

High Schoolers Arrive Tomorrow

Over 700 Students Due On Campus

Bostian To Speak At 11 In Coliseum

A varied program of events will be presented at State College tomorrow, when the college will entertain high school juniors and seniors and their parents from throughout the State.

Chancellor Carey H. Bostian has invited the high school juniors and seniors and their parents to be the guests of the college during the day-long observance, which has been designated as "North Carolina State College Day."

As of Tuesday over 60 high schools had indicated they were sending delegations totaling over 700 students.

The students will assemble in the Coliseum at 11 a.m. tomorrow and will be welcomed to the campus by Chancellor Bostian. Dave Phillips, College Union president, will act as master of ceremonies. Short speeches will be given by Campus Government President Billy Oliver and guest speaker C. A. Dillon, president of Dillon Supply Co. and the State College Engineering Foundation.

The visitors will be guests of the college at the Davidson-N. C. State

basketball game in the Coliseum Saturday night.

Highlights of the afternoon program will be tours of the Schools of Agriculture, Design, Education, Engineering, Forestry, and Textiles and informal talks by college representatives on the work of the institution and its allied divisions.

Accompanying the visiting high school students and their parents on the tours will be professors, other staff members, and State College students who will be on hand throughout the day to assist the visitors whenever possible.

The professional and honor societies of the various schools are furnishing 225 student guides for the visitors. In addition, scores of faculty and staff members will be stationed in the laboratories and classrooms to provide assistance and to answer questions.

The College Union is handling the 11 a.m. meeting in the Coliseum.

The Monogram Club, under the direction of professor Bing Miller, will handle seating of the students at the basketball game.

the Technician

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December 4, 1953

Tau Beta Pi, National Honor Frat Initiates Eighteen Top Engineers

Eighteen juniors and seniors in the School of Engineering at North Carolina State College have been initiated into Tau Beta Pi, national honor fraternity, Ted F. Haggai of Raleigh, president, announced recently.

Membership in Tau Beta Pi is considered one of the highest honors that can be bestowed upon student engineers.

Seven outstanding members of the junior class were chosen for membership. They are W. R. Edwards, Mars Hill, chemical engineering; C. F. Martin, Landrum, S. C., nuclear engineering; L. R. Snowman, Greensboro, electrical engineering; E. P. Brantley, Raleigh, civil engineering; R. M. Knight, Raleigh, electrical engineering; M. B. Daniels, Jr., Wilson, mechanical engineering; and W. B. Browne, Chapel Hill, mechanical engineering.

Eleven seniors who were chosen as new members are W. M. Pritchard, Norfolk, Va., mechanical engineering; Einar Aase, Oslo, Norway, mechanical engineering; A. R. Miller, Newport, electrical engineering; R. F. Anderson, Mt. Airy,

chemical engineering; Phillip Gans, Hendersonville, geological engineering; H. F. Lowery, Rowland, civil engineering; A. B. Merritt, Salisbury, civil engineering; J. B. Alspaugh, Winston-Salem, industrial engineering; H. D. Mitchell, Jr., Raleigh, mechanical engineering; W. B. Williams, Greensboro, mechanical engineering; and J. E. Stegall, Charlotte, civil engineering.

Dr. Walter J. Peterson, head of the Department of Chemistry at State College, delivered the main address at the initiation banquet.

Officers of Tau Beta Pi, in addition to Haggai, are G. W. Brannan of Dunn, vice president; J. B. Walker of Raleigh, recording secretary; E. H. Spainhour of Rural Hall, corresponding secretary; C. C. Cardwell of Newport News, Va., cataloger; and Dr. Phillips Pike of the college faculty, treasurer.

Faculty advisors from the Engineering School include Dr. F. W. Lancaster, Professors V. M. Faires, D. E. Henderson, and E. W. Winkler.



C. HOWARD WAYNICK

Charles Waynick Wins AISC Scholarship

Charles Howard Waynick of Guilford College, a junior in civil engineering at North Carolina State College, is one of ten students in the nation to have been awarded an American Institute of Steel Construction Scholarship for the current academic year, Dr. J. H. Lampe, dean of engineering, announced today.

The scholarship is valued at \$500. The award is made to students in civil engineering or architectural engineering whose main emphasis is on the design of structural steel. It is one of ten national scholarships awarded annually.

Waynick, a graduate of Guilford High School, is studying in the field of construction. In addition to maintaining a high academic standing, he is a member of the Civil Engineering Departmental Honor Council and has been active in intramural basketball and softball.

He has done self-help work toward his college education during the summers and on week-ends with his father's firm, Waynick and Welker, general contractors at Guilford College.

Waynick is the son of Mr. and Mrs. Charles Henry Waynick of Guilford College.

Dean Lampe spoke of Waynick as "one of our outstanding students" who is the first engineering student at the college to receive this award.

He added: "We here in the Engineering School at North Carolina State College are most appreciative of the activities and the help that the Committee on Education of the American Institute of Steel Corporation is giving to many worthy students throughout the country."

Frosh Election Results Released

Hugh Sample of Greensboro was elected president of the Freshman class at an election held Thursday, November 19th.

"Doc" Farrell of Troy was elected vice-president, Rodney Bell of Zebulon, secretary and Robert Wilkins of Fayetteville treasurer.

This group will head the largest Freshman class in the 64-year history of State College. It is composed of 1,512 students.

Prizes Offered For CU Insignia Designs

Harry Moser, chairman of the Gallery Committee of the College Union, has announced the beginning of a contest to help present the new College Union building to the public. The contest will involve submitting designs for College Union insignia in the following five divisions: (1) menu covers, (2) dixie cups, (3) match book covers, (4) place mats, and (5) symbol to be used as the North Carolina State College Union trademark, e.g., the exterior of the new College Union building.

Prizes of twenty-five dollars will be offered to the winner in each of the five divisions. This amount purchases for the Union full ownership of the design. This includes the right to make changes in the prize winning design, if such are desired by the judges; and does not guarantee that the design will be used. There will be no second prizes offered. The Union reserves the right to make no award if the judges decide that the quality of a certain division has no entry meriting an award.

Any Union member is eligible to submit an unlimited number of entries in any or all of the five divisions. The judges will include State College professors and students. There will be a preliminary jury for contestants to present their entries in person on Sunday, January 10, in the College Union office, 134, 1911 Building.

For further details of the contest, contact a member of the College Union staff, or Henry Moser, director of the contest.

Billfold Is Lost

A billfold containing valuable papers as well as \$15 in cash has been lost somewhere on the campus by Augusto Camamocho. Will the finder please return the wallet and

Campus Gov't Passes Exam Honor Pledge

The Campus Government Council held meetings on November 24th and December 1st.

Varsity sports will be included in the extra-curricular, point system in the future. A motion was passed to this effect at the Dec. 1st meeting. As a result of this move all varsity athletes will be required to maintain at least a "C" average throughout their four years of college.

The Council also passed a motion to have all students sign an honor pledge after examinations. The pledge decided on in the Nov. 24th meeting included the phrase "I have neither given nor received aid on this examination nor have I observed any cheating going on." During the Dec. 1st meeting it was suggested that the reference to observation of cheating be deleted from the pledge. A motion to so change it was not passed (a two thirds majority was needed). However, the Faculty Council, in a meeting Tuesday, decided to change the pledge wording. Consequently, the pledge, which all students will be required to affirm before their examination papers will be graded, will not include a reference to observed cheating.

Aubrey Council was appointed chairman of the Honor Council.

A motion was passed to require the honor committees of the various schools to report all cases before their committee on the day the

(Continued on page 2)
papers to Mr. Camamocho at 122 Park Ave. The ymay keep the \$15 as a reward.

This Is State College

(This is the second in a series of articles on State College by Mr. Pate.)

In 1890 State College had 84 students. Enrollment increased to 110 in 1891, and in 1918 it passed the 1,000 mark.

Total registration reached over 5,334 in 1947—5,334 young men and women with confidence that "farmers and mechanics" had best be educated. And before them, gone into every nook and corner of the world, are thousands of well-trained, substantial alumni who had the same idea—men who are throwing bridges over giant chasms, teaching farmers all that science has learned about agriculture, building dams to rescue wastelands and give light to millions, stringing highways throughout the land, clothing the civilized world in the best raiment the mighty textile industry can produce, creating new magic in chemistry and ceramics so that the world will be more comfortable and beautiful, developing and conserv-

ing our natural resources, putting power into mechanical giants, designing new homes and buildings, getting the most from their farms, and delving into a thousand research projects from which a richer and fuller life for untold millions will emerge.

State College is aptly the Cinderella of the South's educational institutions. Kicked around at the start, she has grown into a proud Alma Mater who holds her head high with the best technological colleges and universities in the country.

At the Golden Anniversary celebration on October 3, 1939, the late Governor O. Max Gardner, an alumnus, described the creation of State College as the symbol of democratic progress in higher education in North Carolina, and said:

"Its founding broke the log jam (Continued on page 2)

Dean Talley and IFC's Petty Attend Meet

Larry Petty, IFC president and Assistant Dean of Students Banks C. Talley attended the National Interfraternity Conference held in Cincinnati, Ohio November 27th.

