

## From Six To Three Hundred Marks Growth of Faculty



Dr. Frank Graham  
"... his office is open to students at all times and he keeps open house every Sunday night, when scores of them call."

### Fiftieth Anniversary Finds State Ranking With Foremost Institutions in Country

Symbolic of a progressive North Carolina, State College, a public-supported institution, has in fifty years grown from a school of one building, 72 students, six professors and two assistants, into an institution of more than 30 buildings, 5,000 students annually, and a faculty of more than 300.

State College stands today as one of the leading agricultural and engineering schools in the United States. It enjoys an unchallenged position of leadership in the South's educational program.

The first State College building—Holladay Hall—was completed in 1889, and in October of that year the college opened its doors to students. Since that day, thousands of North Carolina boys, from the farms and from the cities, have gone to State College to be trained and equipped to do capable work in their chosen professions.

A competent faculty is to be found here, improved upon and added to each year in keeping the institution abreast of time. The professors and instructors have come from universities and colleges throughout America, and they have brought with them the latest in science, engineering, textiles, and agriculture that State College men might leave here trained to step out into society and make an honored place for themselves.

The faculty has grown rapidly. There are now more than 300 deans, professors, instructors, and assistants on the faculty rolls. In addition, the Agricultural Experiment Station and the Extension Service employ more than 200 specialists and field workers.

Colonel J. W. Harrelson, graduate of the Class of 1909 and present dean of administration, is the first graduate to hold this high position of educational leadership. Thousands of well-trained men have left State College to enter industry in all parts of the world, and have carried with them the finest training and guidance possible.

Under the consolidation, several members of the faculty were exchanged with the University of North Carolina, in a transfer of the engineering and liberal arts departments. Today State College not only has a high rating in industry, but a competent and well-rounded faculty.

The substantial and steady growth of the college during the fifty years can be shown best in the growth of its faculty.



Col. J. W. Harrelson  
"... a study of the record, however, reveals how intimately his life is linked with North Carolina's progress."

### Graham Placed In National Limelight As An Outstanding College President

#### Faced With Consolidation Program As First Task; Governs Three Institutions.

Dr. Frank P. Graham had just entered upon his duties as president of the University at Chapel Hill when the General Assembly of 1931 enacted legislation providing for the consolidation of State College at Raleigh, the Woman's College at Greensboro and the University at Chapel Hill into the Greater University of North Carolina.

Since then it has been his task—one of the most difficult jobs ever faced by any college president—to translate into actuality the terms of this consolidation. That he has been able to make so much progress in this program with so little friction has been the marvel of educators everywhere.

It was not long after Dr. Graham assumed the duties of the University presidency before his capacity for achievement and wide acquaintance thrust him into the national limelight.

#### NRA Committee

President Franklin D. Roosevelt early recognized his leadership and appointed him successively as vice chairman of the Consumers' Advisory Committee of the NRA; chairman of the National Advisory Committee on Social Security, and as a member of the President's Committee on Federal Education. In this latter capacity he has spoken in many states in support of a program for federal aid to education. He was recently elected president of the Southern Conference on Human Welfare, and is a member of the Southern Economic Council, having presided over the Washington session which made the now famous report on the South.

Dr. Graham comes from a family that has made notable contributions to the field of education in North Carolina. His father, Alexander Graham, '69, was a pioneer public school man, often being referred to as the "Nestor" of education in this State.

Edward Kidder Graham, president of the University from 1914 to 1918, and beloved of alumni, was a first cousin of "Graham, the Second," as Dr. John Finley of the *New York Times* referred to Frank Graham in a commencement address at Chapel Hill.

#### Achievement

But President Frank P. Graham has achieved distinction in his own right in the field of education. His contributions, less conventional than the usual scholarship dug from arduous researches, have been in the field of human understanding and interpretation. In the inspiration of youth in the classroom and on the campus. Himself a scholar of proven merit, he has scored highest in interpreting trends and tendencies of human history.

Once on an examination for his survey course in European history, Dr. Graham asked but a single question: "trace the evolution of Constantinople to the fall of the Bastille." That question, comprehensive and searching, indicates the sort of teaching that he has done.

The magnetic personality of Frank Graham forms the basis for the widest individual circle of acquaintance among University alums—Continued on page 4.

### Brown Chosen To Take Post As Librarian

#### Kellam Resigns After Five Years Service; Accepts Position With University of West Virginia.

The selection of H. C. Brown as acting librarian of the D. H. Hill Library was announced recently by Col. J. W. Harrelson, dean of administration. The appointment of Brown, who was formerly in charge of the library circulation, was made necessary by the resignation of W. P. Kellam, who had held the post of librarian for the past five years.

Kellam resigned, effective August 31, to become librarian for the University of West Virginia. Colonel Harrelson praised highly the work of Kellam, under whose direction the library has made steady and substantial growth.

"Mr. Kellam is recognized as one of the nation's outstanding librarians," said the administrative dean. "He was being considered for another big university post when he accepted the West Virginia offer."

**Fast Growth**  
When Kellam joined the State College library in July, 1934, the library had three staff members, only two of whom were trained. The present staff consists of seven specialists with degrees in library science. During his administration the number of books in the library has increased from 33,500 to 55,500, and annual circulation has jumped from 40,400 to 97,900.

Before coming to State College, Kellam served three years as head of the circulation department of the University of North Carolina at Chapel Hill. Previously, he worked in the circulation department of the Duke University library.

Before assuming work as a librarian, Kellam taught school in Durham County. He graduated from Duke in 1926, and won his Master's degree there in 1929. In the interim he received his degree in library science from Emory University.

Coming to State College, Kellam replaced Hugh T. Laffer, history professor, who was serving as acting librarian.

#### A Surprise

Colonel Alexander Q. Holladay, first president of State College, did not apply for the presidency of the College when it opened in 1889. He was an applicant for the professorship of English, but was elected unanimously after Governor Thomas J. Jarvis, first elected president, declined to accept the position.



E. C. BROOKS

### College Advanced Rapidly During Brooks' Regime

#### Five New Departments Are Added; Dozen New Buildings Erected During His Years of Service

As president emeritus of State College, Dr. Eugene Clyde Brooks can look back on 11 years of work during which time he led this institution through a period of great advancement.

Dr. Brooks, whose resignation as president was announced in 1934, became president of State College in June, 1923.

When Dr. Brooks gave up his position as State Superintendent of—Continued on page 4.

### New Professors Added To Faculty

Several additions to the faculty of State College for the current school year were announced at the opening of school by J. W. Harrelson, dean of administration.

The new faculty members assumed their duties at the opening of school in September.

