The Technician

North Carolina State's Student Newspaper

Vol. XLVIII, No. 8

North Carolina State Station, Raleigh, N. C., Wednesday, Oct. 2, 1963

By Ernie McCrary

Twelve State scientists have

Four Pages This Issue

FOC Pianist **Had Debut** At Age Twelve

Cert season of the Friends of the College.

Van Cliburn made his Carne-gie Hall debut at the age of 12 and graduated from the Julliard School of Music with honors. His career seemed to have hit its stride in the 1955-56 season when he played 30 concerts. In 1957, he entered the Tchaikov aky International Piano Compesky International Piano Competition in Moscow, the results of which made front-page news around the world. Since that time, Cliburn has made several tours of Europe, Mexico, and the United States, and returned to Russia as part of the government's Cultural Exchange Pro

cliburn comes here in his cur-rent trans-Atlantic tour during

PEP

Tonight there's going to be pep-rally type cheering.
The Student Government, the

Pep Band, and the cheerleaders Pep Band, and the cheerleaders will tromp noisily from Bragaw to Riddick Stadium, leading the theery students, said Rick Ray, head cheerleader. The cheer type rally will begin at 8:30 p.m. Ray added that no march on the capitol will be held.

The cheer rally is in support of the South Carolina Freshmen

(See PEP 1997 A)

(See PEP, page 4)

On October 8, Van Cliburn, which he will appear in 38 major American cities including appear ances with the Boston, cert season of the Friends of the College.

received the largest grant ever made to the school, and possibly the largest ever made to any branch of the University.

The National Institutes of Health funds, which will be adtroit Symphonies.



Youthful success Van Cliburn who will appear Oct. 8 in William Neal Reynolds Coliseum, 8 p.m., to open the Fifth Anniversary Concert season for "The Friends of the College."

Open Letter

Fellow students,

We are all very pleased with the performance of our football team this season and can be proud of our success on the road. As the Wolfpack meets Clemson this Saturday, we will probably be facing our toughest opponent of the year.

The team is filled with enthusiasm and will do their best for N. C. State. I urge every student who can possibly attend the game to plan to be in Clemson Saturday. Your sup means a great deal to our

John Bynum Student Body President

For Its Leaders State fraternity leaders are and to try to anticipate the getting together again. The occasion is the Second Interfraternity Leadership Seminar, on five discussion groups dealing

Greeks Plan Seminar

October 12 at the Student

Following up last year's successful seminar, the IFC is in-teorporating the results of ques-tionnaires with suggestions and new ideas in an aim to make this one of the most outstanding fra-ternity functions of the year.

termity functions of the year.

Under the hypothesis that
the college man is becoming
more sophisticated and his education is becoming more difficult, this seminar will be designed to take a critical look at
the existing fraternity system,

RLT Schedule

The Raleigh Little Theater will present the seasons first production of Wonderful Town, production of Wonderful Town, a musical, during the week beginning October 14. Other scheduled plays are Blood, Sweat and Stanley Poole, a comedy; Ah, Wilderness, also a comedy; and Liliom, the classic from which Carousel was adented.

Free tickets for each play are available to students at the Erdahl-Cloyd Union.

five discussion groups dealing with major areas of concern to the fraternity community. Each group will be presided over by two campus leaders and an outstanding outside adviser. The outstanding outside adviser. The five groups will discuss Presidential Problems, Finance, Pledge Training and Chapter Scholarship, Rush-Deferred, and Fraternities and the Public Image. Each fraternity on campus has been encouraged to send at least two delegates to each group. group.

PP Has Trouble Stamping Out Dark

The street lights on the nor heast section of campus are not working. When asked about this malfunction, J. McCree Smith, head of the PP, said they are having trouble with the electrical system.

According 4.00

ving trouble with the electri-il system.

