate only those people who will apply in production the knowledge they have gained quickly and well."

## Idealism

Some have observed that now after thirty-two years for the Soviet Union to have to revise her whole educational program in order to make people think of themselves as workers indicates the failure of the system. However, among the Comsomol young people, I found that they did think of themselves first as workers and only then as students.

Part of this consistency may be attributed to the Communist youth programs. Almost all children from nine to sixteen including those of priests, are members of the Pioneer organization. Many of the best pupils then become members of Comsomol until age twenty-seven. The final stage is applying for membership in and being listed among the select eight million of the Party. These organizations cannot be underestimated in conditioning the attitudes and values of the people. It is not unusual for a child to spend more waking hours with his Pioneer leader than with his own parents.

Furthermore, unlike the attitudes in Poland, Czechoslovakia, and East Germany, the young Soviet knows no alternative to

his party. I was not surprised that "Surgie resented my assumption that he knew little about the United States. "We study your history and economy," he said.

I asked him what he learned. "Well," he hesitated, "all about your 9,000,000 unemployed, your education for only capitalists' sons, and your teachers who instruct in individualism that is a cloak for imperialism."

In all my conversations, I never met a Soviet who had been taught that we had State as well as private universities; scholarships and fellowships for education; medical insurance for students; and summer employment grossing \$600 or more.

Neither did Soviets know that the nineteenth century capitalism of which Marx and Engels wrote had evolved into a "Welfare State" with social security, workman's compensation, unemployment insurance, pension benefits, and strikers' subsidy. The United States they knew and the pre-revolutionary history they had known made Soviet students want no part of either.

## Technology

When I returned through Soviet customs, all my film was confiscated. I was told it would be developed inspected, and returned. I asked my interpreter to translate to the customs official that my film was Kodacolor and that it could not be developed in the Soviet Union. Instead of translating my anxious plea, he sarcastically replied, "Well, our scientists were the first to put up a Sputnik!"

Nothing illustrates better two qualities of the Soviet mind: the

anxious defensiveness arising from suppressed inferiority and the boastful success ventures in specialized technical fields.

Specialization is important in the polytechnic education. Boris did not call himself an electrical engineer but a "specialist in automotive circuits;" through Gosplan, the Soviet economic planning agency, he assured me that he would have a job when he graduated—and that in this speciality he would have one all his life.

Not all fields are chosen for world leadership. In these, the Soviets simply keep up with the research of other nations. In the Lenin Library of Moscow great numbers were reading American technical journals. I asked one

Soviet student, Helena, what she was doing: "I am preparing translations of research papers on hydro-electric generator construction; my professor has us do this all the time."

"How dull," I thought, and inquired, "How did you happen to go into this speciality? Did you have a free choice?"

"O, yes. I had complete freedom to choose my speciality. The only thing was," she continued, chuckling, "that my government stipend was the greatest for this speciality. And, now that I am here, I cannot change."

She explained that all advanced students are given a certain sum of money for expenses. "For some unproductive course

Continued on page 6

## CE Professor Represents State College at Oak Ridge, Tenn., Dedication Ceremony

Representing State College at the recent dedication of the new central administration building at the Oak Ridge Institute of Nuclear Studies (ORINS) at Oak Ridge, Tenn., was Dr. F. Phillips Pike, professor of chemical engineering.

State College has been one of the institutions sponsoring the Institute since its inception in 1946. Fifteen State College scientists have participated in the institute's atomic-research program through the years.

Five North Carolina institutions of higher learning are participating in the Institute's program. They are A & T College, Duke University, North Carolina State College, the University of North Carolina, and Wake Forest College.

The Oak Ridge Institute of Nuclear Studies is a non-profit educational corporation of 37 Southern universities and colleges, operating under contract with the Atomic Energy Commission.

At the dedication program for the new building, Dr. Paul M. Gross, president of the Oak Ridge Institute of Nuclear Studies and vice president of Duke University, reviewed the development of the institute under Dr. Pollard's directorship, from its organization 13 years ago with a staff of three to its present expansion and program development carried out by a staff of approximately 250.

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**CAMPUS INTERVIEWS**

THURSDAY, JANUARY 14  
FRIDAY, JANUARY 15

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# SPORTS



JAY BRAME

## N. C. State Suffers From NCAA Probation

North Carolina State College's basketball program has hits its lowest point since Coach Everett Case first came to the West Raleigh campus in 1946 to coach State College basketball.

The present Wolfpack is on the verge of a losing season for the first time since Coach Case came to State.

What is the reason behind our downfall in basketball so suddenly after last year's fine team which captured the Dixie Classic and the Atlantic Coast Conference Tournaments with resounding victories over teams like Cincinnati, Michigan State, Louisville, and Carolina?

It probably all goes back to 1956 when a kid by the name of Moreland, Jackie Moreland to be exact, decided that he would like to play basketball at North Carolina State.

Willis Casey and Vic Bubas, then assistant basketball coach at State, went to Louisiana to try to convince Moreland that he should play basketball at State and that he had a scholarship if he wanted it.

With this Moreland definitely decided that State was the school for him.

Moreland left home one night with Bubas, so the story goes.

The story came out later that Moreland's parents did not know

the whereabouts of their son and thought that he had disappeared from home.

The charges revolved around Moreland's high school sweetheart. Charges had it that she was offered a 7-year medical scholarship if she could talk Moreland into coming to State.

Well, with this, the NCAA decided to suspend us for four years.

With boys like Moreland, Wessels, Haig, Cole, Gallagher, McCann, and Berkto, Coach Case had his eyes on an NCAA championship in 1960.

Such is not the case today.

The Wolfpack is not going to win any NCAA championship this season, not because they are ineligible, but because they could not even win it if they were eligible.

Sophomores have not come through as expected. The blame is not on the sophomores for it is not their fault, nor is it Coach Everett Case's fault.

Of the boys that were supposed to lead the Wolfpack to an NCAA championship, only Gallagher and McCann remain.

Moreland is at Louisiana Tech where he is a leading scorer and a choice for All-American honors among small colleges.