Dr. Maurice Strickland of New York University will succeed Dr. E. B. McNatt as assistant professor of economics. Dr. McNatt has joined the faculty of the University of Illinois.

William Allen Bain, who is leaving commercial work, has been appointed assistant professor of chemical engineering.

Joe T. Massey, State College graduate who taught last year at Clemson, returned to State as instructor in engineering mechanics. Massey graduated with the class of 1938.

Dr. Wurtz Krieger, for several years on the faculty at the Montana School of Mines, has joined the faculty of the department of ceramic engineering.

### Many Brilliant Activities Fill Career Of Administrative Dean Harrelson



CLYDE R. HOEY

### Dr. Harrison Retires After Years of Duty

#### Popular English Department Head Held Post for 30 Years; Was First Dean of College

Retirement of Dr. Thomas Perin Harrison as professor in the Department of English, a post he has held for 30 years, was announced at the close of school this spring by Col. J. W. Harrelson, dean of administration.

Dr. Harrison, who was the first dean of State College, will remain at the college as dean emeritus and editor of official college publications. For many years he has been chairman of the public occasions committee, one duty of which is to arrange the commencement program.

A native of Abbeville, S. C., Dr. Harrison was educated at The Citadel and Johns Hopkins University. He came to State College in January, 1909, as the first dean of the College, a post he retained until the College reorganized in 1924 with the curricula divided into schools, each headed by a dean. Previously, the College had been divided into departments.

During the World War, Dr. Harrison served overseas a year with the Young Men's Christian Association.

One of the veterans of the State College faculty, he is respectfully known to thousands of former students as "Dr. Tommy." He earned the Bachelor of Science degree from the Citadel, which later awarded to him the honorary degree of Doctor of Laws, and he earned the degree of Doctor of Philosophy from Johns Hopkins.

#### "MR. FRANK"

Featuring "Ten Typical and Atypical College Presidents," a recent issue of "Time" magazine lists: California's Sprout, Minnesota's Ford, Wisconsin's Dykstra, "North Carolina's Graham," Fordham's Gannon, Harvard's Conant, Chicago's Hutchins, Smith's Nettleton, Wellesley's McAfee, and Swarthmore's Aydelotte.

The reference to Dr. Graham is as follows: "Frank Porter Graham, 52, is called 'Mr. Frank' by his students at the University of North Carolina. Generally rated the ablest U. S. State University president, he has helped make North Carolina tops in the South. He fought in the trenches during the World War, still fights with the legislature and utility interests that attempt to silence his liberal professors."

### Rapid Progress Made By College Under the Five-Year-Old Consolidation Program.

Heading the list of administrative officers at State College is Colonel John William Harrelson, dean of administration and native of Cleveland County, who has quietly but steadily become one of the outstanding men in North Carolina.

Not until one scans the active career of Colonel Harrelson does there come full realization of his versatility, so successful has he been in moving across the public scene without fanfare. A study of the record, however, reveals how far-reaching his life is linked with North Carolina's progress.

Born into a farm family, young Harrelson attended a rural grammar school in Cleveland County and the Piedmont High School at Lawndale. He entered State College in 1905 and was graduated with the Bachelor of Engineering degree four years later as valedictorian of his class.

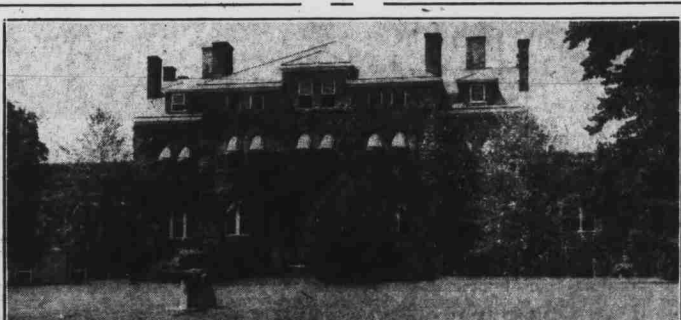
After graduating in 1909, Harrelson remained at State College as an instructor in the mathematics department. As the states passed by he became assistant professor, associate professor, professor, and in 1933, head of the Department of Mathematics. Meanwhile, he had served as director of the North Carolina Department of Conservation and Development from 1929 to 1933, and in this capacity awakened the State to the far-reaching possibilities of its resources. He was appointed dean of administration of State College on July 2, 1934, under the Greater University consolidation program.

Col. Harrelson immediately inaugurated an era of progressive-ness that has placed State College well in the front ranks of the nation's technological institutions. Enrollment in the past five years has increased by approximately 700 students, to bring the present registration figures to around 2,300 youths, from most of the states and a half-dozen foreign countries. He has liberalized student-faculty relations, and has continually hammered home the idea that North Carolina and the South need not merely educated men, but educated gentlemen. And he has persistently pushed the expansion program while transmitting his zeal for a greater State College to his associates in the administration and to the student body.

The military title came to Colonel Harrelson through promotions in the United States Army. He passed a competitive examination for a commission in the Coast Artillery Corps in 1909. Promotions came steadily. He was commissioned as lieutenant colonel in the Coast Artillery Reserve in 1919, and became a colonel on January 29, 1923. Since 1934 he has served as North Carolina's civilian aide to the Secretary of War, a post of responsibility in handling enrollment for the Citizens Military Training Corps.

In addition to his other activities, Colonel Harrelson served as State College's graduate manager of athletics from 1911-1917, and 1921-1923, and was president of—Continued on page 4.

### HEART OF STATE FOR 50 YEARS



Picturesque Holladay Hall, shown above, is often termed the most beautiful structure on the State College campus. Construction work on this building was begun on August 22, 1889. It was first used to house the entire college, including the student body. Remodeled in recent years, it now houses all of the college's administrative offices.



# Dean Cloyd Rounds Out 22 Years' Service At State

## Popular Dean of Students Has Taken a Leading Part in Student Activities During His Time in Office

Now actively engaged in his twenty-second year of service to State College, Edward Lemar Cloyd, dean of students, has heard thousands of student problems, offered advice to students daily, and taken an active part in numerous student activities.

Dean Cloyd was born in Lenoir on December 10, 1891, where he attended the Lenoir High School from which he graduated in 1910. During his stay there his principle interest was in high school debating.

He entered the North Carolina A. and M. College, now North Carolina State, in September of 1910, and quickly became interested in the college's extra-curricular activities. He represented the college on the first intercollegiate debate against Auburn, Ala., and won the inter-society orator's medal. He was also a member of the band and the college orchestra. Cloyd graduated with a Bachelor's degree in mechanical engineering.

Dean Cloyd taught mathematics in the Lenoir High School from 1915 until 1919, and coached the high school debating team and basketball teams. During the summer and fall of 1917 he worked in the Ford sales and service department.