According to Smith, State has By using modern cable which is a very poor electrical distribu-tion system which is in the pro-cess of being replaced. waterproof this problem will be rectified in the remodeling pro-gram, Smith said,

Two Million Dollars Given

In Amount Of AG Grant

The scientists, who represent three schools (Agriculture, PSAM, and Forestry) and four departments, Genetics, Experidepartments, Genetics, Experimental Statistics, Animal Science, and Crop Science) are as follows:

Theater Group To Present Two Plays

The casts for two of ten oneact plays to be presented this year have just been announced

year have just been announced by Ira Allen, director of the North Carolina State Theater. Acting the lead roles in the first play, The Boor, will be Mrs. Maree Loftin as Mrs. Popov and Errol Cahoon as Smirnov. Jer-ry Pritchard plays the aging manservant Luka. Joe Montfort will be the stage manager and will be the stage manager and Mrs. Gurdine Bliss will be assistant director.

The Boor was written by the Russian author Anton Chekov. The play is a farce which centers about the mourning widow Mrs. Popov, who seven months earlier lost her husband. Smirnov, who comes to her trying to collect owed funds, soon sets the pace for the play, according to

Allen.

Reuben Haase plays Chubu-kov, the father, in the second play of the sason, *The Marriage* Proposal. Lomov, the suitor, is played by Jonathan Montague and Andrea Mewborn acts the role of Natalia, the young-old-maid. Both The Boor and The Marriage Proposal are by the Russian author Anton Chekov.

The Theater, under the directions of the Chekov.

tion of Rom Linney, held several drama workshops and presented two television plays during the

past year.
In addition to the ten one-act plays, this year the Theater will present longer plays when the new Frank Thompson experimental theater is completed.

luncheon is open to all coeds, including graduate women at 55 cents per luncheon. Semester dues are 50 cents.

The Christian Science Youth Group will meet semi-monthly for a testimonial gathering in

the King Religious Center at 8:30 p.m. on Thursday. All in-

terested may attend.

ministered by the Institute of Biological Sciences, total almost assistant professor of genetics and crop science; Dr. John theoretical work and experiassistant professor of genetics and crop science; Dr. John Rawlings, associate professor of experimental statistics; Dr. O. W. Robison, assistant professor of animal science; Dr. J. E. Legates, William Neal Reynolds, professor of animal science; Dr. Bruce Zobel, Conger professor of forest genetics; Dr. W. D. Hanson, professor of genetics.

Dr. L. E. Mettler, associate professor of genetics; Dr. D. F. Matzinger, associate professor of genetics; Dr. Robert H. Moll.

mental studies in a wide range of organisms. The materials used will range from fruit flies to pine tres and large animals.

Why use fruit flies? Dr. Rob-inson says that nearly all laws of heredity were worked out by experimentation with these insects, so they are especially val-uable in genetics research of

this sort.

The renewable grant, which provides about \$300,000 a year for seven years, was not just dropped in the scientists' laps, Dr. Robinson said. These men worked for a year preparing a 150-page proposal for the funds. Last July eleven men representing the NIH visited the campus and examined its qualifications. Dr. Robinson concluded, "The of genetics; Dr. Robert H. Moll, associate professor of genetics; and Dr. Ken-Ichi Kojima, associate professor of genetics.
Dr. C. Clark Cockerham, professor of genetics and experimental statistics, heads the program. Co-director of the program is Dr. H. F. Robinson, professor of genetics and assistant director of the Agricultural Experimentation Station.
Dr. Robinson concluded, "The grant recognizes the international prominence of these scionals is made by the NIH for the support of research in mathematical, population, and quan-

Food Prof Writes Own Text Book

Dr. Leonard W. Aurand, probe very familiar with the course's text book. He helped write it.

Food Composition and Analysis, hot off the presses of the Van Nostrand Publishing Company. According to Dr. Aurand, the books was released about the middle of last month. Dr. Triebold, Aurand said, started the book, "but nothing much ever came of it." Aurand then worked on the text off and on for a year. Five months of ive work finished it by

Designed especially for use fessor of food chemistry, should at State, the book is now being used as the text in food chemistry and food analysis. Aurand said the purpose of the book is Dr. Aurand and Dr. Howard to provide a text for teaching O. Triebold are co-authors of and reference in food work on the senior and graduate level.



Dr. Leonard W. Aurand

Club Club meeting 8 will be at The Saddle The Women's Association will hold its luncheon meeting every 46:30 rather than 7:30. Wednesday from noon till 1 p.m. in the SU Ballroom. The

-Campus Crier-

The Young Republican Club ers at St. Mary's from noon unwill meet at 7:30 p.m. this Wednesday in the north end of the days a week or any day might SU Ballroom. The film "A Question of Law and Order" will from 3 until 5 p.m.