Billy Haig is the captain of the DePaul team this year and is one of their stars.

John Wessels is one of the top scorers for a strong Illinois team. He recently scored 30 points in a contest.

So the NCAA has finally caught the State basketball team short.

There is really no need to worry for all the teams that play the Wolfpack this year had better enjoy their victories over the State cagers while they prevail for as long as there is a maroon Cadillac parked in front of the Coliseum it only means one thing: The sign of the bas-

(Continued on page 5)

## Virginia Defeats Wolfpack 53-48; Two Starters, Reserve Suspended

State College lost its third straight ACC contest to Virginia 53-48 Tuesday night. It marked the first time that State had ever lost to a Virginia team since the ACC was formed.

The Wolfpack, playing without the services of three of its players, played their slow down type of game. It paid off in the first half as the Wolfpack went to the dressing room with a 24-21 halftime lead.

Neither team could manage more than a four-point lead in the first half.

John Haner led the Cavaliers scoring in the first half with nine points. The Wolfpack had seven players tallying with "Moose" DiStefano leading the way.

With nine minutes to go in the game the Wolfpack led by one point, 36-35.

At this point Virginia quickly scored 11 straight points and the Wolfpack was beaten.

The Virginians led 48-36 and they had the contest all wrapped up.

With the score 50-40 the Wolfpack went into a full court press. Denny Lutz and Bob McCann quickly got three baskets among them, with Lutz getting two, and the score was 50-46 in favor of Virginia.

However, this was as close as the Wolfpack got as Virginia scored three more points, while the Pack was only getting two to send the State cagers down to defeat.

The victory gave the Cavaliers a 4-4 mark overall and 1-2 mark in conference play. The loss left the Wolfpack still searching for their first victory in conference play. They are 0-3 in conference play and 3-8 overall.

The Wolfpack as stated above played with out the services of three of its players. These included Captain Dan Englehardt, Anton Muehlbauer, and George Finnegan.

These boys were suspended from the team Monday for disciplinary reasons. It is not known whether these boys will

play basketball again for the Wolfpack.

All three of the boys were guards. Englehardt and Muehlbauer were starters for the Wolfpack while Finnegan was a reserve.

This left Coach Case with only three guards. In order not to be caught short, Case moved Dan Wherry, a sophomore, to guard.

### STATE (48)

	FG	FT	PF	TP
Gallagher	2	0-0	1	4
Lutz	2	0-0	0	4
DiStefano	3	1-2	1	7
Simbeck	1	1-1	1	3
Clark	2	1-3	4	5
Headley	0	3-4	1	3
Niewierowski	4	1-2	3	9
McCann	5	0-0	4	10
Marvel	1	1-2	0	3
Totals	20	8-14	15	48

### VIRGINIA (53)

	FG	FT	PF	TP
Adkins	2	4-4	0	8
Haner	8	3-5	1	19
Mortell	3	1-5	4	7
Laquintand	3	2-3	1	8
Densmore	3	3-4	2	9
Westman	1	0-0	2	2
Totals	20	13-21	10	53

Score by periods:

State	24	24-48
Virginia	21	32-53

## A new dimension in



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# Duke-State Battle First of Bubas-Case Cage Struggles

While the main angle of the Duke-N. C. State game is the first personal battle between Vic Bubas of the Blue Devils and his former coach, Everett Case of the Wolfpack, the contest is a highly important one in the early Atlantic Coast Conference race.

State, after dropping a 53-48 contest to Virginia Tuesday night, is still looking for its first conference victory.

Duke on the other hand will be seeking a victory over the Wolfpack in order to stay in the ACC race with Wake Forest and Carolina.

State, minus three of its players due to disciplinary reasons, will probably have Kenny Clark and Don Gallagher at the forwards, "Moose" DiStefano at center, and sophomores Denny Lutz and Jon Ed Simbeck at the guards.

Duke will counter with Howard Hurt and Doug Kistler at the forwards, Carroll Youngkin at center, and Johnny Frye and Jack Mullen at the guardposts.

Duke is 6-3 on the season.

They captured the Birmingham Classic before the holidays and looked very impressive in the first round of the Dixie Classic when they defeated a very strong Utah team who was undefeated upon entering the Classic besides being rated number four in the nation. However, Carolina met them in the second round and derailed the Duke express with a crushing 75-53 victory.

Over the holidays the Wolfpack found the going very rough as they dropped four straight inter-sectional games. These losses came to Villanova, Georgia Tech, Dayton, and Holy Cross.

After the Georgia Tech defeat, Coach Case decided it was high time to change his strategy. This was done in order to keep the defeats from being so bad. For instance, Georgia Tech defeated the Pack by 27 points, 80-53.

Against Dayton the Wolfpack employed a slow down type of game in order to keep the margin of victory down. This was

not the only reason. It was also employed to keep the score close and give the State cagers a chance to win.

Dayton defeated the Wolfpack by only four points, 36-32. This strategy paid off, for the Wolfpack had a chance to win the game up to the final buzzer, and they probably would have if the inability to hit free throws would have not popped up. State missed seven straight free throws.

Against Duke, the Wolfpack will probably play their slow down type of game in order to have a chance to beat the Blue Devils.

There is also a fine freshman game on tap between the schools in the preliminary before the varsity contest.

This is the first of three straight Big Four contests for the Wolfpack. They travel to Chapel Hill to meet the Tar Heels next Wednesday night and are hosts to the Dixie Classic Champions, Wake Forest, on Saturday, January 16.

# Sigma Chi, Berry Top Intramural Races

Sigma Chi Fraternity and Berry Dormitory lead the intramural races after the completion of the fall sports.

Sigma Chi Fraternity racked up 603½ points to lead the fraternity division. In second place was the SPEs with 484 points. The SPEs were last year's champions in the fraternity division.

The Sigma Chis won the fraternity volleyball championship and the fraternity football championship to get the majority of their points at the conclusion of the fall sports.

They finished in a tie for second with Kappa Alpha in the track meet and finished second in the golf tournament.