More than five hundred representatives of American and Canadian college and university fraternities, Interfraternity Councils and Deans of Men participated in the Conference.

Junior Class to Meet Dec. 10 For Ring News

The Junior Class is called to meet Thursday December 10, 1953 in Pullen Hall at 12 o'clock.

The purpose of the meeting is to hear a report of the ring committee and to authorize the letting of a contract for rings for the class of 1955.

A majority vote of those present is sufficient to authorize a contract.

Pless is New Army ROTC Head

Francis Lamar Pless of Canton, a senior in rural sociology at North Carolina State College, has been appointed cadet colonel and commandant of the Army ROTC Regiment at the college during the current school year.

Pless' appointment was announced by the college's Department of Military Science and Tactics, which also announced the selection of other top-ranking student cadet leaders.

A leading student, Pless received the "Outstanding Cadet Award" his sophomore year and the "Infantry Award" his junior year as the top-ranking infantry cadet.

Marvin Boyd Crow of Lexington was appointed to the rank of cadet lieutenant colonel and was assigned as executive officer of the Army ROTC Regiment.

Appointment of the cadet commanders for the three battalions comprising the Regiment also were (Continued on page 2)

Twelve Top Air Cadets Honored

Twelve top-ranking cadets in Air Force ROTC United at North Carolina State College have been designated as "distinguished Air Force ROTC students."

In announcing the list of honor students recently, Col. William J. Jowdy, professor of air science and tactics and head of the Air Force ROTC at State College, said the 12 students have "the highest academic and military standing in a senior class of 72 Air Force students."

The designation of the students for the high honor was made by Colonel Jowdy and was approved by Chancellor Carey H. Bostian.

Following is the list of students, all of whom hold the rank of cadet lieutenant:

James Bernard Alspaugh, Route 2, Winston-Salem; Ralph Eckley Deitrick, Winston-Salem; Roger Lee Jackson, Winston-Salem; James Baird Walker, Raleigh; Eugene Johnston Neal, Raleigh; Arnold F. Goodman, Raleigh; Lee Franklin Roberson, Wilmington; Frank A. Hargrove, Scotia, N. Y.; Archie R. Miller, Newport; Paul Francis Arata, III, Lancaster, Pa.; Richard L. Ball, Lenoir; and Carl J. Wyles, Buffalo, N. Y.

Alspaugh, son of Mr. and Mrs. B. E. Alspaugh, Route 2, Winston-Salem, is majoring in industrial engineering. Deitrick is the son of Mr. and Mrs. R. E. Deitrick of

Winston-Salem and is studying mechanical engineering. Another Winston-Salem student, Jackson is the son of Mrs. Millard Jackson and is majoring in architecture.

Walker is the son of Thomas J. Walker of Raleigh and is studying mechanical engineering. Also of Raleigh, Neal is enrolled in electrical engineering and is commander of the Arnold Air Society. A student in experimental statistics, Goodman is the son of Mrs. S. Goodman of Raleigh.

Roberson's parents are Mr. and Mrs. L. L. Roberson of Wilmington, and he is taking industrial engineering. A student in electrical engineering, Hargrove is the son of Mr. and Mrs. Frank L. Hargrove of Scotia, N. Y. Miller, a student in electrical engineering, is the son of Mr. and Mrs. D. D. Miller of Newport. A Lancaster, Pa., native, Arata is the son of Mrs. W. K. Dussinger of Lancaster and is enrolled in industrial recreation.

Majoring in chemical engineering, Ball is the son of Mr. and Mrs. J. R. Ball of Lenoir. Wyles, son of Mr. and Mrs. Carl Wyles of Buffalo, N. Y., is enrolled in industrial engineering.

STATE COLLEGE—

(Continued from page 1) that held back the benefits of education to the sons and daughters of the masses of our people. It liter-

ally sprung from the grass roots of democracy."

State College and its allied agencies now has over 2,300 employees, including about 440 teachers. The main divisions of the institution include the School of Agriculture and Forestry, the School of Design, the School of Education, the School of Engineering, the School of Textiles, the School of General Studies, the Extension Division, the Department of Military Science and Tactics, and the Summer School.

Allied agencies with headquarters on the campus include the North Carolina Agricultural Extension Service, the United States Weather Bureau, the United States Bureau of Mines Regional Laboratories, the Division of Vocational Agriculture of the State Department of Public Instruction, and other departments.

CAMPUS GOV'T—

(Continued from page 1) offense against the honor code is committed.

The Council also decided to accept a division of United Fund Drive money collected on campus which would give 90 per cent to the W.S.S.F. and 10 per cent to the United Fund Drive.

Bill Dozier, of the Freshman Elections Committee, stated that the Freshman elections went off smoothly but were poorly attended.

A motion was also passed to back the High School Day program.

PLESS—

(Continued from page 1) announced. These students, all of whom will hold the rank of cadet lieutenant colonel, are:

John Clifford Pyron of Charlotte, commander of the first battalion; Robert Frederick Carr of Oxford, commander of the second battalion; and John Stephen Crosby of Jacksonville, Fla., commander of the third battalion.

State College Army ROTC Regiment, one of the largest in the South, is composed of more than 1,200 cadets. It is headed by Col. Richard R. Middlebrooks, professor of military science and tactics at State College.

A motor vehicle manufacturer reports that the most popular color for new trucks is red.

The United States has more than three-quarters of the world's passenger cars, and more than half its trucks and buses.

Filters produced by the automotive industry will separate water from gasoline.

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HUGHES Cooperative Fellowship Program for

MASTER OF SCIENCE DEGREES

The Hughes Cooperative Fellowship Program has been established to enable outstanding graduates to pursue work for the Master of Science degree while employed in industry and making significant contributions to important military projects.

Eligible for consideration are students who will receive the B.S. degree during the coming year and members of the Armed Services being honorably separated and holding B.S. degrees. In either case the field of the B.S. degree must be:

ELECTRICAL ENGINEERING
PHYSICS, OR
MECHANICAL ENGINEERING

The awards will be made to applicants who have evidenced outstanding ability and some degree of creativeness. They must also possess traits enabling them to work well with others.

Applicants must be United States citizens for whom appropriate security clearance can be obtained, as their work in the Hughes Laboratories may be related to National Defense projects.

Applicants must be able to meet the requirements for admission to graduate standing at the University of California at Los Angeles or the University of Southern California.

Participants will be employed at Hughes full time in the summer and 25 hours a week during the university year while pursuing half-time graduate work.

Recipients will earn five-eighths of a normal salary each year. This salary will be determined by the individual's qualifications and experience, and will reflect current salary practices in the electronics industry. Salary growth will be on the same basis as for full-time members of the scientific-engineering staff. Recipients will also be eligible for health, accident and life insurance benefits, as well as other privileges accruing to full-time staff members.

Tuition, admission fee, and required books at either the University of California at Los Angeles or the University of Southern California, covering the number of units required to earn an M. S. degree, will be provided.

For those residing outside the Southern California area, actual travel and moving expenses to this area will be allowed up to 10 percent of the full starting annual salary.

If a sufficient number of qualified candidates present themselves, as many as 100 Fellowships will be awarded each year.

Candidates will be selected by the Committee for Graduate Study of Hughes Research and Development Laboratories.

Application forms should be obtained immediately. Completed applications must be accompanied by detailed college transcripts.

Purpose

Eligibility

Citizenship

Universities

Program

Salaries

Sponsorship

Travel Expenses

Number of Awards

Selection of Candidates

Application Procedure

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NCS AG And Stat. Schools Are Tops

Statisticians throughout the world are making progress in solving "one of the United Nations' biggest problems—the achievement of uniformity in official statistics."

This conviction was expressed in an interview at North Carolina State College by Prof. Gertrude Cox, director of the Institute of Statistics of the Consolidated University of North Carolina, who has returned to her work here after making a 30,384-mile visit to 11 countries.

Professor Cox came back from her world tour with another conviction: The Department of Agronomy and the Department of Experimental Statistics at State College are both well known throughout the world and are looked upon as international leaders in their fields of work.

Traveling mostly by plane, including one jet craft, Miss Cox visited England, Belgium, The Netherlands, Switzerland, Italy, Yugoslavia, Lebanon, Egypt, the Union of South Africa, Southern Rhodesia, and Uganda.

While abroad, Professor Cox delivered 12 public lectures and toured at least 22 research centers and universities. She gave lectures in Belgium, Yugoslavia, Cairo, Pretoria, Johannesburg, Pieter Maritzburg, and Southern Rhodesia.

She also attended the third meeting of the International Biometric Society at Bellagio, Italy, Sept. 1-7, and the 28th session of the International Statistical Institute in Rome Sept. 8-15. Attendance at these meetings was the principal purpose of her trip overseas.

During her tour, Miss Cox renewed acquaintances with several persons who have studied and taught at North Carolina State College and who are now engaged in important educational or research assignments abroad.

Among these were Dr. F. A. Stinson, who received his Ph.D. degree from the State College Agronomy Department and who now works for the Tobacco Research Board of Southern Rhodesia; H. L. Manning, who was the first person to receive a degree from the State College Department of Experimental Statistics and who now is working for the Empire Cotton Growing Corporation in Uganda; and Dr. Barend de Looer of the University of Pretoria, who once did advanced study at N. C. State.