On January 4, 1918, Dean Cloyd returned to State College to teach mechanical drawing and descriptive geometry, and tutored students in these courses until 1923. He was appointed dean of students in 1921 on a part-time basis, teaching part of the day and fulfilling his administrative duties during the remainder of the time. He was made full-time dean of students in 1929.

In 1927 Cloyd was granted a Master of Science degree in industrial management, and studied at Teachers College of Columbia University in the summer of 1929.

Dean Cloyd considers the establishment of the Student Government in 1921 to be one of the most significant changes in student life which has occurred during the time he has been connected with the college. The college had an enrollment of a little over 500 in 1918, when Dean Cloyd joined the faculty, as compared with the present enrollment of approximately 2,300 students.



DEAN E. L. CLOYD

Another important development which has occurred since Dean Cloyd arrived in 1921 is the establishment of honor societies, the first of which was Pine Burr. In 1918 there were no honor societies on the campus. He also played an important part in the reorganization of the Interfraternity Council in 1921.

His interest in fraternity welfare resulted in an appointment to serve on the educational committee of the National Interfraternity Council.

He is president of the North Carolina College Conference, and belongs to numerous honor societies and fraternities. He is an elder in the West Raleigh Presbyterian Church and a member of the North Carolina Vocational Guidance Association.

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### State College Speaks

By "BUDDY MEANS"

Alumni, faculty, students—it was fifty years ago that I made my humble appearance into this bustling and bustling old world—the proudest child of North Carolina's many children. Through the years I feel that together we have made remarkable progress. Looking back to the time I was a mere swaddling babe, how well I remember how few of you there were and how you nourished me until I could stand on my own feet. How quickly I seemed to pass through the uncertainty of toddling infancy and the instability of adolescence to reach maturity with such a host of happy memories to strengthen me as I grow older and ripen into the fullness of my years.

Today I can confidently tell the world that my goal has been reached. It has always been my ambition to mold successful men of highest character and lofty ideals in order to repay the "Old North State" for my existence. I have never lost sight of that ambition, and feel that I can say truthfully that I have succeeded. So, it is with the greatest pride that I greet you on my 50th anniversary.

You, the alumni, of whom I so fondly speak, are my reputation; you, the faculty, my most faithful workers, are my backbone; and you, the students, are my very heart and soul. Though my years are relatively few, I have seen thousands of you come, and with tears in my eyes, have seen you go. But your leaving also filled my heart with pride and happiness for I knew that with your departure the world had gained another successful man.

Although we have accomplished great things in the past we must always look to the future for still greater achievements.

### Our Student Body President Says . . .

Lists off, the flag is passing by! Yes, the flag of progress moves by and we, who are reaping from the untiring efforts of our predecessors salute you. It is you, and you, and you, who have made State College what it is today that we congratulate.

It is impossible for us to realize the efforts that we have been concentrated on the building of the State College we know today. None of us can appreciate the work you have done in giving us our institution the way you who have borne it can. But we do grasp the significance to a lesser degree, and in our humble manner we would like to show our appreciation.

I like to think of an anniversary celebration as taking an inventory of a store. We stop in our celebration long enough to see what we have done, how far we have come, and at the same time try to realize our mistakes and shortcomings. As a man takes an inventory he restocks his store in things which he needs.

To me, it seems wise and logical that we students of State College do just that as we look around us and see possible improvements. Why not make the changes? I am sure those who have gone before would appreciate it, as well as those who are to follow. It is a challenge to us to carry on the ideals and good work of our predecessors.

I am sure it is from the depth of every State College student's heart that we greet you, faculty and alumni, during this celebration of our fiftieth anniversary.

As you bring forth the flag of progress, we proudly and gladly salute you.

ERNEST DURHAM, President Student Body.

### HEADS STUDENTS

Heading the State College student body is President E. E. Durham, above, who hails from Kernersville. As president of the student body, Durham also heads the Student Council, and is perfecting plans for installation of a dormitory system of government.

### OUTSTANDING

Vice president of the student body, Henry D. Means, above, has numerous other campus honors to add to his list. The Concord lad was recently appointed as Cadet Lieutenant-Colonel of the ROTC regiment, and is president of Golden Chain, senior honorary organization.

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### Durham Explains Plans of Council

Many Activities Fill Program of Student Government for Ensuing Year

By ERNEST DURHAM, President, Student Body

What does the term Democracy mean to you? Do you think there is no hope for democracy, or do you belong to that school of thought, though it be few in number, that believe there is still a place in the American way of living for democracy?

I feel quite confident that there are many in our student body, in our faculty, and in our alumni who believe there is still a chance to perpetuate the institution of democracy. This is not a far-fetched conception altogether. We can realize that we are willing to pay the price. The price is much thought and lots of cooperative action.

The machinery to accomplish this will have to be a campus government instead of a so-called Student Government. Almost every student body is functioning under some type of student government, and yet it is almost impossible to find a college which has a meaningful government. Their governments are just policing systems which are disorganized. The only hope to correct this condition is to include the entire college community in one government with some organized purpose.

Many Ideas The ideas of a campus government has grown out of the accumulation of many people's ideas. This is the type of government in which all phases of college life would be included. Instead of handling cheating and stealing alone, there would be many other things to consider. This governing group would be made up of about twenty students and about twenty faculty members. All affairs pertaining to the college would be handled by this group. Only the president of the college would have veto power over the group. There would be subcommittees from the main group working as fact-finding bodies, and then the total group would act. I would think we should have a faculty member from the main departments of our college, a student from almost every phase of campus life, and include a janitor and maybe a carpenter. Then when this group made policies they would come from the total group. The total group would understand "why" and not be in the dark from the administrative standpoint.

Enlargement We will not have to disrupt any of our organizations of government which we now have. We have just what we want in the Student Welfare Committee, but all of those on this committee see the need of enlargement and more freedom of action. We will be able to reconstruct this committee to give us a democratic machine for a college government. Once we have attained this we will be wanting other things, such as dormitory organization and government, of real sense of persons honor on our campus, and a genuine sense of cooperation. To accomplish any part or all of this, it will take your cooperation. If you think the democratic way

is best, then let's strive for these things, which are sure to create and perpetuate our democracy on our campus.

### Student Council Has Been Active In Campus Affairs

Student Government Was Formed Here in 1921; Many Revisions Made in Policy

It is the purpose of the Student Government to handle all matters of student conduct, honor, and general student interest; and to promote in campus life self-control, personal responsibility, and loyalty to the student body and to the college. Every duly registered student of North Carolina State College automatically becomes a member of the Student Government and is subjected to the jurisdiction of its legislative branches.