In the dormitory division the race is closer as Berry leads Tucker No. 1 by only 34½ points.

Berry captured the football championship in the dormitory

division as they went undefeated.

Looking back over the fall sports program:

The touch football season was especially pleasing even though the weather was quite bad at times. The intramural fields which were recon-ditioned last summer made it possible to play as many as nine football games each day. There were 161 games played with only seven forfeits.

The volleyball games were played in the gymnasium at night with a total of 161 games, eight forfeits, and a total of 510 participants.

Track was highly successful with a record number of 237 participants in the fraternity division. There were 85 in the dormitory meet.

Golf, due to lack of facilities and bad weather, did not come up to expectations, as only 84 golfers from 25 organizations participated.

The fraternity standings are as follows:

Sigma Chi	603½
Sigma Phi Eps	484
Kappa Alpha	486
Sigma Nu	356
Pi Kappa Alpha	341
Phi Kappa Tau	328½
Delta Sigma Phi	280
Sigma Pi	258
Sigma Alpha Mu	292
Theta Chi	284
Sigma Alpha Eps	269
Pi Kappa Phi	267
Farm House	250
Phi Epsilon Pi	245
Alpha Gamma Rho	235
Kappa Sigma	238½
Tau Kappa Eps	225
Lambda Chi Alpha	80

The dormitory standings are as follows:

Berry	418
Tucker #1	388½
Bagwell	368
Watson	346
Bragaw S.	324½
Vetville	320
Bragaw N.	316½
Becton #1	303
Weich-Go-4-St.	295
Turlington	290
Syme	241½
Alexander	224
Becton #2	219
Tucker #2	176
Owen #2	142
Owen #1	106

## State Suffers

(Continued from page 4)

ketball office will read "business as usual." when the State gridders were conference champions.

There are very few basketball coaches in the nation that can match Coach Case's record. After the victory over Penn State in the opener Case's record was 323 wins as compared to only 81 losses for an 80% average.

With the strong freshman team that the Wolfpack has this season and plenty of experience for the sophomores and the juniors on the present varsity, the Wolfpack will have a pretty good team next year.

Next year will also mark the first year off of the probation that State College has suffered through for the three basketball seasons which has caused to miss one NCAA tournament besides missing a chance to go to the Orange Bowl in 1957,

Next year will prove to be very interesting for it will be his first year off the probation which was slapped on State.

Basketball stocks at State College will once again soar to the moon.

And you can bet your last dollar that "the Granddaddy of Basketball in the South," will once again be the terror that he was in the ACC and the NCAA.

Maybe he will achieve his goal, that of capturing an NCAA championship, in the next couple of years.

And what could be more gratifying than a victory over Adolph Rupp as icing on the cake for the NCAA champion-ship.

# bubble blowing

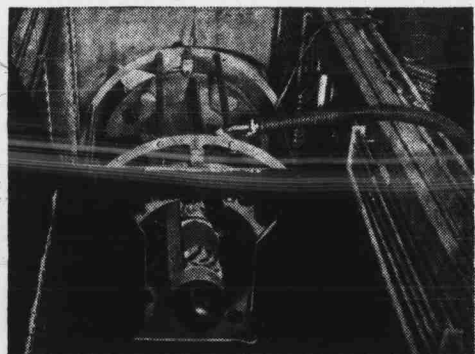
This plastic bubble protects the antenna of a radically new aerial three-dimensional radar defense system.

Sensitive to the inadequacies of conventional radar systems, engineers at Hughes in Fullerton devised a radar antenna whose pointing direction is made sensitive to the frequency of the electromagnetic energy applied to the antenna. This advanced technique allows simultaneous detection of range, bearing and altitude...with a single antenna.

Hughes engineers combined this radar antenna with "vest-pocket sized" data processors to co-ordinate anti-aircraft missile firing. These unique data processing systems provide:

1. Speed—Complex electronic missile firing data was designed to travel through the system in milliseconds, assuring "up-to-date" pinpoint positioning of hostile aircraft.
2. Mobility—Hughes engineers "ruggedized" and miniaturized the system so that it could be mounted into standard army trucks which could be deployed to meet almost any combat problem—even in rugged terrain.
3. Reliability—By using digital data transmission techniques, Hughes engineers have greatly reduced any possibility of error.

Result: the most advanced electronics defense system in operation!



Falcon air-to-air guided missiles, shown in an environmental strato chamber are being developed and manufactured by Hughes engineers in Tucson, Arizona.

Reliability of the advanced Hughes systems can be insured only with the equally advanced test equipment designed by Hughes El Segundo engineers.



Other Hughes projects provide similarly stimulating outlets for creative talents. Current areas of Research and Development include advanced airborne electronic systems, advanced data processing systems, electronic display systems, molecular electronics, space vehicles, nuclear electronics, electroluminescence, ballistic missiles...and many more. Hughes Products, the commercial activity of Hughes, has assignments open for imaginative engineers to perform research in semiconductor materials and electron tubes.

Whatever your field of interest, you'll find Hughes diversity of advanced projects makes Hughes an ideal place for you to grow...both professionally and personally.

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## CAMPUS INTERVIEWS

February 8

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Hillsboro at State College

# U and the Y

By Ann Smith

Dormitory advisors have been issued information on unusual summer work projects, employment, and travel by many organizations that will take place out of the United States. Anyone who is interested, please see your dormitory advisor or come to the "Y" and talk to Tom Johnston.

Plans are being made concerning the Seminar to the United Nations that will be held some time in February. Final plans will be made in Chapel Hill February 7. All interested students please come to the "Y" and talk to either Mr. Woolbridge or Mr. Johnston.

Another in the series of Courtship and Marriage Seminars

will be held January 7 at 7 p.m. in the Y. Rev. Rod Reinecke will lead the discussion. The title for this meeting is "Miss Layd"; it deals with the meaning or meaningless of sexuality.

The Freshman Diner's Club is now undergoing a drive for membership. Freshmen who attended the Retreat this fall will be the first ones to be asked to join. The only fee is the cost of the meals to be paid in advance.