Miss Cox also visited with a number of foreigners who studied

at N. C. State under the Point Four program and the Marshall Plan.

Many of the countries which Miss Cox visited, she said, are thinking of sending more students to State College because of its international stature in the scientific world.

Among the highlights of the stay in Rome for the delegates to the International Statistical Institute, Miss Cox reported, were conferences with the president of the Republic of Italy, who is a member of the Institute; an audience with Pope Pius; and a reception at the home of U. S. Ambassador Clare Booth Luce.

From her conferences and visits abroad, Miss Cox said she became

"Destry Rides Again" Sunday's CU Movie

"Destry Rides Again" is charged with enough buckaroo comedy and sheer animal spirits to keep everyone laughing till the end.

convinced that "we should do more to help foreign students when they arrive in this country." The differences in philosophy, in customs, and in eating habits, she said, must make it difficult for foreign students to become adjusted to American ways and point up the need for more consideration from Americans.

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HUNNEYCUTT'S

1918 Hillsboro St.

The story involves James Stewart, an easy-talking no-gun sheriff who brings law to lawless Bottle Neck, routs its bad men by using his head instead of his trigger finger, and Marlene Dietrich, as

Frenchy, the bad girl of the Last Chance saloon.

Show time is 8:15 pm in the Textile Auditorium, Sunday December 6.

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EDITORIAL COMMENT:

THE EDITOR SAYS:

Let's Get Into Politics

The Campus Government Council voted Tuesday to send a letter to Senator Maybank of South Carolina expressing their approval of a bill he plans to bring before the U. S. Senate. The bill would allow parents to deduct from their income taxes the costs incurred in sending their children to college.

The suggestion to send the letter created quite a stir among Council members, several of whom expressed the idea that Campus Government should not "get into politics" and the fear that such action would or might result in criticism from unnamed sources.

It is obvious that no complaints will be received from parents of students now attending college. However, since the Federal Government depends on taxes for money to operate there may be opposition to the Senator's bill in the Congress but we doubt that the gentlemen in Washington will bother to criticize the Council directly.

That leaves only individuals or groups who may be opposed to our participation in politics in any form and who, we think, ought to be ignored as extremists who are abridging our rights as students and future citizens.

part of its government and if the government

We are, as citizens of the United States, is to function properly we must take an active part in its affairs. One aim of the Social Studies program, required of all students in engineering, is to arouse the interest of every student in politics. The Social Studies department feels that only by being interested and active in politics can a student even hope to survive and practice the profession he has spent four years learning. If, through our neglect, the country continues to be led by fools, incompetents and demagogues who are incapable of dealing rationally with the problems facing the nations of the world then civilization as we know it may disappear in the flash of innumerable H bombs.

We say, therefore, that Campus Government should face up to their responsibilities. The function of CG is to promote the interests of the students of North Carolina State College. If this function is best served by the action of the Council in writing letters or in trying to get the student body to actively campaign for a candidate for U. S. president then the action should be taken.

Cu Presents Album Program On Dec. 11

Haenschen Presents 'Familiar Music'

N. C. State College will be greeting one of its oldest friends when Gustave Haenschen brings "The American Album of Familiar Music" here on Dec. 11 for its concert at Memorial Auditorium.

"Music America Loves Best" has always been the keynote of The Album. For its first appearances on the concert stage, this will still be the standard. A completely rounded program of the kind of music the public loves to sing and to dance to from Broadway, Hollywood, radio, TV, and the concert and opera stages will be presented by Mr. Haenschen with an orchestra, chorus and three soloists. Designed for eye appeal as well as ear appeal the concert will actually be an evening in the Album tradition. To assure the public of this Mr. Haenschen has acquired the services of the director Charles Adams. Mr. Adams has given the program all the smoothness and swift pacing usually reserved for the best of Broadway musicals.

"Although the cast of 'The American Album' is hand-picked from the best talent available in New York, the music is really the star," maintains Mr. Haenschen. "It's the program that the people come to hear. All we do is give it our best." His many years as the leading conductor on radio testify that his best is just what the audiences want. Several times Mr. Haenschen has been able to break away from his radio schedule long enough to appear as guest conductor of the Detroit, St. Louis and Rochester orchestras. Occasionally he finds time to lead a "Pop" concert in the Fairfield, Conn. summer series.

A solid background in his profession is undoubtedly one of the most important reasons for Mr. Haenschen's success. Born in St. Louis, he started on the piano at the age of seven. Music was pushed into second place when he entered the University of Washington. To satisfy the family he ostensibly pursued Mechanical Engineering

but there wasn't an extra-curricular musical activity on the campus that wasn't headed by Gustave Haenschen. Amidst all this he found time to write and direct three college shows. One of the songs later became known as "Under the Japanese Moon" and was a hit in an edition of the Ziegfeld Follies.

Returning to St. Louis after graduation, he organized an orchestra booking service, followed this by becoming the manager of the leading phonograph store in town. World War I sent him into the Navy. Afterwards he settled in New York and was engaged by the Brunswick Company to organize their record division. As their principal record-maker he was given his radio chance when Brunswick records took to the air. The rest is radio history. The Coca-Cola Show, Pet Milk Program, International Harvester Hour, Show Boat, Firestone Hour, Chevrolet, etc. have all been conducted by Mr. Haenschen. Recently he has concentrated on "The American Album of Familiar Music" and it is here that he really has become synonymous with the light and beautiful music America adores.

NCS Reactor Makes National Journal

Machine Design of Cleveland, Ohio, the national professional journal of chief engineers and designers, carries a news story on the nuclear reactor at North Carolina State College in its November issue.

The magazine describes the physical features of the reactor and outlines the research and educational work which it will do. It calls N. C. State's new facility "the first university-owned nuclear reactor in the nation."

It's In The Book

Fortunately, my driver's license has never been in jeopardy. I understand, though, there are certain violations which call for a mandatory revocation of driving privileges. What are these? F. R. K., Southport

The Motor Vehicle Manual states that convictions for any of the following offenses call for a mandatory loss of driving privileges.

1. Manslaughter (or negligent homicide) resulting from the operation of a motor vehicle.
2. Driving a motor vehicle while under the influence of an intoxicating liquor or a narcotic drug.
3. Any felony in the commission of which a motor vehicle is used.
4. Failure to stop and render aid . . . in the event of a motor vehicle accident.
5. Perjury or the making of a false affidavit or statement under oath to the Department of Motor Vehicles . . . relating to the ownership of motor vehicles.
6. Conviction, or forfeiture of bail not vacated, upon two charges of reckless driving committed within a period of twelve months.
7. Conviction, or forfeiture of bail not vacated, upon one charge of reckless driving while engaged in the illegal transportation of intoxicants for the purpose of sale.

TECHNICIAN

Offices 137-139 1911 Bldg.

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"The Robe" It's Colossal

There was a time, not so long ago, when any movie theater in the country was able to get along with a single flat picture screen.

Those days are gone forever! Nowadays, the up-to-date movie theater must have three types of screens available: one for the conventional films, one for 3-D, and now, since the release of "The Robe," a screen adapted to the showing of "Cinema Scope" films. In addition the movie projectors must be fitted with special lenses to fit the different types of screens.

What is this latest addition to Hollywood's arsenal of technical achievements, which it hoped will lure the paying public away from their TV sets, and back into the air-conditioned palaces of movie-dom?

CinemaScope was invented in France by Professor Henri Chretien. On December 18, 1952, Mr. Spyros Skouras, president of Twentieth Century Fox, saw the first demonstration of the new technique in Nice, and immediately decided to obtain rights to the process. Conversion of all future Twentieth Century Fox production to CinemaScope has been announced.

This new medium utilizes an exceptionally wide screen that practically stretches from wall to wall (46 feet at the Ambassador Theater on Fayetteville Street, to be exact). Because this screen is not flat but curved, distortion of the picture has been eliminated, and a head-on view can be had from any seat in the auditorium.

In order to accommodate such a vast picture on standard width film,

an entirely new process is being utilized. A special anamorphic camera lens "compresses" the extremely wide field of vision onto regular 35 mm film. On this film the pictures look as if painted by El Greco—long and thin. On the projector the film is de El Grecoized by means of a similar anamorphic lens, so that the figures will regain their normal proportions on the screen. Each of these anamorphic lenses costs 1,200 dollars.

Extremely interesting is the "stereophonic" sound system. No less than three speakers are located behind the screen (one in the center, and two at the extremes), each serviced by a separate sound track on the film. As the visible source of sound shifts back and forth, the sound appears to emanate from its exact point of origin on the screen. The three loudspeakers are automatically cut on and off, as required by the action taking place on different portions of the wide screen.

In addition, there are a total of fourteen loud speakers strategically located throughout the whole theater, whose object is to emit special sound effects. These loudspeakers are actuated by a fourth sound track on the film. Whenever the sound volume rises above a certain level, the sound effect loudspeakers are automatically cut in, surrounding the audience with sound waves from all directions. This happens at eight different occasions during the showing of "The Robe."

The total effect is one of vast dimensions, lifelike depth, and majestic sound.

ASEE Group Hears UNC TV Head

The million-dollar television station, which the Consolidated University of North Carolina is now building, is both "a State resource" and an "act of faith."