The articles of the Student Government had their origin at State College on October 4, 1921. Since that time revision has taken place, but the principle of student participation remains the same. As it was founded, the governing body of Student Government consisted of the House and the Council. The House being the legislative branch and the Council being the executive and judicial division. The organization was modified several years ago, when the House was eliminated and its duties turned over to the Council. It has been proven since that the smaller group is able to work more efficiently than the two larger groups.

In the past, the basic principle of the Student Government has been the Honor System. For years ago, as an experiment, the Student Council temporarily inaugurated the Proctor System, by which all examinations and daily tests were conducted by the student proctors with the aid of the faculty. The proctor system has been made a permanent measure because it was found to be very successful.

During the past year, however, efforts were made to revive the Honor System, and indications are that these efforts will continue at present.

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### What a Job!

In the year of 1935, some extremely intelligent State College proctor was with a keen sense of humor and wonderful foresight brought misery into the Treasurer's Office of the College.

Having received a bill from said office for \$16.00 for board for one month, the student proudly walked into the office and displayed the bill, dropping heavily on the counter a sack containing 1,500 pennies.

Weighing almost 14 pounds, the pennies consumed much time in being counted. Evidently the student was satisfied for he took the receipt and walked happily out of the office.

From 1889 until 1932 military discipline by a ROTC cadet was punishable by having the cadet walk a certain distance, which was popularly known as a "bull tour". The "tour" was abolished by Col. Bruce Magruder.

### Welfare Group Reviews Work Of First Year

## Rapid Progress Made By Newly Formed Committee; New Members Are Named to Group

By PROF. F. M. HAIG, Chm., Student Welfare Committee

Nearly 20 months ago, 300 State College students gathered in Pullen Hall at the invitation of the Student Government, and drew up plans whereby a "Student Welfare Committee" would be created.

Accordingly, last September eight faculty members, who are to serve on this committee in collaboration with eight students, were elected at the first meeting of the general faculty. Faculty members elected were Prof. Fred M. Haig, chairman; Prof. C. E. Shulenberger, secretary; Dr. A. G. Campbell, Dr. R. R. Serron, Dr. L. C. Hartley, Dr. L. F. Williams, Dr. J. L. Stuckey and E. S. King.

Following this student members were selected by the president of the Student Government. These were: William McBalley, president of the Student Government; Walter Fanning, vice president of Student Government; Steve Sailer, editor of THE TECHNICIAN; A. E. Ballanger, president of Interfraternity Council; A. M. Smith, president of Y.M.C.A. and Golden Chain; Jim Worell, business manager of Agromack; Jim Murray, captain of tennis team; Leslie Brooks, president of Eta Kappa Nu.

Meetings This committee met once each month during the college year, with numerous special meetings called by the chairman. The formation of this welfare group is a broad step to liberalize student-faculty relations at State College, and will eliminate misunderstandings as have arisen in the past. Under the new set-up any matter

### GREETINGS

I have been asked to write a few words of greeting for the Fiftieth Anniversary, and, since I no longer have any official position, my greeting will be purely personal and directed mainly to those who left the college more than twenty years ago.

If you have not been back in the last twenty years, you will be lost in a mass of buildings.

The only two things you'll recognize are the porte-cochere of the Main Building (now called Holladay Hall) and myself—a little disfigured, but still in the ring.

The athletic field is at the same place, but when you see it, you will hardly believe that even the location is the same.

The Memorial Tower, which remained a stub so long, is at last completed, and believe me, it is a beauty.

I might go on indefinitely telling about the improvements that have been made, but a look at the Stadium and the Tower will be well worth your trip.

But while you "musing" over the now, don't forget the old porte-cochere and myself. Be sure to let me see you.

When I came to the college forty-seven years ago, I. T. Yarbrough, a member of the first senior class, after attending my class, said to his classmates: "Well, boys, my face has quit hurting me. They've got a man here who is uglier than I am."

Look in still around here. Look us over and see if you don't think his face has begun to hurt him again.

And when you meet me, don't smile and say, "Professor, you don't remember me." Tell me frankly your name and class. Then I will remember all about you, or if I don't, you'll not find it out.

W. C. REIDICK.

affecting the State College community will originate in this joint committee of student and faculty members. This group will, in open forum, study and discuss any proposition or grievances arising and then make its recommendations to the general faculty, which has the authority to adopt or reject the proposal. All students and faculty members are welcome to attend the meetings of the welfare group and take part in the forum discussion.

During the first year of its organization the Student Welfare Committee was successful in bringing about several constructive matters pertaining to student life on the campus.

Results One of its recommendations, which was adopted by the faculty, was the establishment of a Dean's List. Only juniors and seniors with a scholastic average of "B" or better were eligible for this honor. Students striving to attain this honor will result in a higher scholastic average for the student body. Other matters discussed were the possibility of obtaining telephones in the dormitories, less noise in the College Dining Hall at meal

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# Dean Brown Explains Operation Of Basic Division of College

## Department Is Comparatively New; Major Functions Defined

By DEAN B. F. BROWN

Out of the administrative, budgetary, and functional consolidation of the three State institutions of higher learning in North Carolina have come two facts of vital interest to the friends of State College. The first fact is the concentration of agriculture and forestry, engineering textiles, and vocational education at the State College in Raleigh; the second fact is the establishment of a basic division of the arts and sciences in the technological branch of the Greater University of North Carolina to undergird and reinforce professional training in agriculture and forestry, engineering, textiles, and vocational education.

Naturally enough, there has been some misunderstanding of the purpose and function of the basic division or General College of the Raleigh branch of the consolidated university, just as there has been some misunderstanding of the entire consolidation act. However, as the problems of consolidation in general and the functions of the basic division in particular are faced one by one and in terms of the total situation and actual needs, solutions are being found and gratifying advances made along all fronts.

**Policies**  
Last year the faculty of the basic division worked on the study of curricula, administration, and policy for the basic division or General College. As a result of this effort a very significant beginning was made toward the organization of the new division of the college, though of course, only preliminary matters could be settled with any finality.

Since the composition of the faculty of the basic division is a splendid cross-section of the faculty of the whole college—all teachers of freshmen and sophomores in all the basic departments of all the schools—there is certain to be a wide variation in opinion with reference to the program of the basic division. However, this in a sense is the strength of the evolving basic division, for it guarantees that its program will be effectively geared to the needs of technological training at the professional level, as well as geared to the needs of the students at State College during their freshman and sophomore years, the years in which a student gets his fundamental preparation for education at the professional level.

**Problems**  
During the present school year many problems relative to the basic division program were studied by the general faculty of the college and by the general policies committee. Out of this study and discussion came a clearer general notion of the objectives and possibilities of the basic division.