The membership cards and program folders are to be distributed Monday (January 11) to members of the Freshman Council. All members of the Council please be present. If it is impossible for you to do so, please have someone from your discussion group substitute for you.

The Diner's Club will meet four times to hear two professors compare their views on different subjects. The subjects to be discussed are:

1. Science and Biblical Truth
2. Changing Values and Moral Absolutes
3. Parental Ideals and Personal Maturity
4. Free Choice and Social Conditions.

If you are asked to become a member, please say, "Yes." Only the best are to be asked.

It may be a crazy way to start-off the sixties, but this week we are going to talk about a very funny new book by Max Rezwin called "More Sick Jokes & Grimmer Cartoons".

The book is a sequel to the very popular one issued last spring. The best way to tell of such a book is to give you samples of the material.

Here are some of the choice chuckles: "Broke my kid of biting his nails." "Really-How?" "Knocked his teeth out."

"But, mother, none of the other fellas have to wear high-heeled shoes." "Shut up, for heaven's sake, we're almost at the draft board."

"Horace, dear," She said sweetly. "Can you drive with one hand?" "Yes, yes, yes." "Then you'd better wipe your nose. It's running."

(This one takes a really strong stomach. "Mother, come here quickly." "What's the matter, Dear?" "Billy just ate the raisins off that sticky brown paper.")

"Notice on the bulletin board of the zoology department: We don't begrudge your taking a little alcohol, but please return our specimens."

"Hollywood Story: The wife rushed into her house screaming

to her actor husband: Darling, a dollar. Incidentally, the Sem-bower's like chieftly jokes also, but they would rather have dollar-bills than blood, bodies, or used State Room food.

"I guess I've lost another pupil," said the professor as his glass eye rolled down the sink.

"Cannibal chief to victim: 'What did you do for a living?' 'I was an associate editor.' 'Cheer up. After tonight, you'll be an editor-in-chief.'

"Grandmother, use a bottle opener; you'll ruin your gums."

"The Romans gave up their big holidays because of the terrific overhead. The lions ate up the prophets."

"Well, said the missionary to his colleague, speaking from inside the cannibal's pot." At least, this will be their first taste of religion."

"Then there was the nine year old girl who shot both of her parents and then pled with the judge for mercy because she was an orphan."

"I don't care what your reason is, Mrs. Lincoln. I still say no ticket refunds."

Although all of these may seem like half the book, they are only the beginning. Rezwin's book has cartoons and longer stories as well as these short jokes.

As we said in a series of columns last spring, no one is completely sure why sick jokes are so popular. Some of them are very scathing. If you think these are bad, then read a few that we did not print.

Some psychology major could probably write a very interesting and provocative term paper on why people delight in the morbid.

As for us, we'll simply tell you that it's available. If you like cruelty jokes, and apparently even the saints like a few, this book is at Sembower's for

a dollar. Incidentally, the Sem-bower's like chieftly jokes also, but they would rather have dollar-bills than blood, bodies, or used State Room food.

1959 was quite a year for TV. It was a particularly entertaining month as far as December is concerned. Eve Arden did wonderfully on "George Gobel," "I love Lucy," and "Startime." Pat Boone showed up on "I've Got A Secret," and the repeat of Loretta Young's Christmas story was wonderful. Bob Hope's payola sketch was worth its weight in free records, and Arlene Francis was quite funny while subbing for Jack Parr.

Parr's program with Vincent Price and Lucille Ball was different, also. It is sad to hear that Perry Como and "Playhouse 90," among other programs, are in trouble. These two are particularly fine. If you like them, you'd better write a fan letter.

One of the most ridiculous things of late for TV is all this mish-mash about canned laughter and beeping up laugh tracks. Any normal American knows real laughter from fake laughter.

## Soviet Education

Continued from page 3

like Greek the student might get a stipend of only 300 rubles (\$30) a month, but someone entering an important speciality like nuclear fission might receive 900 rubles and a new suite at the University besides.

As I left the library I thought about how the Soviet students were educated beyond us in a certain speciality. However, I was also aware of the price. And, as I heard echoing the many shouts, "We are going to catch you," I could only smile warmly and say, "I hope you do; then perhaps your anxiety will abate, you may be offered an education with breadth and truth, and we all may work for peace.

Dr. Roy L. Lovvorn, director of State College's Agricultural Experiment Station, has been selected as "Man of the Year in Service to North Carolina Agriculture."

The selection was made by The Progressive Farmer.

Dr. Lovvorn was cited especially for his pioneering work in the development of better pastures and better forage crops for North Carolina and the South.

A native of Alabama, he joined the staff at North Carolina State College in 1936 as an assistant agronomist.

He assumed directorship of the experiment station in 1955. Two years later the assignment was made permanent.

Today, as director of agricultural research in the State, Dr. Lovvorn has about 400 projects under his supervision.

## Photo Contest Set For Jan. 13

The College Union Photography Committee is having a judging of prints submitted by any State College student as its Photoscope program on Wednesday, January 13, at 7:30 p.m. in the College Union.

Persons wishing to submit prints are asked to bring them to the meeting. They may be on any subject, size must be 8 x 10, unmounted, and printed on double weight paper. A maximum of 5 prints may be submitted by each person. These prints will become the property of the committee to use in an exhibit in the College Union or to be sent on to the National Contest being sponsored by the Popular Photography Magazine.

Rodney McCurry is in charge of the Photoscope program.

Darkroom passes which entitle students to use the College Union Darkroom may be renewed by turning them in at the C. U. Main Desk. The chairman of the Photography Committee, Sam Barham, will contact each student when his new pass is ready.