This observation was made here recently by Robert F. Schenkken, director of television for the Consolidated University, in an address at a luncheon of the North Carolina State College Chapter of the American Society for Engineering Education.

The speaker was introduced by Prof. John K. Whitfield, chairman of the State College ASEE Chapter, who was in charge of the program.

Schenkken reviewed current progress toward the completion of the Consolidated University's TV station and said this new facility will enable the three institutions comprising the Consolidated University to reach a larger number of the citizens of the State with the varied educational programs now underway.

Continuing his talk, he said:

"The Consolidated University is the licensee for Channel 4 and the three branches of the Consolidated University will each possess production centers. But, like the Consolidated University, Channel 4 belongs to the people of North Carolina. It is a state resource. It will be a success if it is looked upon in this way by the people of the state through all their organizations—state agencies, school systems, institutions of higher learning, welfare agencies, civic organizations and the like.

"A feeling of participation, however, isn't going to be enough. Good television programming isn't created by a feeling—it's created by hard work. And if we all hope to see this miraculous medium do the job in education of which it is technically capable, we are all going to have to work.

"If I were going to make an address, which I am not, and were

therefore going to have to give it a title, which I do not, I believe I should call it 'Educational Television—An Act of Faith,' because that is what this great enterprise on which the Consolidated University has embarked really is . . . an act of faith.

"There has been, first, the faith of the citizens who requested that channels be reserved for education. There has been the faith of the Federal Communications Commission in placing an educational reservation on Channel 4; and, parenthetically, we should note that this is an act of faith which involves a property—a natural resource—worth several millions of dollars. This act was followed by the recommendation of the deans, directors and department heads of all three institutions over a year ago, recommending that the Consolidated University build and operate an educational station—by the commercial broadcasters and telecasters of North Carolina recommending the same—by presidents of three major networks recommending the same—by a committee of the trustees and a group of legislators—by the University administration—and finally, in a most concrete way, by the donors who gave to the consolidated University a million dollars to build and operate this station.

"All of these are acts of faith—faith in the power of this new medium to help us all help ourselves—faith in the Consolidated University of North Carolina as the custodian of an educational resource for the people of North Carolina. And finally, and most important of all, it is an act of faith in the people of North Carolina: that they will all join together in putting into this channel all the educational resources at their command, that they will all derive from this channel the maximum possible benefits in health and wealth and spiritual well-being."

FURMAN GAME—

(Continued from page 6)
ball at forward. The Wolfpack played very well, and it seemed as if local fans were quite pleased with prospects for a successful season. The next three games at the Coliseum will see State take on Davidson, the Phillips Oilers, and Eastern Kentucky in that order. This should prove a test to the durability of the team, but if they play like they did Tuesday, they can only do well.

Tuesday night also saw the seasonal debut of the State Freshmen. Visions of last year's freshmen returned as they downed the varsity of Chowan Junior College by the comfortable score of 90-58. The boys showed plenty of hustle, and they proved to be a well chosen group. The game was the scene of some fine shooting and good all-around play, and it seems that the varsity will receive some fine ball players when the season is complete. Outstanding players for the Wolflets were forwards Cliff Hafer and Nick Pond. The guard positions were very capably handled by Bob Giddens, John Maglio, and Bob Schrubbe. 6-9 Bob Seitz showed himself to be a worthy center.

In all, it seemed to be a good night for State College. For both the Pack and the Wolflets, the evening's play seemed to be a little notice to their coming opponents that they can expect to see plenty of fight and lots of good basketball.

SOCCER—

(Continued from page 6)
boys grew up playing baseball. Due to injuries, Sophomore goalie Bernie Fishman got the nod from coach De Groat and had the tough job of stopping the Tar Heels of U.N.C. in his first varsity game. With the fine help of the entire State team, Fishman not only stopped the Tar Heel onslaught but he also shut them out in the process. This 4-0 victory gave the Wolfpack an A.A.C. record of 3-3-1 at this stage of the season. Two more losses to Fort Bragg's veteran all European team and again to Cherry

Point stopped the State win streak.

This was the first year State had played against service teams but they will continue to do so because of the great experience which it gives the team.

The Wolfpack loses through graduation this year such fine performers as All-Southern Jim Truslow and Adrain Castro, the teams high scorer. Seniors John De Frietas and team manager Alan Nishball also are due to graduate in 1954.

Next year, eyes will be focused on such names as Pete Engel, Roy Goforth, Afir Ali and a whole host of good freshman material who will probably make next year's varsity a mighty good aggregation.

Brief statistics for the State team were 3 won 3 lost and 1 tie in A.A.C. play. The team scored 23 goals to their opponents 30.

However, in the conference play they notched 18 tallies to their adversaries 16.

N. C. State College's soccer team mentored by Eric De Groat has left the name of the college which he and the boys represent at a highly respected level no matter where the team went and no matter what the final outcome of any particular game was. We here at State, we have a lot to be proud of due to the fine showing which these group of athletes have made for both the college and themselves. This is a reflection as to the fine sportsmanship of everyone concerned with the team.

FRAT SPORTS—

(Continued from page 6)
of Green, Agnew, and Blackard were unrewarding for the vanquished Sigma Nu's.

In the second round of this double elimination series P.K.A. played S.A.E. and Sigma Chi played Sigma Nu. S.A.E. squeaked out about as close a victory as is possible in intramural competition by taking the football contest 2 first downs to 0 for P.K.A. These two football powers clashed with neither having tasted defeat over the season. Two of the best competitors in the persons of Joe Trogden and Tommy Lassiter matched wits on the gridiron. The calibre of the game is shown by the score and P.K.A. is eager to get another crack at the victors.

Tennis finds Sigma Nu, Sigma Chi, Kappa Alpha, and Sigma Phi

Epsilon fighting it out for the championship.

The way things shape up in bowling competition is as follows:

Section 1	Won	Lost
Phi Epsilon Phi	4	0
Pi Kappa Alpha	3	0
Sigma Chi	3	0
Farmhouse	1	2
Sigma Alpha Epsilon	1	2
Pi Kappa Phi	0	4
Kappa Sigma	0	4
Section 2	Won	Lost
Alpha Gamma Rho	2	1
Phi Kappa Tau	2	1
Sigma Nu	2	1
Sigma Phi Epsilon	2	1
Kappa Alpha	2	2
Tau Kappa Epsilon	2	2
Lambda Chi Alpha	0	4

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J. O. Hilliard Carl Smith - Mgr.



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Marjorie Lightfoot
Pembroke College

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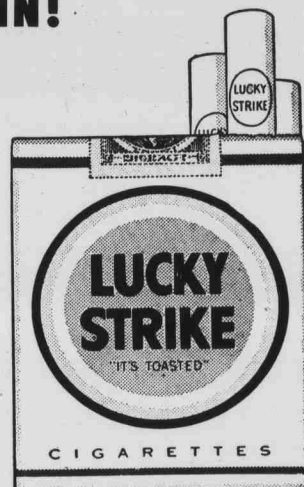
Charlene E. Bernstein
State University of Iowa

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Through The Keyhole

LEONARD A. BINDER Sports Editor

BASKETBALL PREVIEW

The football season has come, and except for a few remaining contests, nothing remains of the present grid season save the various bowl games to be played on New Year's day.

The average sports-minded fan probably was not even aware that the basketball season had already begun its tenure on the national sports scene. Nevertheless, almost all the major quintets of the country have at least played at least their opening game of the season; and N. C. State is no exception.

Once more this year, the student body here at State is fortunate enough to be able to see most of the outstanding hoop powers of the country pass before their eyes as they engage the Wolfpack in the spacious confines of the beautiful William Neal Reynolds Coliseum.

In the opener against Furman University, the Purple Hurricanes All-America, Frank Selvy, was again the spark-plug of his team. As the season wears on, players like Dick Hemric, Tom Gola, Bob Kurland, John Clune, and the great Bevo Francis are just a few of the outstanding cagers who will appear here.

The schedule for this year is probably the most ambitious that the Wolfpack has ever undertaken. It includes games against all the Big-Four A.A.C. rivals. The N. C. State quintet is also slated to engage in a home and home series with the powerful Villanova Wildcats, as well as having to face the Penn State, LaSalle and St. Johns right here in Raleigh.

The Wolfpack will be really out to scalp the St. Johns Indians in order to atone for the horrendous beating which the Wolfpack suffered at the New York quintet's hands last year at Madison Square Garden.

Of course, the Rio Grande quintet averaged over one-hundred points a game against mostly small college competition last season, is expected to be one of the most colorful attractions seen at the coliseum in years. Led by their nineteen year old 6-9 center, Bevo Francis, the Rio Grande team went through their schedule of last year without tasting defeat. Big Bevo led the nation in scoring with a never before equalled average of 64 points per game including an unbelievable total of 116 in one game against a very small junior college team. Just the same, this is still a lot of points to rack up against any type of opposition, and the team's progress this season against major opponents will be closely followed by basketball experts everywhere.

Next week, the Phillips 66 Oilers come to the coliseum to play the Wolfpack. Led by All-Americans Bob Kurland, and Jim Darling, the Oilers will present one of the tallest starting fives ever to appear on any basketball floor. Bob Speight, last year's co-captain of the Wolfpack, has earned a starting berth with the Phillips team, and Bob's play will be watched and cheered by the people at the Coliseum that evening with mixed emotions.