Professor John Farrell will explore the degree to which the founding fathers were Christian after supper this Friday night. This is a Supper Forum of the Baptist Student Union. Supper starts at 5:45 in the King Religious Center.

Grant

The Danforth Foundation has announced a limited number of Graduate Fellowships to available for male students entering Graduate school in the fall of 1964. Interested Seniors the King Religious Center at the Student Government Legislature will meet Thursday and the desire to teach.

Students who wish to be wait- The Student Government Legislature will meet Thursday night October 3 at 7 p.m. in the Students who wish to be wait- Erdahl-Cloyd Union.

TECHNICIAN Throckmortimer

A Resolution

We are now a university.

In truth, we're not coming near being a real university yet. We may have the staff and the courses to offer Arts and Science degrees, but the student body is still a few years away from acting like members of a liberal arts

We probably have one of the largest programs of cultural activity in the State. The "town and gown" coperation with citizens of Raleigh has produced Friends of the College, Friends of the Library, and Triad. Campus organizations have produced the New Arts series, the IDC-CU combo parties, and the Ag School combo parties, to name a few. Lecturers come to campus constantly to expound on the technical aspects of an education, and an increasing number of lecturers are being invited by the schools to talk about non-technical subjects.

We are about to become a university. This implies a greater attendance for programs that interested persons have worked and begged for for years.

We now have on campus, in other words, a cultural program tailored for liberal arts students, with enough scope and variety to interest the technically minded student.

This is a concept that we feel should be applied to other aspects of campus life.

We forsee, in future years, Student Government, IFC, and IDC coming under control of Liberal Arts students. We forsee Publications and the College Union feeling their influx more and more. This is not a good thing, nor a bad thing, but an inevitable thing.

But it would provide a wonderful way to apply the principles that are embodied in our cultural programs to other campus activities.

This should be the year in which every organization on campus would sit back and look at itself; not as it is, but as it will become. This should be the time when plans would be made to organize all student activities in such a way that both liberal arts and technical students can participate in a common effort. By the same token, our technical programs should be examined with the same outlook in mind.

How can this be done? No one knows, and this is the real challenge. If we could find a way for students of these two aspects of education to work together, then we would be, in effect, solving the age-old problem of fitting liberal arts and technical education together. This has never successfully been done.

Should we try it? Yes.

It is too great a challenge to ignore.

The Technician

Wednesday, October 2, 1963

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... SAE'S GOT LOOKS, PERSONALITY, SAVOIR FAIRE...





... AND WHAT

They Say They Like It Here

Rex Nurses Are Coeds

By Cora Kemp

When State opened its doors to liberal arts students this fall, in came 35 nurses.

Betsy O'Neal and Jean Tal-ton are two of the Rex Hospital student nurses participating in a new program at Rex that re-quires freshman nurses to take all but one of their courses here for a year.

"We like it," both nurses admitted, referring to the University, but lamented "We wish we could live on campus."

All nurses live at the nursing home, although they are official-ly classified as coeds here.

"Everybody has eight o'clock classes," Betsy said, "so we have to get up bright and early to catch the city bus."



BETSY O'NEAL

"One morning I overslept," she added. "I went to the bus she added. "I went to the bus stop anyway. A special bus fill-ed with city school students stopped. I told the driver I couldn't possibly get to the cam-pus on time if I walked. He brought me as far as Hillsboro

brought me as far as Hillsboro Street where I caught a regular bus and barely made it on time." Betsy and Jean, bedecked with slide rules and heavy books, said they had little time to spend on campus outside classes. They are here for classes every morning and Monday and Wednesday afternoons. They must return to Rex every Tuesday, Thursday, and Friday afternoons in time for a fundamental nursing course.



Betsy and Jean pause on the steps of the Student Union before making a mad dash to Harrelson Hall. They are taking anatomy, biology, math and physical education at State and an introductory course in nursing at Rex. (Photo by Cashion)



The Union is a popular place for the nurses to unload their burdens. With little time to spend on campus, Betsy and Jean find the snack bar a convenient place to meet and eat with their fellow students. (Photo by Cashion)

Anatomy and biology are their favorite courses. "So far, so good," Jean commented. "We haven't been burdened with too much homework yet."