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## Seniors—find out what Kearfott's flexible training program offers You

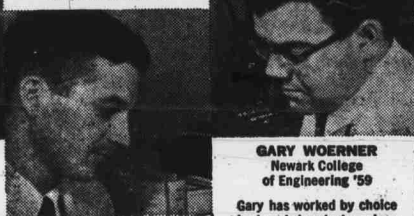
Check the experiences of four '59 graduates at Kearfott

JAMES KEATING  
Villanova University '59



Not at all sure of the area of engineering (development, design, test, manufacturing) which would interest him most, Jim has been most impressed by the way Kearfott Project Engineers STAY WITH A PROJECT from study phase right through to production, assuming full technical and financial responsibility for the quality and salability (price-wise) of the finished hardware. He finds that this Kearfott philosophy enables him to operate across the broad spectrum of engineering... Coming from out-of-town, Jim was also pleasantly surprised by the wide choice of living quarters readily available.

LENNART G. JOHANSSON  
Lafayette College '59



Len is pleased with his six months' experience at Kearfott on two widely different counts. First is the combination of both theoretical and practical knowledge he has gained in a field that has fascinated him for a long time—transistor applications. The other is Kearfott's location. Finding midtown New York only 40 minutes away by car, Len, a veteran, is planning to continue his studies for an MS at one of the many colleges in the New York/New Jersey area: Columbia, N.Y.U., Stevens, Newark College of Engineering are all close by. This semester, Len has enrolled for two Kearfott sponsored courses taught at the plant.

GARY WOERNER  
Newark College of Engineering '59

Gary has worked by choice in two Laboratories since he joined Kearfott last June—Astronautics and Electronics. He values the opportunity he had to work in direct contact with senior engineers and scientists who have played a leading role in developing the Kearfott inertial systems and components which have been selected for application in over 30 aircraft and 16 major missile systems. Gary now leans to the choice of a permanent assignment in the Electronics Lab but has decided to work a few months in the advanced Gyrodynamics Division, before coming to a decision.

## Opportunities at Kearfott are expanding

Long occupying a unique position in the fields of electronics and electro-mechanical components and precision instrumentation, Kearfott—in recent years—has moved more and more into the development of complete systems. This has led to major staff expansion at all levels, including a sizable number of positions for recent graduates in all 4 major company units:

- The Systems Division
- The Gyrodynamics Division
- The Electro-Mechanical Division
- The Precision Component Division

Through its flexible TRAINING PROGRAM, Kearfott offers young engineers freedom to explore the field, before selecting the broad area best fulfilling individual interests. Remarkable rapid professional advancement is possible—and likely—through the PROMOTION BY MERIT POLICY. For detailed information, see the Kearfott representative on campus.

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## ON CAMPUS INTERVIEWS JAN. 11-12 FOR ASSISTANT PROJECT ENGINEERS

Make an appointment now with your Placement Director, or write to Mr. Francis X. Jones.

## Architects Awarded Building Contracts Worth \$2.9 Million

Announcement of the selection of architects for \$2,888,500 worth of new construction at State College was made Wednesday by Business Manager J. G. Vann.

The architects have been commissioned to do the work by the Trustee's Building Committee for State College.

The buildings were authorized in the October 29 bond referendum, which provided a total of \$4,880,000 in new construction at State College.

Construction will begin soon. Each project, the names of the architects who have been selected to date, and the appropriation for each building follow:

General laboratory building (chemistry), Ballard, McKim and Sawyer of Wilmington, \$907,500.

Electrical engineering and physics building, Sloan and Wheatley of Charlotte, \$1,000,000.

A new cafeteria building, Joseph N. Boaz of Raleigh, \$481,000.

An additional boiler to be erected in the present power plant, T. C. Cooke of Durham, consulting engineer, \$430,000.

Head house for new greenhouses, Marion Ham of Durham, \$70,000.

With appropriations from the General Assembly, bonds approved in the October 29 referendum, and a gift of \$500,000 from the Z. Smith Reynolds Foundation for a Faculty Recreation Center, State College is now conducting a multi-million dollar expansion program in anticipation of a rising tide of new students.

## Veterans' Corner

By Wayne Philbeck

Happy New Year and a hearty welcome to those brave students who return to this learned institution and discover that exams are almost upon them. Grin and bear it!

Fellow veterans, the NEW LOOK is here and in full swing. Now is your chance to become an active member of the Veterans' Association and be eligible for benefits never before offered to State College students.

Don't call this "humbug" before you learn the facts! I won't go into detail here and list all the benefits, but I challenge each and every veteran who has not attended a meeting of the Veterans' Association this year to question a member who has and find out just what he has been missing. Better yet, come to our next meeting which is Friday night January 15th at 7:00 in the College Union.

The main item on the agenda for that meeting will be the proposal and adoption of a new constitution for the Association. Barring unforeseen difficulties, the Executive Committee will mail a rough draft of the new constitution to all members early next week. It is hoped that a few interested members will come to the meeting with constructive criticism. Unless major revisions in the rough draft are necessary, a motion for adoption will be heard.

Early in the spring semester three members of the Veterans' Association will split cash awards totaling \$50.00 merely for signing up new members in the Association. The member signing up the most new members will receive a first prize award of \$25.00. Second and third places earn \$15.00 and \$10.00, respectively. All current mem-

bers are eligible and present non-members may compete from the day that they themselves become members.

For membership contact Ted Byers, 18-G Verville, TE 49936, or Jim Lawrence, 316 Syme, TE 29222. Members will also be received at each meeting of the Association.

This membership drive will culminate with a combination banquet-dance (date to be announced later) at the College Inn on Western Boulevard.

Bring your wife or date to this semi-formal celebration of the NEW LOOK in the NORTH CAROLINA STATE COLLEGE VETERANS' ASSOCIATION.

## At The College Union

By Archie Copeland

The College Union Craft Shop is open Monday from 5 to 10 p.m., Tuesday through Friday from 1 to 10 p.m., and Saturday from 1 to 5 p.m. During the above hours there is an attendant on duty who will sell supplies and help with individual projects. Classes are offered in Ceramics on Wednesday evenings and Copper Enameling on Tuesday evenings at 7:30 p.m. A group interested in Lapidary meets on Thursday evenings at 7:30 p.m.