As the basic division moves forward in the perfection of its program and services, two centers of gravity must be kept ever in mind: First, the needs of the stu-

## Former Governor Says "Hello!"

A half century of life and activity is in itself a fact worthy of notice, but when it represents time's measure of an institution's activity, it is all the more important. As one who is greatly interested in State College, I am proud of the fifty-year record of this great college, and I am more than glad to extend to its faculty, its students, and alumni, wherever they may be, greetings and congratulations. I venture to suggest in this connection that it is a very fitting time for each of us who are interested in its welfare, work and progress to pledge ourselves anew to the utmost effort to lend prestige to and increase the service of an institution that is part and parcel of North Carolina's life. As an honorary alumnus, I am happy to join in this celebration.

Sincerely yours,

J. C. B. EHRRINGHAUS,  
Governor of North Carolina,  
1932-1936.

## STRONG BOOSTER

Persons that enter State College; and, second, the established objectives of the several professional schools and departments of the college. Neither of these centers of gravity can be slighted if the best interest of State-supported higher education in North Carolina is to be served.

**Functions**  
The major function of the basic division of State College may be summarized as follows:

First, to provide increasingly adequate preparation of students in fundamentals, such as knowledge of language and mathematics and basic physical, biological, and social science, and the development of attitudes and character traits that are conducive to creative, responsible, and cooperative activity.

Second, to provide a program of systematic vocational and personal guidance for all students during their first two years, in order that our students may enter the several professional schools with a substantial appreciation of their talents and interests, as well as, with good foundation training for the field of their choice.

Third, to provide through the department of English, economics, sociology, history and government, modern language, physical education, and religion the necessary courses at the advance undergraduate level to meet the elective requirements of progressive professional training in the technological fields.

After all, technological graduates are professional men, key professional men in this age of remarkable technological progress, therefore, they must be trained as adequately as other professional men and they must have a clear appreciation not only of technological processes but of the human significance of these processes. In order that this end may be increasingly achieved, the basic division is established and dedicated to serve student needs and the high requirements of our professional schools.

During the year of 1934, THE TECHNICIAN carried dispatches from United Press news service through an agreement with the Raleigh office of UP.



A former Governor of the State of North Carolina and a strong supporter of State College, Hon. J. C. B. Ehringhaus congratulates the college on its fifty years of growth and progress in the field of education.

## Graham Placed In Limelight As College President

(Continued from Page 1)

A great number of alumni know him personally, and his instinctive ability for maintaining a status of personal friendship with so many men and women has been of inestimable worth to the University. Among the younger alumni who have been students in history courses there exists a bond of amity and experience that is almost fraternal.

If his students are not personally acquainted with President Graham, it is their fault. His office is open to them at all times, and he and Mrs. Graham keep open house every Sunday night when scores of them call.

### Students' Interest

Often he goes to a student's room to inquire of his well-being. His interest in student life and in athletics is genuine, and enables him to have bases of interest which offer a great common denominator for him. He is in demand during football season to make pep talks at the student mass meetings, as well as addresses at meetings of Phi Beta Kappa students. His counsel is eagerly sought after by students who find themselves faced with all sorts of problems.

As a teacher, his classroom lectures were taken as seriously by him as if he were making a speech before a legislative body. And his former students still consider him one of the best teachers they ever had.

Dr. Graham has spoken in probably more places, and on more accounts, than any other member of the faculty during a like period of service.

Yet his off-the-campus interests have taken a minimum of time from his University appointments, and have served to enable him to focus student attention upon vital and significant present-day situations.

Wherever there has been the opportunity for intelligent and progressive service in North Carolina, he has been willing to serve. In 1920-21 he was a hub of the educational revival which has resulted in so much advancement for the institutions of higher education in North Carolina.

### Social Work

He has allied himself with the North Carolina Social Service Conference, serving for two years as its president. He largely organized and furnished the inspiration for the Citizens' Library Movement, which seeks to expand the library facilities of every North Carolina community.

Always he has been engaged in interpreting to the state and local alumni groups the spirit of the University. In the Alumni Association he has been active, and has helped chart its policies and support its program.

In addition to his many accomplishments, and on which many of these accomplishments have been made possible, Dr. Graham possesses, as Editor Josephus Daniels has written, "A singular purity of life, charm and wholesomeness, is a sincere Christian, a genuine patriot, with whom loyalty and devotion to his beliefs is his religion."

Pavement was laid on all of the college streets during the summer of 1934, through funds received from the CWA.

# Poole Enumerates Requirements For Graduate Students

## Graduate Committee Set Up Under Consolidation for Administrative Purposes

By R. F. POOLE, Chairman, Committee Graduate Instruction

When the three units of the present University of North Carolina were consolidated, the Board of Trustees made the graduate schools at the North Carolina College for Women and at State College an integral part of the Chapel Hill Graduate School. Later the trustees allocated graduate functions embracing engineering, agriculture, textiles, agricultural and industrial arts education to the State branch.

To date, graduate work leading to the degree of Master of Science in the above fields is being developed at State College. In a few instances work leading to the Doctor of Philosophy degree has been offered jointly by the State College and Chapel Hill and in which much of the work was given at State College.

### Administration

The Graduate School at State College is administered by an able Committee on Graduate Instruction, composed of members of the faculties of each of the separate schools. The actions of this committee are supervised by the State College faculty council. The Provisional Graduate Council, composed of members of the faculties of the three units of the University, standardizes and perfects the University principles, by which the Committee of Graduate Instruction functions.

The standards maintained for the Master of Science degree are equal to those in any institution. They are probably higher than those in some institutions where the emphasis is placed on the Doctor of Philosophy rather than the Master's degree.

State College holds to the theory that the degree of research degree and the student must demonstrate ability to conduct original research and write a scholarly thesis, which must be approved by the English Department. Frequently, some of the Master's theses are worthy of praise, since they show discoveries of new facts, and the abilities of the students to explain their value.

### Requirements

The graduate student is required to remain in residence three full quarters or not less than five summer school quarters, in order to fulfill the residence requirements. This period, although brief, is considered ample time for the faculty to determine the fitness of the student to receive the Master's degree. The fellowship students remain at the college not less than six quarters, since they are permitted to receive a quarter for an average of seven and a half credits.

The graduate student must complete 46 hours' credits with a grade of B or above in 30 or more credit requirements for the Master's degree. Thirty of these credits are obtained in a major subject, such as plant breeding, soils, entomology and textile dyeing. Fifteen credits are obtained in other subjects closely related to and helpful to an understanding of the major subjects.

Each student pays five dollars when he matriculates, and three dollars for each credit for which he is registered.