The powerful Big-Four quintets will again play host to four other outstanding collegiate hoop teams in this year's Dixie Classic, to be held as usual at the Reynolds Coliseum during the Christmas recess. Seton Hall, last year N.I.T. champions, Navy, Oregon State, and Tulane will provide plenty of keen opposition for the North Carolina teams, and therefore the tournament promises to be an exciting one from start to finish.

If State fans have not had their fill of basketball by this time, they still will have an opportunity to satiate their basketball hunger by watching the annual conference tourney which this year will again be held right here in Raleigh. This tournament should be very interesting since it will be the first one that the new A.A.C. has had.

Soccerites Finish Good Campaign

By Alan Nishball

On October 18, 1953, N. C. State began its soccer season against their arch rivals, the Tar Heels of North Carolina. This encounter was Carolinas second of the season. The Tar Heels had garnered an impressive triumph in the opener and they were a confident band as they prepared to meet the Wolfpack. Due to the fine play of Adrain Castro, and James Truslow, this year's co-captain, the score ended in a deadlock at 2-2. Carlos Acquerreureta, Norman Norris, Mike Chocron, James Gillian, and goalie Ralph Eiore, all saw extended action as starters for the Wolfpack in this game. Sophomores Mark Rowe, Ernest Sherill, Bob Scraggs, and Harold Yarbber made up the rest of the starting team for the N. C. State soccerites.

State lost their next two games, 5-1 and 4-0, to Roanoke and Maryland respectively.

However, coach Eric De Groats booters were determined to get into the win column. On October 27, State trounced Washington and Lee 6-0. Two goals by Norman Norris and single tallies by Castro and

Truslow along with two other markers by Bobby Scraggs accounted for all the scoring. With the taste of victory fresh on their lips, State stayed on the right side of the victory ledger by outplaying the Virginia Cavaliers and winning the game on a rain swept field 3-2.

In the latter game, the State bench played an important part in the victory. Tom Beaty, Jim Betts and Jim Roberts all aided a great deal in the Wolfpack victory.

On Homecoming day, State again met the powerful Roanoke team, only to lose by the narrow margin of 3-2. State gave all they had and the spectators who witnessed the contest saw one of the best games that they would see in many a season.

In a non-conference game, State lost to the Cherry Point Marine base team 5-3. This was another good game for the fans to watch since the Marine team was composed of native born Scotch, Greek, Spanish, South American and English players. These boys grew up playing the game of soccer in much the same way that our American

(Continued on page 5)

Hot Pack Rips Furman In Opener As Winners Hit Century Mark

By Marty Bier

The 1953-54 basketball season opened with a bang last Tuesday as the 8,200 fans who flocked to Reynolds Coliseum saw the Wolfpack roll over the Hurricanes of Furman University by the score of 100-74. Highlighting the evening was the new Coliseum record of 61 points for half-time scoring set by State, beating their old mark of sixty made last year against Cincinnati. From the time of the opening jump, it was State all the way, and the Wolfpack was never in trouble of any kind.

The first quarter saw the Pack hitting with shots from all over the court as the score began to rise. By the time the horn for the end of the period sounded, 28 Wolfpack points had gone through the net. The second quarter proved to be a repeat of the first as the superior rebounding of the Pack gave them the ball time after time. The half ended with the score 61-40.

The pace of the Wolfpack seemed to slow down considerably in the second half, and to push the fight for Furman, their All-American guard, Frank Selvy, really began to pour on the steam. Furman held the Pack to 15 points in that stanza, as the play began to level off. Midway into the last quarter, the mighty men of Coach Case began their late drive towards the 100 mark. It seemed that nothing could stop them, and nothing did. The game ended in a 100-74 victory for State College.

Many players were outstanding in the game, and it appeared that every man who took the court in Red and White played good ball. High scorer of the night was Furman's Frank Selvy who played his heart out. His efforts were well rewarded, however, as he put in 31 points. High man for the Wolfpack was guard Dave Gotkin who hit the bucket for 24. Sophomore center Ronnie Shavlik played the boards very well, and he scored 23. Mel Thompson, playing forward after being switched from his old position at center, showed that he can play them all and proceeded to score 16 points. Fine play was also shown by guards Vic Molodet, Whitey Bell, and Herb Applebaum. Dick Tyler started and played good (Continued on page 5)

Fall Frat Play Nearing Final Stage

Dick Rudikoff

With the end of the term nearing rapidly, all of the Fall athletic events are in their final stages. The two teams that fought it out for the fraternity athletic cup last year again seem to be in similar situations. The rivalry between Sigma Chi is certainly keen.

Sigma Nu wound up in its division in football in the number one position by virtue of a 33 to 0 triumph over Tau Kappa Epsilon. Davis accounted for three of the touchdowns while Agnew, Buckman, and Blackard also were instrumental in the victory.

The playoff series pitted Sigma Alpha Epsilon against Sigma Chi and Sigma Nu against Pi Kappa Alpha. The first game was won by S.A.E. by a 67 to 0 score. It was a rough and tumble affair with no quarters being given by either team. Trogden was again the potent weapon for S.A.E. with Welch and Feroe supplying the needed punch for victory. The efforts of Capel, Cocke, and Pappendick were not enough for the losers.

P.K.A. handled Sigma Nu in much the same manner as they handled their opposition during regular season play. The final score found P.K.A. on top 12 to 0. Again it was Tommy Lassiter leading the way with Carlton "Zero" Kennedy to supply the 1, 2 punch. The efforts (Continued on page 5)

Bagwell Wins Two Titles

By Jerry Armstrong

The sectional playoffs in tennis, football, and volleyball took over the dorm spotlight this week as the teams try for the championship crowns in each division. Bowling also finished the playing for this quarter.

Gridiron

In the league playoffs two Becton teams took league championships and Bagwell No. 1 added one team along with Verville.

Becton No. 1, league 2 champions, took their last game from Owen No. 1 by via of a forfeit. In the sectional playoffs, tournament for deciding the campus football champions, Becton also took their first playoff game over Verville. The game was a battle of the defenses with neither team being able to push across a score. In a case like this the winner is the team having the most first downs. Becton took the game five first downs to Verville's one. Dudley Whitley and Monk Gardner were the scoring potential for Becton as they combined some long runs, several completed passes, and added several pass interceptions on defense. These attempts at scoring were close (but close only counts in horseshoes), but were futile for a tally. Although the Bects didn't score they still looked impressive on defense with linemen Fletcher Murray, Mack Gay, and Jimmy Peterson leading the attack.

The week before the holiday Alexander No. 2 dropped their last game of the season to Welch by a forfeit.

Volleyball

Volleyball league play finished last week with Becton No. 1, Becton No. 2, and Berry taking the league crowns. Some of the sectional games were played this week and will continue to be played next week until the double elimination tournament is finished, deciding the campus champions.

Becton No. 1 clinched the league 3 crown by taking a decisive win over Tucker No. 1 by the scores of 15-12, 16-18, and 15-2. This was a thriller for the Bects who were in third place before the last two matches. They won the other match by a forfeit from Owen No. 1. Cress, Monk Gardner, Gene Biggerstaff, and "Big" Buddy Edmundson were the big guns for the "Truelove" team.

Berry's "Huskies" went down to their first defeat in the sectional playoff this week by dropping a game to the boys from Becton No. 2. Temple was the difference in the game as he paced the Bects to two straight wins, 15-12 and 15-4. Godfrey, McDade, Stanfield, and Jones were the standouts for the losers.

Tennis

Owen No. 1 proved to be the team to stop, if possible, before they take the campus tennis crown without a fall. Last week they took two more matches and continued to look like they are going to be champs. Their first win was over Becton No. 2 as they rallied to take both singles matches and were well on the way of taking the doubles, when "ole man darkness" set his darken web over the courts.

Scoring for the singles: Vaughan 6-0, 6-0 and Gilliam 7-5, 6-1. In the other game they moved over Turlington No. 1 by taking both the singles matches and the doubles.

Bowling

The bowling is over for this quarter and the standing for the two leagues are:

League 1			
Team	Won	Lost	Pct.
Bagwell No. 1	12	0	1.000
Tucker No. 1	10	2	.333
Syme No. 2	6	6	.500
Becton No. 1	4	5	.444
Turlington No. 2	2	7	.222
Alexander No. 2	2	7	.222
Verville	0	9	.000
League 2			
Berry	9	0	1.000
Becton No. 2	11	1	.922
Owen No. 1	5	4	.555
Syme No. 1	6	6	.500
Bagwell No. 2	6	6	.500
Tucker No. 2	1	8	.111
Turlington No. 1	1	8	.111

High game for League 1 is Vargo from Tucker No. 1 with a game score of 145 and for League 2 is Stubbs of Bagwell No. 2 with 144.

Can 1954 Squad Beat These Marks?