Materials are available for Lapidary, Copper Enameling,

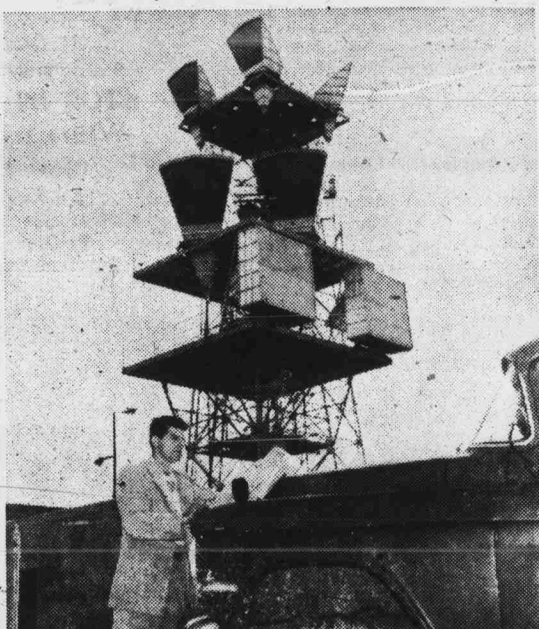
Metal Tooling and Metal Etching, Woodwork and Wood Carving, Ceramics, Mosaics, and Leather Work. All materials are purchased in the Craft Shop by Purchase Cards which are available at the C. U. Main Desk for \$5.00 or \$2.00. If you have your own materials, you may bring them and use the Craft Shop tools.

Those who wish to work in the Shop during the hours an attendant is not on duty may do so by taking and passing the Craft Shop test which is given by the Hobby Committee the first and third Monday of each

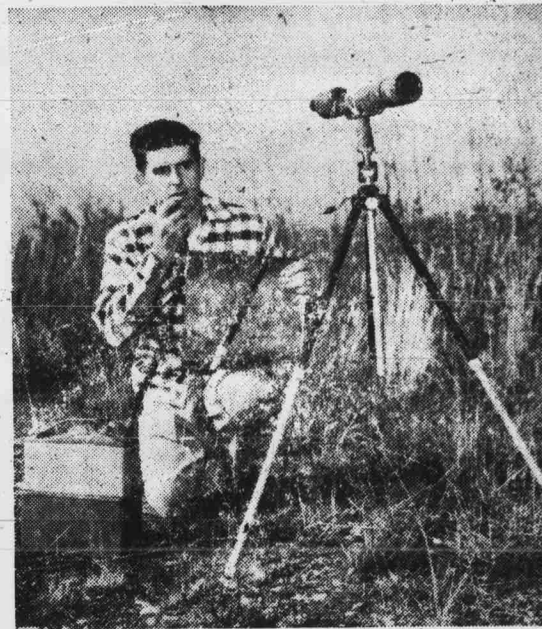
month at 4:30 p.m. or by arrangement.

The Craft Shop is controlled by policies made by the C. U. Hobby Committee.

The College Union Film Committee will present a movie entitled "Exploring Space" as its Panorama program Friday, January 8, at 8:00 p.m. in the C. U. Theater. This is a fascinating and educational film depicting the development of the modern rocket and the mechanism responsible for the propulsion of America's first satellite into outer space.



Dick Ernsdorff studies a microwave site-layout chart atop a mountain near Orting, in western Washington state. On assignments like this, he often carries \$25,000 worth of equipment with him.



Here, Dick checks line-of-sight with a distant repeater station by mirror-flashing and confirms reception by portable radio. Using this technique, reflections of the sun's rays can be seen as far as 50 miles.

### Chicken In The Basket

1809 Glenwood Ave.—Five Points

Dinners 75c & Up

Special Take Out Service for Parties, Picnics, & Football Games

CLOSED MONDAYS

TELEPHONE TE 2-1043

### RHODE'S RESTAURANT

3625 Hillboro Street

WELCOMES STATE STUDENTS

Specializing in steamed oysters, steaks, chicken, and seafood of all kinds.

GET PLATE LUNCHES SUNDAY-FRIDAY  
11:30 A.M.-2:00 P.M.

Open Every Day at 5:30 p.m. for Dinners  
A la Carte After 8 p.m.

Prescriptions Sodas Magazines

### Village Pharmacy

Cameron Village

Complete Tobaccos

Cameras

& Accessories

School Supplies

#### "THE MAN WHO SAW GOD"

is Steve Allen's favorite joke. He read it in the Realist, a unique magazine of freethought criticism and satire. Serious articles on interfaith marriage; the psychology of myth; anticongressive laws; the semantics of God; a poem that caused a campus controversy. Satirical critiques of professional beatniks; H-bomb tests; the FBI; telethons; the AMA. Columns on church-state conflicts; censorship trends. The 3 issues described cost \$1. They're yours free with a subscription. Rates: \$3 for 10 issues; \$3 for 20 issues.

The Realist, Dept. C, 225 Lafayette St., New York 12, N. Y.

## He wears two kinds of work togs

For engineer Richard A. Ernsdorff, the "uniform of the day" changes frequently. A Monday might find him in a checkered wool shirt on a Washington or Idaho mountain top. Wednesday could be a collar-and-tie day.

Dick is a transmission engineer with the Pacific Telephone and Telegraph Company in Seattle, Washington. He joined the company in June, 1956, after getting his B.S.E.E. degree from Washington State University. "I wanted to work in Washington," he says, "with an established, growing company where I could find a variety of engineering opportunities and could use some imagination in my work."

Dick spent 2½ years in rotational, on-the-job training, doing power and equipment engineering and "learning the business." Since April, 1959, he has worked with microwave radio relay systems in the Washington-Idaho area.

When Dick breaks out his checkered shirt, he's headed for the mountains. He makes field studies involving micro-

wave systems and SAGE radars and trouble-shoots any problem that arises. He also engineers "radar remoting" facilities which provide a vital communications link between radar sites and Air Force Operations.

wave systems and SAGE radars and trouble-shoots any problem that arises. He also engineers "radar remoting" facilities which provide a vital communications link between radar sites and Air Force Operations.