He must finally pass a comprehensive examination before a specially selected committee, selected to determine fitness to receive the Master's degree.

## Many Brilliant Activities Fill Career of Dean Harrelson

(Continued from Page 1)

Colonel Harrelson belongs to the Raleigh Kiwanis Club and is a member of the Reserve Officers Association, American Legion, State Board of Conservation and Development, Committee on Personnel for the North Carolina Unemployment Compensation Commission, Advisory Board for the Migratory Bird Treaty Act, and chairman of the State Planning Board. He belongs to half-dozen honorary, social, and professional fraternities and societies, and is a trustee of St. Augustine's College, Negro Episcopal institution in Raleigh.

## Work of College Is Highly Praised by Governor Hoey

(Continued from Page 1)

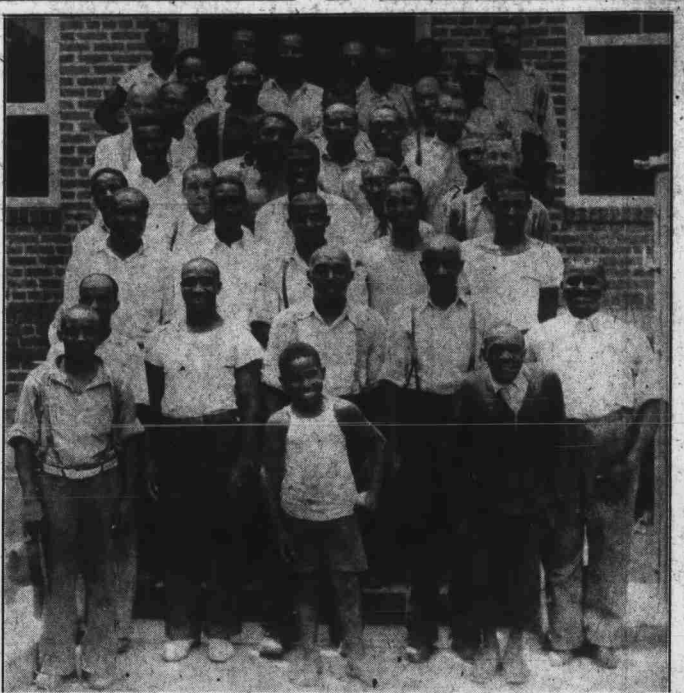
North Carolina needs State College. Agriculture, industry and service the way is open for really challenging accomplishments in the years immediately ahead.

North Carolina needs State College. Agriculture needs the leadership and direction of trained minds and the impetus which can be supplied by helpful research and extension. Carotenoid research with the mastery which is possible over destructive insect life and diseases which attack cattle, hogs and poultry. A larger, richer and more profitable farm life should result from the work of this institution.

The industrial life of the State stands to profit from the work of this College. Already its students have gone out into many fields of industrial activity and rendered distinct service of an unusual and highly productive type. The various branches of manufacturing, construction and creative work should be able to draw heavily upon the graduates from this College to aid in the further development of the state and the building of an industrial empire in North Carolina in keeping with her great natural resources.

I warmly felicitate the faculty, student body and alumni of State College. I recognize this institution not only as an important unit of the Greater University of North Carolina, over which Dr. Frank D. Graham presides, but as a distinct

# CONTRIBUTE THEIR PART IN AIDING COLLEGE



Caught by the camera were a portion of the colored help, who each contribute their bit toward making the college a better place in which to live. Under the supervision of T. T. Wellons, superintendent of dormitories, these men perform various duties throughout the campus, in working on grounds, in dormitories, and in various phases of the college's work.

# Textile Head Makes Survey

## Finds Three-fourths of Textile Students Are North Carolinians

A survey conducted by Dean Thomas Nelson of the Textile School showed that 77.8 per cent of the textile students enrolled at State College this past year were North Carolinians.

Charlotte sent 28 students and Greensboro supplied 26 to give in supplying students to the textile school. Raleigh with 21, Concord with 11, and Salisbury with eight are next in order. In all, 108 North Carolina cities, towns, and villages were represented by textile students this past year.

Sixteen other states and the District of Columbia were also represented. New York lead with 16 and New Jersey was second with 12, followed in order by Pennsylvania, Virginia, Massachusetts and South Carolina.

A large number of the New York and New Jersey boys were sons of two who are connected with commission houses which distribute a large percentage of textile products. A number of students from other states were sons of mill owners and executives.

China, Canada, and Mexico were the foreign countries which were represented, with four, three and two students respectively. Both Mexican boys were sons of mill owners and two Chinese boys were sons of mill executives. One student from China was the son of a legislator and one from Canada was the son of a fabric converter.

CLYDE R. HOEY,  
Governor of North Carolina.

## College Advances Rapidly During Brooks' Regime

(Continued from Page 1)

Public instruction to take over the leadership of State College, the institution was striving to gain recognition for the already excellent work that it was doing. However, it was not until a year or two later, after a number of changes had been made, that it finally achieved the A-grade rating of the Southern Association of Colleges and Secondary Schools.

The College itself increased considerably in size during Dr. Brooks' regime, including the addition of more than a dozen new buildings, athletic fields, and campus beautification projects. Five new departments were added during his 11 years of service, including curricula in construction engineering, ceramic engineering, sanitary engineering, chemical engineering, and physical education. In 1924 the College extension work was begun and has proved extremely vital.

Following closely on the heels of the improved rating of the College came a number of honors in the form of national professional and honorary fraternities and societies, which, although apparently only superficial recognition, meant much to the ranking of the school.

Dr. Brooks' work as an educator began before the turn of the century. He began teaching in 1897, three years after receiving his A.B. degree from Trinity College, now Duke University. Instantly he began a steady climb up the educational ladder.

When Trinity College established a department of education in 1907,

he was named head of the department. He remained at Trinity until January 1, 1919, when he became State Superintendent of Public Instruction for North Carolina.

He founded North Carolina Education, a teacher's magazine, in 1906, and served as its editor until 1923.

Dr. Brooks caused the enactment of several legislative laws for improvement of North Carolina's educational system. He made a complete code of all the educational laws of the state and mapped a plan for standardizing the college. He has also served on many national educational committees.

In 1918 Davidson College gave him the honorary degree of Litt.D., and he received the degree of LL.D. from Trinity College in 1919, and from the University of North Carolina in 1920.

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# Deans of Schools Hold Major Positions

## These Key Men Carry On Duties of Administration in State's Four Schools

The duties of administration in the four major schools at State College is carried on under the capable hands of four men, all of whom have brought the rating of their respective schools up to the highest in the South.