Season Record
Won 26, Lost 6

N. C. State	Opponents
77	Furman University 69*
88	Washington and Lee 63*
82	Davidson College 47*
50	Wake Forest College 51* loss
105	Rhode Island Univ. 66
88	Eastern Kentucky 75
75	George Washington 68*
80	Texas Tech 55
56	St. John's Univ. 67 loss
96	Dartmouth 50
87	Princeton 63**
76	Holy Cross 74**
75	Brigham Young 59**
77	Cincinnati 72
105	Davidson College 71*
82	Duke University 68*
62	William and Mary 58*
76	George Washington 69*
69	North Carolina 70* loss
81	Villanova 89 loss
99	Wake Forest College 80*

(Continued on page 10)

EE Student Awarded \$800 Scholarship

Johnnie Leon Pearson of Wilson, a senior in electrical engineering at State College, is the first recipient at the college of an \$800 senior

United Fund Drive \$5000 Over Quota Here At State

Faculty and staff members of North Carolina State College have contributed a total of \$16,427.40 to Raleigh's United Fund.

In reporting this, Dr. Fred S. Barkalow, Jr., chairman of the State College United Fund Campaign, said the college group exceeded its United Fund quota by more than \$5,000. The quota was \$11,000.

Praising his fellow workers for (Continued on page 10)

scholarship awarded by the Radio Corporation of America.

The scholarship, established at State College this year, is to be granted each year by the RCA Education Committee to a student doing major work in electrical engineering to encourage the most promising talent in the field of physical sciences and in the various branches of electrical engineering. The recipient is known as "the RCA Scholar at the North Carolina State College."

Pearson was honored recently at a dinner at the Raleigh Country Club by E. R. Poole of Poole Music Company, where Pearson has been employed on an average of 35 hours a week working with, among other things, RCA products. Approximately 20 employees of the firm, the head of the State College Electrical Engineering Department, and faculty friends paid tribute to Pearson and his wife at the dinner.

The RCA Scholar, in addition to supporting a family with three children, has kept up a scholastic

average that places him in the upper 10 per cent of his class and has been active in extra-curricular activities. He has served as secretary and is now chairman of the State College Student branch of the American Institute of Electrical Engineering, has served two years on the Engineers Council, is a member of the Departmental Honor Committee and Eta Kappa Nu. He has also seen active duty in the U. S. Coast Guard.

He is the son of Mr. and Mrs. Harvey Pearson of Wilson.

Faculty members recommending Pearson for the scholarship praised him "for his conscientious devotion to his studies and any activity he undertakes."

Dean Lampe said:

"Mr. Pearson is not only an excellent student who is interested in electronics as his life work, but he is a young man who exhibits effective leadership on the campus

and who has made great strides through a pleasant and helpful personality. In addition, Mr. Pearson has great family responsibilities and is certainly one who will benefit greatly by the awarding of this scholarship."

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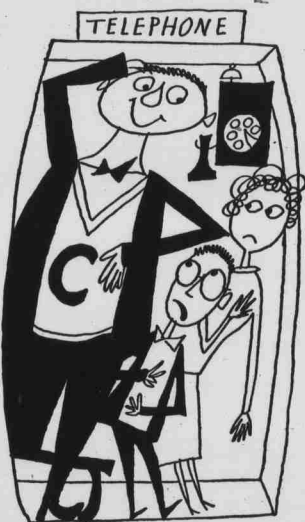
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Three's a Crowd!



A very disheveled junior was brought before the dean for fighting.

"Why were you fighting?" asked the dean.

"Well, I was in a telephone booth talking to

my girl friend," he explained. "I had just finished telling her about my handsome new Van Heusen Worsted Jersey Sport Shirts. I told her how warm, comfortable and light they are. I told her that thanks to the revolutionary new process, called 'Hellerized,' they are completely washable."

"Yes," said the Dean.

"Then I told her that the knit fabric felt like fine cashmere," continued the youngster. "I told her about all the handsome new colors I picked out, and that they cost only \$0.00 apiece. And I was just about to tell her that I loved her, when a senior suddenly wanted to use the telephone. He opened the door, grabbed me by the neck, and threw me out of the booth!"

"Then you got angry?" asked the dean.

"Yes, but I really got mad when he grabbed my gal and threw her out too!"



How silent is the night?

Watching the serenity of Christmas skies we are conscious of deep silence. Yet the stars are talking to us all the while—talking in radio waves that are full of meaning to scientists probing the depths of space.

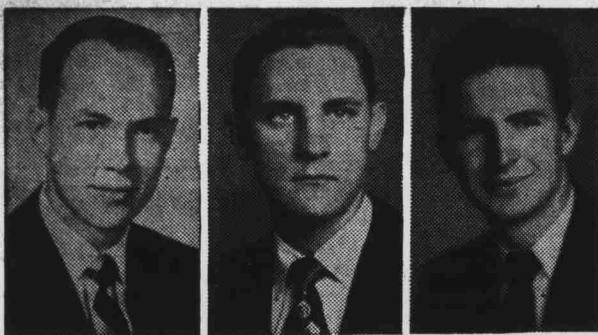
The important discovery that some stars produce radio waves was made by a Bell Laboratories scientist while exploring atmospheric disturbances which might interfere with transoceanic telephone service. His discovery marked the birth of the fast-growing science of radio astronomy. It is telling us of mysterious lightless stars that broadcast radio waves, and it promises exciting revelations about vast regions of space concealed by clouds of cosmic dust.

And so from the probings and skills of Bell System scientists and engineers has come another tool to help man understand better the universe in which he lives. These men are a proud team—members of a still larger team engaged in research, engineering and administration and working on telephone problems in all parts of the country. We would like you to consider joining them.

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BELL TELEPHONE SYSTEM





Pictured here are the fall term officers of the North Carolina State College Chapter of the Future Farmers of America. The chapter sponsors a wide range of extra-curricular activities for students in the college's School of Education and School of Agriculture. Top row, left to right: Edward Hill of Lexington, president; Rex Price of Forest City, vice president; and Edwin Terrell of Clyde, secretary. Bottom row, left to right: Robert Strother of Franklinton, student adviser; James Walker of Reidsville, treasurer; Reece Allen of Oaksboro, reporter; and Leroy Page of Morrisville, sentinel.

Ag Club Nominates Winter Club Officers

On Tuesday night December 1, candidates were nominated for Ag Club offices for the winter term. Candidates were also nominated for Livestock Day which will be held in the Spring term. Final elections will be next Tuesday night, December 8 at 6:30 p.m.

Candidates for Ag Club offices are: President—Francis Pressly, Charles Overman; Vice Pres.—James Hunter, Bob Carr; Secretary—Larry Hester, Eugene Gray; Reporter—Kenneth Barker, Jim Hilton; Ag Picnic Chairman—Gene Linney, Herman Porter.

Candidates for Livestock Day officers are: Chairman—Richard Harris.

Vice Chairmen—Archie Faires, Austin Dixon, Bill Merica; Publicity Chairman—Bill Sparrow, Ed Yancy; Sec.-Treas.—Clark Walker, Tom McDaniel.

All club members are urged to come out Tuesday night at 6:30 and support these candidates.

Dairy Foundation Holds Annual Meet

The annual meeting of the Board of Directors of the North Carolina Dairy Foundation, Inc., will be held in Polk Hall at North Carolina State College tomorrow at 3:30 p.m.

George S. Coble of Lexington, president of the Foundation, will preside. Following the meeting, the directors will attend a dinner in the college dining hall and the N. C. State-Davidson basketball game in the William Neal Reynolds Coliseum Saturday night.

The Dairy Foundation supports a wide range of dairy teaching, research, and extension projects in the Animal Industry Department at State College. It supplements the State salary scale in attracting and retaining top-level scientists and teachers for duties in the dairy education and research programs of the college.

Principal feature of the meeting will be a report on the work of the department by Dr. J. W. Pou, department head, and members of his staff.

Officers of the Foundation, in addition to President Coble, are Mose Kiser of Greensboro, vice president; L. L. Ray of State College, secretary; and J. G. Vann, also of State College, treasurer.

Ag Ec Club Discuss CG Honor System

At its last meeting of the current quarter, the Ag. Economics Club devoted most of its time to a general discussion of the honor system.

The discussion was led by Dr. Pierce, Faculty Advisor to the Club and representative from the School of Agriculture to the Council of the Campus Government. He outlined the basic organization of the Honor System under the present Constitution and By Laws, including the responsibilities of both students and faculty members.

In the general discussion, expressions of the group indicated that there was a general lack of understanding on the part of both students and faculty as to the real meaning of the Honor System; a general lack of interest; and failure in many instances to carry out the provisions of the Honor System.

(Continued on page 9)

Chairman Elected By Faculty

Dr. Walter J. Peterson, head of the Chemistry Department at North Carolina State College, has been elected chairman of the general faculty of the college.

This was announced recently by Dr. Kenneth O. Beaty, Jr., secretary of the faculty, who said 471 votes were cast in the election.

Dr. Peterson succeeds Dr. Carey H. Bostian, who relinquished the chairmanship of the general faculty when he became chancellor of State College on September 1.

A native of Michigan, Dr. Peterson has been a member of the State College faculty since May, 1942, when he became professor and head of the nutrition section of the Animal Industry Department. He was promoted to head of the Chemistry Department January 1, 1949. He was educated at Michigan State College and the University of Iowa.