A current assignment is a new 11,000 mc radio route from central Washington into Canada, utilizing reflectors on mountains and repeaters in valleys. It's a million-dollar-plus project.

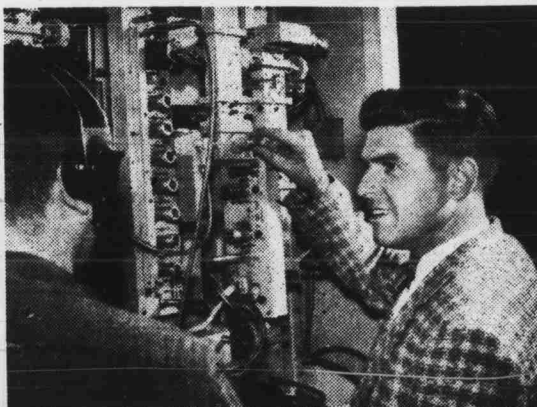
"I don't know where an engineer could find more interesting work," says Dick.

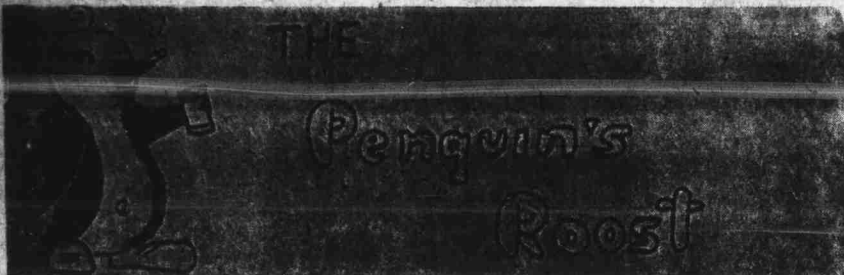
You might also find an interesting, rewarding career with the Bell Telephone Companies. See the Bell interviewer when he visits your campus.

### BELL TELEPHONE COMPANIES



In the Engineering Lab in downtown Seattle, Dick calibrates and aligns transmitting and receiving equipment prior to making a path-loss test of microwave circuits between Orting and Seattle.





As we enter this New Year of 1960, still reeling from the blows of the last, the Penguin proudly presents the Penguin Awards of 1959.

**Best Books of 1959 (non-fiction)**—*I was a Teen Aged Baptist for the F B I* by John Bal-lance.  
(fiction) Theory of Thermody-namics

**Best Movie**—"Don't Give Up the Ship," starring Earle Ed-wards and the Wolfpack.

**Best Song**—"Life's a Holiday on Primrose Lane", by Mc-Cree Smith and the M and O gang.

**Best TV Shows**—"The Mil-lionaire", starring the man-ager of the student book store, and "Maverick" star-ring Alton Meuhlbauer and Dan Englehart.

**Best Newspaper (present)**—*The Technician* (page 10, (past)—*Duke Chronicle*.

**Best Radio Show**—Bill Cur-rie's description of Wake

Forest—Carolina basketball game and fight.

**Biggest flop**—Football team and Edsel.

Penguin Predicts for 1960

1.) Basketball game halted for 15 minutes to untangle player's head from net.

2.) Jim Moore will print the joke I have submitted unsuccess-fully in each of my last six articles.

3.) M and O will have Rid-dict Stadium football field to give it the "Ivy Look", and will replaster all walls dur-ing examination week.

4.) 60% of my physics class will flunk with me. (some may argue that this is not a pre-diction but a known fact.)

5.) No one will move into new fraternity row, which will be turned over to the School of Agriculture as stables.

6.) A student section for foot-

ball games will be created. (atop Syme Dormitory)

7.) Congress will investigate peanut butter to see if it causes constipation.

8.) Santa Claus will die.

9.) State football captain will give referee two-headed coin, then lose toss.

10.) State Health Department will close the college cafeteria.

11.) College administration will suspend The Technician staff for printing an article entitled "An Easter Story" under the byline of—

—The Penguin—

**Toastmaster's**

(Continued from page 1)

and principles utilized so effect-ively by the National Toastmas-ters Club.

"As a part of our College Union, it is perhaps even more active than the National Toast-masters Club," continued Win-ton.

President Winton concluded the interview by saying, "But our Club is seeking men on our campus who will continue to make it an active club. The Student Toastmasters seeks per-sons of high initiative and indus-try who have no practice of speech delivery, or who perhaps are shaky and unconfident when they are speaking before a group."

**Campus Crier**

(Continued from page 1)

uary 7, at 7:00 p.m. The meet-ing will feature Ladies Night in which all members are asked to bring their wives or dates.

Lost: one K & E Log Log Duplex Decitrig slide rule. If found, please call R. S. Bass at VA 8-5303. A reward will be given.

Students are reminded that Room Rent for the Spring Se-mester will be due and payable in the Business Office in Holla-day Hall on or before January

15th. The rent must be paid by this time if a student desires to reserve his present room for the coming semester. Unreserved rooms will be available for reas-ignment on Tuesday, January 19th.