Presenting an extreme contrast to the one department and 73 students who began at State College fifty years ago, the four schools, Engineering, Textiles, Agriculture and Forestry, and the Basic Division now have a total enrollment of almost 2,200 students. Each dean is a recognized leader in his field, and all hold high degrees from outstanding educational institutions.

Dean Thomas Nelson, head of State's far-famed Textile School, is one of the five faculty veterans who have been with the institution more than 35 years. Dean Nelson has been a member of the faculty since 1901.

Born in Preston, England on April 24, 1872, Dean Nelson was educated at Harris Institute in the town of his birth. In 1926 he received the honorary degree of doctor of science from State College in recognition of 25 years of service.

He came to State College from Lowell Textile School, where he was instructor in warp preparation and weaving. He was instructor in this department at State College from 1901 until 1906, when he became professor of textiles and head of the department. In 1924 he was appointed dean of the Textile School.

Dean Benjamin F. Brown, dean of the Basic Division, was born on May 11, 1881, in Crescent City, Illinois. He is a graduate of Northwestern University and had some graduate work at the University of Michigan and the University of Wisconsin.

Dean Brown has been with State College since 1923. When the Department of Business Administration became the School of Science and Business in 1925, B. F. Brown was appointed dean. His position has now been changed to dean of the Basic Division.

Dean Blake R. Van Leer, head of the School of Engineering, has gained experience as a practicing engineer, a teacher, and administrator in some of the well known engineering schools in the nation. He was educated at Purdue University and has taught at the University of California, George Washington, and the University of Florida.

Prior to assuming the leadership of the State College Engineering School in 1927, Van Leer was dean of Engineering at the University of Florida for five years. He served during the World War, and was awarded the Croix de Guerre for meritorious service in France. He spent a year studying hydraulics at the Technical University of Munich, Germany.

Dean I. O. Schaub has been officially connected for 35 years with organized efforts to improve agriculture and better the lot of rural dwellers. He began as assistant chemist with the Illinois Experiment Station in 1903.

Dean Schaub, who heads the State College Extension Service and the School of Agriculture, was graduated from State in 1910 and spent the next three years as a graduate student in Johns Hopkins University.

He was born in Stokes County

## NYA Gives Aid In Employment To Many Boys

### Government Supplies Funds for Needy Students Through Self-Help Bureau

By N. B. WATTS  
Self-Help Director

The Young Men's Christian Association established the Self-Help Bureau in 1929 for the purpose of rendering assistance to needy students at North Carolina State College. Prior to that time, nearly 20 years ago, the YMCA first began to aid students through self-help work. An office secretary was employed in 1924 and during the building boom in Raleigh, many students found employment through the YMCA. Before a self-help secretary was employed, the work was carried on by a student chairman and the office secretary.

Until 1924, when the United States government came to the rescue of needy students, the YMCA, with its limited means, did everything possible to find jobs and to assist in every way those students in need. Many students were placed each year in private homes where they received their room, board, or both in return for their services. Many students were given off-jobs, working in private homes and local establishments during the afternoons and on Saturdays.

Federal Aid  
In the spring of 1934, the government, for the first time in history, offered direct aid to needy college students. This Federal grant could only be used in nonprofit making institutions, and by only such needy students as were, for the lack of funds, about to be forced out of college.

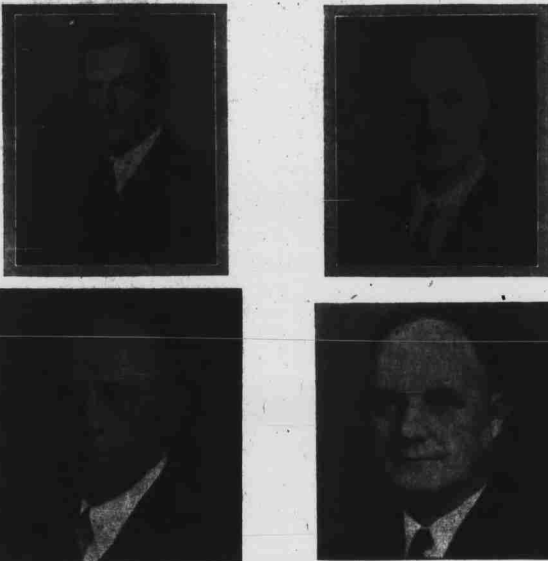
The actuating thought was that those young people might thus be kept from competing with adults seeking employment, and at the same time be enabled to carry on their preparations for greater future usefulness. Forty-two colleges in the State of North Carolina at once took advantage of the government's offer. Each of them found the plan beneficial, and, at the end of the term, requested that a similar program be continued for at least another year.

In this request they were joined by several other institutions which had not at first used Federal funds but which desired to do so during the approaching year. Colleges in other states reacted in like manner. Hence, in the summer of 1934, an official allotment of funds was made permitting assistance to a percentage of each eligible student body at a monthly average of \$15 per student. During the year 1934-1935, fifty-two institutions participated, aiding 3,500 students to either enter college or to remain in college.

By this time, thoughtful leaders throughout the country had come to realize that, important as the college program might be, it could be made to serve only a few

on September 28, 1880, and was reared on the farm. In 1924 he returned to State College as director of Agricultural Extension, and two years later became dean of the School of Agriculture.

## THESE MEN HEAD FOUR MAJOR SCHOOLS



Shown above are the four deans of the major schools at State College, who carry on the administrative duties of their departments. Each holds a responsible position, and all are well qualified for their work.

Left to right, top row, is Dean I. O. Schaub, head of the School of Agriculture and Forestry; Dean Thomas Nelson of the Textile School; bottom row, Dean B. F. Brown of the Basic Division, and Dean Blake R. Van Leer, head of the School of Engineering.

of the young people needing assistance. Much discussion was indulged in as to the type agency demanded and as to the extent of the government in sponsoring such an agency. On June 26, 1935, President Roosevelt established the National Youth Administration, and made an allotment of fifty million dollars for the first year of the new program. On August 9, he said, "I have determined that we shall do something for the Nation's unemployed youth, because we can ill afford to lose the skill and energy of these young men and women."

This statement sums up the whole purpose which has actuated the National Youth Administration, namely, to serve needy youths.

Since that time, the program has been increased until today thousands of boys and girls throughout the United States are receiving financial aid through the National Youth Administration, enabling them to continue their education. Space does not permit us to review each year the program on the campus of this college, which has been made possible by the assistance of the government.