Four other faculty members were elected to top-ranking academic posts in the election. Dr. Fred S. Barkalow, Jr., head of the zoology faculty, and Dr. Key L. Barkley, professor of psychology, were elected members-at-large of the Advisory Committee. Dr. Barkalow was named to a three-year term.

Dr. Barkley, who was elected to a one-year term, replaces Dr. James H. Jensen, who recently resigned his position at N. C. State. (Continued on page 9)

English Head Hartley Elected President Of Tri State Group

Dr. Lodwick Hartley, head of the English Department at North Carolina State College, was elected president of the North Carolina, Virginia, and West Virginia division of the College English Association at the annual meeting at Sweet Briar College on November 14.

Dr. Hartley succeeds Dr. Mary Vincent Long of Rollins College. Other officers elected were Dr. Carl Y. Conner of Sweet Briar College, vice president, and Prof. Mary Nichols of Longwood College, secretary-treasurer.

The central theme of the Sweet Briar conference was the training of teachers of English for high schools and colleges. The principal speakers on the program were Prof. Lewis P. Ball of the University of Richmond, Dean Charles Ward of Duke University, Prof. Richard G. Walser of North Carolina State College, and Prof. Mark Van Doren of Columbia University.

Announcement was made that the next annual meeting of the Association would be held in Raleigh on the State College campus in the fall of next year.

NCS Sight of Animal Nutrition Conference

Latest developments in the field of livestock feeds will be outlined at the annual Animal Nutrition Conference to be held at North Carolina State College Thursday and Friday, December 10 and 11.

The two-day meeting, which is expected to attract delegates from several states, will be sponsored jointly by the State Department of Agriculture, the School of Agriculture at North Carolina State College, and the North Carolina Feed Manufacturers Association.

John L. Reitzel, assistant to the State commissioner of agriculture, will be chairman of the morning session on Thursday, December 10, while Dr. J. W. Pou, head of the State College Animal Industry Department, will serve as chairman of the afternoon meeting on December 11. Chairman of the December 11 session will be Clyde L. Fore, Siler City Mills, Inc., Siler City.

Dr. Carey H. Bostian, chancellor of State College, will welcome the delegates to the college campus in an address at the opening session of the conference. The response will be made by W. Frank Redding, Jr., of Asheboro, president of the North Carolina Feed Manufacturers Association and an official of the Southern Crown Milling Company of Asheboro.

(Continued on page 9)

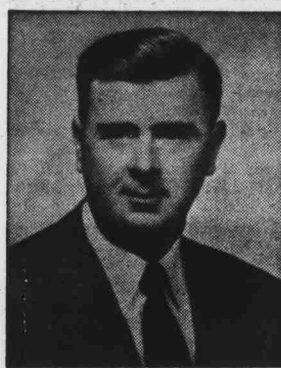
Mining Engineer Will Hold Dinner Meeting Saturday

The Eastern North Carolina Sub-Section of the American Institute of Mining and Metallurgical Engineers will hold a dinner meeting in the dining hall at North Carolina State College tomorrow at 6:30 p.m.

Plans for the meeting were announced here Monday by Prof. E. L. Miller of the State College Department of Geological Engineering, program chairman and a director of the organization.

Dr. Raymond L. Murray, professor of physics at State College, will be the main speaker. He will describe the nuclear reactor at the college and tell of the reactor's possible uses in the minerals industry.

Students from the geology or geological engineering departments (Continued on page 9)



Dr. Ralph E. Lapp

Famous Atom Expert Lapp To Speak At Pullen December 4

Dr. Ralph Lapp, a scientist who has been deeply involved with the atom during the war and postwar years, will speak in Pullen Hall on Friday, December 4, at 8:00 P.M.

Dr. Lapp is Director of the Nuclear Science Service, an organization he set up in Washington, D. C. in 1949 to serve as a consultant to industry on uses of atomic energy. In his spare time, he lectures or writes.

One of his recent cover-feature articles, "The Inside Story of Our First Hydrogen Bomb," was published in the Saturday Evening Post. Written in collaboration with Stewart Alsop, well known columnist, the story appeared but a few short weeks before the first hydrogen bomb was reported to have been exploded at Eniwetok. Among Dr. Lapp's books are: *Must We Hide?* which was the first popular study of atomic defense; *Nuclear Radiation Physics*, a standard textbook, and his latest, *The New Force*, which was published early this year.

In his middle thirties, Dr. Lapp was born in Buffalo, New York and is a Phi Beta Kappa graduate of the University of Chicago, where he also earned his doctorate in cosmic ray physics under Dr. Arthur H. Compton. He began his professional scientific work with the late Dr. A. J. Demster, discoverer of U-235. Later he was associated with Dr. Vannevar Bush and Dr. J. Robert Oppenheimer.

He served as Division Director of the famous wartime Manhattan Project and during the postwar years was Assistant Director of the Argonne National Laboratory until appointed Scientific Advisor to the War Department General Staff. In 1947 he was made the Executive (Continued on page 9)

ROTC Holds Platoon Drill Competition

The results of the ROTC Platoon competition held November 20th have been announced by Cadet Colonel Francis L. Pless and are as follows:

1st Battalion				
Standing	Platoon	Com.	Points	Awarded
1	3rd	B		12
2	2nd	A		11
3	3rd	A		10
4	2nd	B		9
5	2nd	D		8
6	1st	A		7
7	3rd	D		6
8	1st	C		5
9	1st	D		4
10	3rd	C		3
11	1st	B		2
12	2nd	C		1

2nd Battalion				
Standing	Platoon	Com.	Points	Awarded
1	1st	G		12
2	1st	F		11
3	3rd	G		10
4	3rd	E		9
5	3rd	H		8
6	2nd	F		7
7	2nd	H		6
8	2nd	E		5
9	1st	E		4
10	3rd	F		3
11	2nd	G		2
12	1st	H		1

3rd Battalion				
Standing	Platoon	Com.	Points	Awarded
1	1st	M		12
2	3rd	I		11
3	3rd	K		10
4	2nd	I		9
5	2nd	M		8
6	3rd	L		7
7	2nd	L		5½
8	1st	I		5½
9	1st	K		4
10	1st	L		3
11	3rd	M		1½
12	2nd	K		1½
		tie		
		tie		

1st Lieutenant James R. Heyward commands the winning 3rd platoon of Company B, 1st Battalion.

G Company's 1st platoon of the 2nd Battalion is commanded by Cadet 1st Lieutenant Lyndon Sikes.

The 3rd Battalion winner, 1st platoon of M Company is commanded by Cadet 1st Lieutenant Raymond F. Stainback, Jr.



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DEC. 11 ISSUE ON NEWSSTANDS NOW

Mrs. Wicker Attends SCPOA Meet in Miss.

Mrs. Marie P. Wicker, co-ordinator of student affairs of the School of Engineering at State College, represented the Engineering School at the seventh annual meeting of the Southern College Placement Officers Association which met at the Buena Vista Hotel in Biloxi, Miss. this week.

The Association is composed of college official, industrial and government representatives concerned with personnel and college placement programs. The members meet annually to discuss new ideas, procedures and problems common to college placement work.

LAPP—

(Continued from page 8)

Director of Dr. Bush's Research and Development Board. A year later, he switched over to the Navy Department to head the Nuclear Physics Branch of the Office of Naval Research.

Further, being a veteran of two cosmic ray expeditions in the Rockies, he led the scientific group at both A-Bomb tests at Bikini in 1946.

A member of the American Institute of Physics and the American Association for the Advancement of Science, Dr. Lapp paints a glowing picture of the peaceful aspects of atomic energy in examining the progress made in recent years in medical research and industrial uses for "the new force."

Dr. Lapp's subject for the evening will be "Science Remaking the World." There will be a coffee hour after the lecture, which is sponsored by the College Union Forum Committee. Registration cards or College Union Membership cards will be required for admission.

MINING—

(Continued from page 8)

of Duke University, the University of North Carolina, and North Carolina State College will attend the session, Professor Miller said.

Officers of the sub-section, in addition to Professor Miller, and John B. Hamme of Henderson, chairman; Sam Broadhurst of Raleigh, vice chairman; A. M. Szykewski of Henderson, secretary-treasurer; and Prof. E. Willard Berry of Duke University, director.

LIVESTOCK CONF.—

(Continued from page 8)

"Looking into the Future" will be the subject of a talk by Dr. D. W. Colvard, dean of the School of Agriculture, State College, who will speak Thursday, December 10.

Dr. J. S. Hughes, in charge of animal nutrition, Kansas State College, will speak December 10 on the topic, "Use of Hormones in Livestock Production."

Another Thursday speaker will be Dr. S. B. Tove, Animal Industry Department, North Carolina State College, who will discuss "The Role of Fat in Animal Feeds."

Speaking on the afternoon program on December 10 will be Dr. D. V. Catron, in charge of swine nutrition, Iowa State College; and Dr. W. W. Carvens, director, Feed Research and Nutrition, McMillen Feed Mills, Decatur, Ind.

Dr. Catron will talk on the subject, "What It Takes to Make a Good Pig Starter." The topic of Dr. Carvens' address will be "Laying Mashies."