**Hewitt's College View**

**Sunoco Service**

Western Blvd. at Dan Allen Drive

**STOP IN FOR YOUR**

**Winterizing Special**

**Now in Effect**

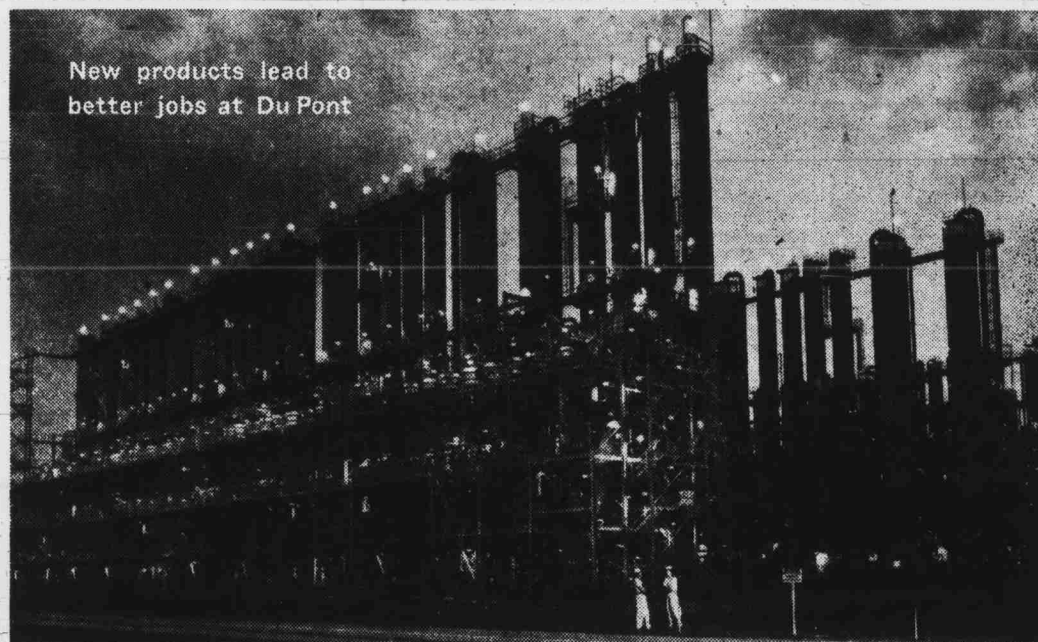
All Minor Repairs  
Hi-Test Gas at Regular Price  
PHONE TE 4-9701



**GIRLS INCORPORATED**  
THE TRUE STORY OF THE MODELS RACKET

**LATE SHOW SAT. NITE AT 11:00 P.M.**

**WAKE ALL SEATS 60¢**



New products lead to better jobs at Du Pont

**ATOMS IN YOUR FUTURE?**

You are looking at a photograph recently released by the Atomic Energy Commission. It shows the Commission's heavy water plant near the banks of the Savannah River in South Carolina. It is but one unit of an atomic energy project that covers more ground than the entire city of Chicago.

This vast installation was built by Du Pont at government request in 1950 for cost plus \$1. Still operated by Du Pont, it stands as a bastion of strength for the free world. Equally important, here are being expanded horizons of nuclear engineering which will eventually lead to better living for all of us.

Like hundreds of other Du Pont research projects, probing the mysteries of the atom has led to all kinds of new jobs. Exciting jobs. In the laboratory. In production. In administration. Good jobs that contribute substantially to the growth of Du Pont and our country's security and prosperity.

What does all this have to do with you? For qualified bachelors, masters and doc-tors, career opportunities are today greater at

Du Pont than ever before. There is a bright future here for metallurgists, physicists, math-ematicians, electrical and mechanical engi-neers, and other technical specialists, as well as for chemists and chemical engineers.

Perhaps you will work in the field of atomic research and development. But that is only a small part of the over-all Du Pont picture. Your future could lie in any of hundreds of areas, from the development of new fibers, films or plastics to the exploration of solar energy. Or in the sale and marketing of new products developed in these and many other areas. In any case, you will be given respon-sibility from the very start, along with train-ing that is personalized to fit your interests and special abilities. We'll help you work at or near the top of your ability. For as you grow, so do we.

If you would like to know more about career opportunities at Du Pont, ask your placement officer for literature. Or write E. I. du Pont de Nemours & Co. (Inc.), 2420 Nemours Building, Wilmington 98, Delaware.



BETTER THINGS FOR BETTER LIVING... THROUGH CHEMISTRY



**North Carolina State Student Affairs Bulletin**

**EXCELLENT JOB ON CAMPUS**—Two students needed to operate linen rental exchange. Must have satisfactory academic standing and present evidence of financial need. Student Employment Office, 207 Holladay Hall.

**ROOM RENT FOR THE SPRING SEMESTER** will be due and payable in the Business Office On Or Before January 15. The rent must be paid by this date if you wish to reserve your present room. Unreserved rooms will be available for reassignment begin-ning Tuesday, January 19th.

**ATTENTION ALL FRESHMEN**—If you are a resident of North Carolina, took College Entrance Examination Board tests and entered State College, the Consolidated University pays for the cost of your Entrance Examinations. You may have this cost of \$7.00 credited to your account or refunded by going to the Business Office, Holla-day Hall, at your convenience between 9:00 a.m. and 1:00 p.m., Monday through Friday.

**ALL MARRIED STUDENTS WHO ARE GRADUATING IN JANUARY AND DESIRE A GOODWIFE DI-PLOMA:** If you have not received a card from Student Government re-

questing information so that a Good-wife Diploma can be prepared for your wife, please come by 206 Holla-day Hall or call TE 4-5211, Ext. 215.

**TRAFFIC**—All unpaid traffic charges will be turned in to the College Busi-ness Office on January 15th to be collected before permits to register for the Spring Semester are cleared for issuance. Students can save time if they will check Pullen Hall to see if their account is cleared of all traffic charges.

**CHANGES IN CURRICULUM**—Any student who is contemplating a change to another curriculum next semester should act immediately. He should clear with the head of the department to which he desires to transfer and follow through on other preliminary steps. Some departments require or recommend that incoming students take a series of vocational tests at the Counseling Center prior to acceptance. Since it takes about two weeks to take these tests (scoring, interpreting and making reports), it is important that action relative to change of curriculum be instigated at once. Change of cur-riculum is made final by presenting the approval of the school or schools involved at registration.

**SAVE! SAVE!**

**30% to 60%**

**On Cancellation SHOES**

**Famous Make Men's Footwear**

	REGULAR PRICE	OUR PRICE
Genuine Shell Cordovan .....	24.95	11.95
Hand Sewn Loafers .....	14.95	6.95 to 8.95
Plain Toe Scotch Grain .....	19.95	10.95
Desert & Chukka Boots .....	17.95	6.95 to 8.95

Many other styles of dress shoes, work shoes, & boots.  
Sizes 6-16

**Baker Shoe Shop**

110 E. HARGETT ST.