Anatomy and biology are hours in advance. They may go home once a month.

Betsy, a native of Louisburg, was a student at Louisburg, may be a student at Louisburg, and the student at Louisburg, and the student at Louisburg, may be a student at Louisburg, and the student at Louisburg, and

The two nurses have an anatomy lab with a number of football players. "At first I never knew who I'd meet from one day to the next," Jean remarked. "Every day has been a new experience." new experience.

At the nursing school, both Betsy and Jean pointed out, the rules are lenient.

They have closed study from 7:30 until 9:30 p.m. Monday through Thursday. They are allowed to stay out until 11 p.m. or midnight on either Friday or Saturday nights and until 10 p.m. Sunday.

They are allowed to attend all State functions such as New Arts and Friends of the College concerts during the week pro-vided they notify the school 48

was a student at Louisburg Junior College prior to entering the nursing school. Jean attended Lees-McRae College in Banner Elk. Her home is in Lenoir.

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See No Evi

An out-of-state visitor to the State campus, the student representative of a large corporation, relates the folowing incident.

He wanted to buy some of North Carolina's lowerpriced liquor before he left, so he asked the first young fellow he met the location of the ABC store. The answer: "Gosh, I don't know. I'm a student at State."

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Five Teams Remain De Process Undefeated In **Fraternity Football**

Soccer Team Victorious Over Appalachian, 6-0

State's soccer team won their third straight game Menday af-

State's soccer team won their third straight game Menday afternoon by defeating Appalachian 6-0. The contest was the first of three home games this week before the Wolfpack meets Maryland, the ACC champions for the past ten years, at College Park on October 7.

The Pack's first goal came during the opening minutes of the first period by Bob Miller. The second quarter, State jumped to a 3-0 lead as Benito Artinano converted two penalties called against Appalachian. Jaime Ferrand increased the lead to four goals during the lead to four goals

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Varsity Men's Wear

Hillsboro at State College

penalties against the visitors; Miller and Ferrand were unable to convert the first two, but Benito Artinano converted the third for a 5-0 Wolfpack lead.

During the third quarter, goalie Halis Alkis was moved to the offense as Harry Maharis replaced him. Maharis sayed two goals by jumping to the feet of the Appalachian center forward lined due to injuries.

The State offensive combina-tion of Kantar, Ferrand, Artina-no, Alkis, and Miller played an impressive game. Defensive standouts were the two full-backs Pablo Schick and Dave

place teams, Pi Kappa Alpha and Sigma Phi Epsilon, along with Kappa Alpha, Sigma Al-pha Mu, and Phi Kappa Tau are undefeated after two weeks of football in the fraternity intramural league.

Pi Kappa Alpha won a close one over Pi Kappa Phi Monday afternoon, 7-6, to keep their first position in Section #1. Both teams scored in the last quarter

In Section #2, Sigma Phi Epsilon tallied late in the final (See GREEK, page 4)

of the contest. Delta Sigma Phi downed Sigma Pi 12-0 to take second spot in the section.

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WORDS: THEIR CAUSE AND CURE

Today let us take up the subject of etymology (or entomology, as it is sometimes called) which is the study of word origins

or insects, as they are sometimes called).

Where are word origins (insects) to be found? Well sir, sometimes words are proper names which have passed into the language. Take, for instance, the words used in electricity: was named after its discoverer, the Frenchman And Marie Ampere (1775-1836); similarly, ohm was named after the German G.S. Ohm (1781-1854), watt after the Scot James Watt (1736-1819), and bulb after the American Fred C. Bulb (1813-1912)

There is, incidentally, quite a poignant little story about Mr. Bulb. Until Bulb's invention, all illumination was pro-vided by gas, which was named after its inventor Milton T. Gas



vho, strange to tell, had been Bulb's roommate at Cal Tech! In fact, strange to tell, the third man sharing the room with Bulb and Gas was also one whose name burns bright in the annals of illumination-Walter Candle!