Speakers for Friday, December 11, will be Dr. W. R. Murley, Animal Industry Department, North Carolina State College, whose talk will be entitled, "Progress in the Feeding of Dairy Calves"; Dr. S. E. Smith, professor of animal husbandry, Cornell University, who will discuss "Some Phases of Mineral Metabolism in Ruminants"; and Dr. C. W. Barber, Department of Poultry Science, North

Carolina State College, who will conduct a question and answer period on poultry diseases.

PETERSON—

(Continued from page 8)

to become provost of Iowa State College.

Dr. Roy L. Lovvorn, director of instruction in the School of Agriculture, and Dr. C. G. Brennecke, head of the Electrical Engineering Department, were elected as members of the Faculty Council and the Administrative Council. Dr. Lovvorn's term of office is to run for four years while Dr. Brennecke was named to a two-year term. Dr. Brennecke replaces Dr. Bostian in this capacity.

AG EC CLUB—

(Continued from page 8)

Members of the Club were unanimous in their feeling that, to be effective, the Honor System must be workable and must have the backing of the entire "College community." The fact that the present system does not appear to be effective at present indicates there must be weaknesses in the organization and in the administration of the system.

In the meeting, suggestions were

offered for presentation to the School Executive Honor Committee for further consideration. It was the opinion of "Gus" Varkaris, Chairman of the Department Honor Committee, that "we must first want an honor system, (2) we must want it to be effective and (3) we must all make a special effort to see that it works."

It's In The Book

I don't own a car so I bum rides to work from passing motorists. A highway patrolman told me this was against the law. Is it? W. L., Charlotte

One sentence in the Motor Vehicle Manual supplies the answer to your question. "No person shall stand in the travel portion of the highway for the purpose of soliciting a ride from the driver of any private vehicle."

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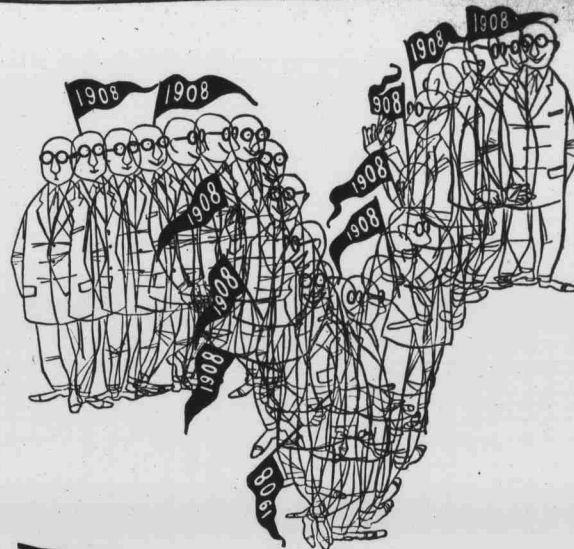
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SEASON RECORD—

(Continued from page 6)

91	South Carolina	51*
101	William and Mary	71*
94	Villanova	72
82	Duke University	84* loss
108	Washington and Lee	63*
87	North Carolina	66*
73	Fordham	70 overtime
100	Cincinnati	64

2,422 1,927

SOUTHERN CONFERENCE TOURNEY

86	North Carolina	54
85	West Virginia	80
70	Wake Forest	71

2,663 2,132

* Southern Conf. ga.
** Dixie Classic

Bobby Speight	F	32	575	218	145	105	356	541	16.9
*Mel Thompson	C	32	471	171	299	194	328	536	16.7
*Dave Gotkin	G	32	483	160	139	98	95	418	13.0
Bill Kukoy	F	32	334	127	94	65	170	319	9.9
*Dick Tyler	F	31	197	68	108	76	127	212	6.8
*Danny Knapp	C	29	166	59	76	45	100	159	5.4
Bobby Goss	C	17	52	24	46	25	46	73	4.2
P. Brandenburg	F	29	94	36	52	35	61	107	3.6
Bernie Yurin	G	29	63	24	60	38	81	86	2.9
*Herb Applebaum	G	29	71	20	70	51	103	75	2.5
*Ronnie Scheffel	G	24	55	15	37	21	44	51	2.1
Eddie Morris	G	24	47	11	52	28	69	50	2.0
Others	G	18	20	4	11	5	8	10	
State Totals		32	2,608	937	1,190	789	1,573	2,663	83.2
Opponent Totals		32	2,368	730	1,091	684	1,298	2,132	66.6

* Denotes lettermen returning.

LEADING FRESH CANDIDATES

COACH EVERETT N. CASE'S 1-YEAR RECORD AT N. C. STATE				
ALL GAMES	Played 232	Won 187	Lost 45	.803 pct.
S. CONF. GAMES	Played 120	Won 108	Lost 12	.900 pct.

Engineering Research
Given \$7000 By NSF

The National Science Foundation has awarded a \$7,000 grant to the Department of Engineering Research at North Carolina State College.

Announcement to the Foundation's grant was made recently by Prof. N. W. Conner, director of engineering research at State College, who said the fund will provide for a year's research study at the institution.

The research work, Professor Conner said, is aimed at new means for the disposal of sewerage and waste products from industries and municipalities.

State College's School of Engineering has long engaged in educational and research programs on municipal and industrial waste problems.

In the project supported by the National Science Foundation, industrial and municipal wastes will be exposed to the action of certain aerobic bacteria that will decompose them. The study will seek to determine what bacteria and en-

zymes break down these waste products and what the resulting chemical products will be.

Preliminary work has begun on the project which is technically labeled, "A Study of the Mechanism of Biochemical Oxidation of Solutions and Colloidal Suspensions of Organic Matter."

Dr. Nelson L. Nemerow, assistant professor in the sanitary division of civil engineering, is technical director of the project. John Lee Ray of Raleigh is the graduate student in the School of Engineering working with Nemerow.

Dr. Nemerow says of the new work, "For the last 20 to 25 years processes similar to this one have been carried out but not much is known as a basic understanding of this phase of organic matter."

The National Science Foundation

has been set up by the United States Government as an agency to supervise the study of basic research problems in the scientific field. Its purposes are to advance science by basic research and to advance the education of students in scientific study by giving him financial aid.

The Foundation's grant is the first of its kind to be made in the School of Engineering at State College.

UNITED DRIVE—

(Continued from page 7)

their response to the fund drive, Dr. Barkalow stated:

"The average contribution, which exceeded \$20 per person, is evidence of the strong public spirit of the State College staff."

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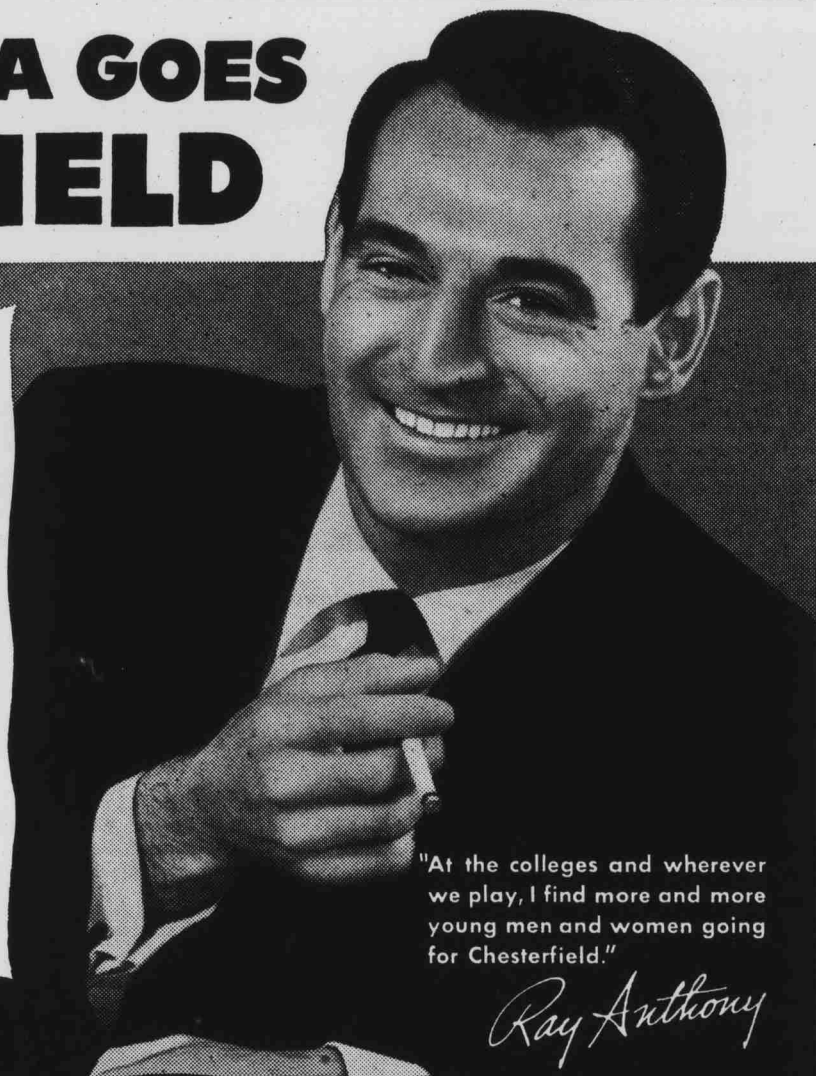
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