The three roommates were inseparable companions in college. After graduation all three did research in the problems of artificial light, which at this time did not exist: All America used to go to bed with the chickens, and many fine citizens were, alas, severely injured falling off the roost.

alas, severely injured failing off the roost.

Well sir, the three comrades—Bulb, Gas, and Candle—
promised to be friends forever when they left school, but
success, alas, spoiled all that. First Candle invented the candle, got rich, and forgot his old friends. Then Gas invented gas,
got rich, bankrupted Candle, and forgot his old friends. Then
Bulb invented the bulb, got rich, bankrupted Gas, and forgot
his old friends. his old friends

Candle and Gas, bitter and impoverished at the ages resp tively of 75 and 71, went to sea as respectively the world's oldest and second oldest cabin boy. Bulb, rich and grand, also went to sea, but he went in style—as a first-class passenger on

Well sir, strange to tell, all three were aboard the ill-fated Lusitania when she was sunk in the North Atlantic. And strange to tell, when they were swimming for their lives after the shipwreck, all three clambered aboard the same dinghy!

Well sir, chastened and made wiser by their brush with peril, they fell into each other's arms and wept and exchanged for-giveness and became fast friends all over again.

For three years they drifted in the dinghy, shaking hands and singing the Cal Tech rouser all the while. Then, at long last, they spied a passing liner and were taken aboard.

They remained fast friends for the rest of their days, which, I regret to report, were not many, because the liner which picked them up was the Titanic.

them up was the Titanic.

What a pity that Marlboros were not invented during the lifetimes of Bulb, Gas, and Candle. Had there been Marlboros, these three friends never would have grown apart because they would have realized how much, despite their differences, they still had in common. I mean to say that Marlboros can be lit by candle, by gas, and by electricity, and, no matter how you light them, you always get a lot to like—a filter, a flavor, a pack or box that makes anyone—including Bulb, Gas, and Candle—settle back and forswear pettiness and smile the sweet smile of friendship on all who pass! smile of friendship on all who pass!

Etymology is not the business of the makers of Mariboro Cigarettes, who sponsor this column. We deal in rich to-baccos and fine filters. Try a pack soon.

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(Continued from page 3)
period to edge Theta Chi 6-0.
Quarterback Doug Monday tossed to Mike Wagoner for the
lonely score. The Sig Eps hold
first position in this section. The
loss dropped Theta Chi into a
tie for the number two spot with
Kappa Sigma, who defeated Alpha Epsilon are tied for first
place in Section #3 with 2-0
records. These two teams will
meet Monday to decide the section leader. In this week's
games, Kappa Alpha defeated
Tau Kappa Epsilon 34-0. Wrenn
was the offensive leader with
three touchdowns.

In the other Section #3 con-

three touchdowns.

In the other Section #3 contest, Sigma Alpha Epsilon edged Lambda Chi Alpha 12-6, the winning touchdown coming with less than a minute to be played in the game. LCA's only score was a pass from Bob Stamply to Neil Styers. Both of the victor's nesses were from Chet Pennen. passes were from Chet Pennen-ger, one to Ralph Bowman and

PEP

(Continued from page 1)
game tomorrow night and the
Varsity Clemson game Saturday night.

me Students & Faculty

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the other to Oscar Everett.

Phi Kappa Tau holds first position in Section #4 by downing Sigma Nu 12-7. Emmors threw to Thorn for one PKT score and Harrison ran 40 yards with an intercepted pass for the other score. Brock threw to Henderson twice for Sigma Nu's seven points. Sigma Chi defeated FarmHouse 21-0 in the other Section #4 game. Wheeless hit Millsaps for two Sigma Chi score's while Cook scored on an interception for the third tally.

The first judging will be held on October 9 at an informal on October 9 at an informal

judges: Jimmy Capps of WKIX, John Maddox of State's Visual Aids, and Mrs. Bill Cook of Hardbargers Business College.

GOOD EATING

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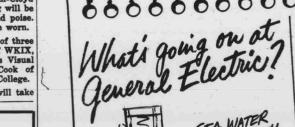
Grill

Contestants in the Miss Con-solidated University contest will p.m. on October 13. For this have two preliminary judgings to go through.

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