During the past school year, 1938-39, approximately two hundred and sixty-five needy students received financial aid through the National Youth Administration. Before a student is appointed to NYA work, he must first be between the ages of 16 and 25 inclusive, must have and maintain a scholastic average of 75, must not own or operate an automobile or motorcycle, must not pledge or join a social fraternity, and must be deemed needy and worthy of financial aid in order to remain at or enter State College. During the past school year, NYA students earned \$23,894.99, one cent short of our total allotment. Each student was allowed to earn \$15 per month and was compensated at 25¢ hourly rate, 35¢ or 40¢, such as the work in which he was employed warranted.

In addition to the aid to needy students through the NYA during the past school year, the Self-Help Bureau found employment for a number of students in the dining hall, library, and other departments of the college. Many odd jobs were given to students in the afternoons working in private homes, etc. Many students were placed in private homes where they received their room or board for their services.

Other Work  
The YMCA employed four boys in the game room in the basement of the "Y" building, two boys at odd times in the guest room, three boys in the office in the "Y" lobby, boys to serve the numerous luncheons served in the YMCA banquet room, one boy to operate the motion picture machine owned by the "Y" and operated free for the students, five student barbers in the "Y" barber shop, and has selected and supervised the solicitors for laundry, shoe repairing, ice cream and candy, and miscellaneous articles in the dormitories.

The Self-Help Director has tried to serve the students in every way possible, especially through personal counseling. This is one of the most important functions of the Self-Help Bureau.

The Self-Help Bureau has expanded each year since it began its work on the State College campus. In 1929, students were assisted in financial aid to the amount of \$1,947.51. During the past school year, students received over \$2,000 in financial aid, through the Self-Help Bureau from the National Youth Administration, and other jobs found by the bureau.

The outlook for the school year of 1939-40 is very encouraging since the allotment of funds from the National Youth Administration has been increased from 9.3 per cent of the student body to 10 per cent. This will be an increase of \$3,105, enabling 23 addi-

tional students to receive jobs under the NYA.

## UNTIMELY

The first robbery of its kind in the history of the college occurred in September, 1932, when the treasurer's office was broken into and over \$3,000 removed from the safe. The college at present has an elaborate burglar-proof vault to protect its funds.

The money stolen included receipts from a football game and from late registration fees. The loss was only partially covered by insurance, as the regular insurance had lapsed the day before the robbery and was not renewed until the next week.

Police officials stated that the crime did not appear to be the work of a professional criminal.

## Lisle Fellowship Given "Y" Leader For Summer Work

Student Joins Group of 50 College Men for Summer Study in New York

(Editor's Note: Working during this past summer at the Lisle Fellowship in Lisle, New York, is related here by C. H. Kirkman, Jr., secretary of the Y.M.C.A.)

This summer I had the privilege of attending the Student Christian Mission Fellowship, or Lisle Fel-

## CONSOLIDATION RESOLUTION

Following is the resolution in full, which received the unanimous decision of the entire college organization, for the consolidation of the three units into the Greater University of North Carolina:

"The question of University consolidation was studied for three years by the President of the University, with the help, advice, and recommendations of a special Committee on Engineering Education, the Trustees' Committee on Consolidation, the Administrative Council composed of representatives from the faculties of the three units of the Greater University, and the Board of Trustees. In line with the law providing for consolidation, the conclusion was to provide for three strong branches of the University on a functional basis with no diminution of the cultural, scientific, and business service courses at either unit of the University.

"We realize that the consolidation policy now in operation will ultimately take from the State College twelve curricula and approximately 625 students.

"We have accepted this program in good faith as being the logical, sound, and fair method of putting consolidation into effect under the law establishing it as the policy of the State in regard to higher education.

"We, therefore, pledge our efforts to carry out faithfully and to the best of our ability the program recommended by the President and adopted by the Board of Trustees at its regular meeting in June, 1935."

lowskip, at Lisle, New York. I was one of a group of 50 college students who were interested in religious and social activity, but were not planning, as a rule, to enter either of these fields for a livelihood. We were selected by the directors of the Fellowship, Mr. and Mrs. DeWitt C. Baldwin, because we had taken part in religious work, or were elected to some office in that line for this year on our home campuses.

Mr. and Mrs. Baldwin, our capable directors, were once missionaries to Burma. At the present time they are employed by the Board of Missions to travel from college to college in the United States to work with and discuss with students their problems.

We, as a group of students, had quite a variety of backgrounds, as you will see. There were 17 states of the United States and seven other nations represented. Of the students from the United States, three were Negro, and one American Indian. As far as religion is concerned, Christianity with its many denominations, predominated, the others being Jewish, American Indian, and Zoroastrianism, a religion of India. It might be said that we were a minute world community.

How did we accomplish harmony with such a variety of backgrounds when the world cannot? The answer is that we all worked toward one end. By this I mean we prepared meals, cleaned dishes, cleaned

house, did our laundry and ironing, sang, played, went to lectures, and did many other numerous things together. We all helped one another. If such things as I have enumerated do not bring people together and create a sense of unity—nothing will.

The first week at Lisle we had many interesting talks and discussions on countries, religions, sociology, and others, as well as training in music and folk games, which we found very useful the following weeks.

The remaining five weeks we spent three days at Lisle for further instruction and four days per week in the surrounding communities, where small groups of us conducted programs and services of various kinds. These meetings consisted of young people's socials and picnics, Ladies' Aid, Grange meetings, Vacation Bible School, Sunday School and Church services. In a large percentage of the cases we had complete charge of the program.

If I were to say what I think the value of Lisle was to us, I would say: It established world-mindedness through fellowship and trained us in religious and social activity so that we may be better able to serve our home campuses.

Before coming to State in 1934, William P. Kellum worked for three years with the library at the University of North Carolina.

ON this Fiftieth Anniversary of North Carolina's State College, we are pleased to commend the faculty and alumni for their consistent contributions to the Electrical Industry... Through their efforts in the field of utilizing the manifestations of electricity they have gained international recognition for themselves and for their institution... The Electrical Age marches on. The future of electricity rests with today's students. For North Carolina State we predict a continuous leading part.



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### Former State Presidents Played Important Roles In Institution's Growth

#### From Holladay To Harrelson Survey Shows Growth of College To Be Constant.

Fifty years ago Alexander Q. Holladay began a successful career as president of an institution composed of two buildings, six professors, two instructors, and 72 students, and known as the North Carolina College of Agriculture and Mechanic Arts.

Although serving in this executive position for only 10 years, it was under President Holladay that the present North Carolina State College passed through its infancy, and proved to a doubtful public that it could be and would be a mature institution.

As a memorial to the untiring work of A. Q. Holladay, his name has been given to the administration building. Immediately following Holladay came George Taylor Winston, another of the pioneering educators, under whose reign the A. & M. College grew rapidly. Serving as president from 1899 until 1908, he too was faced with the task of convincing the public of the College's unlimited possibilities.

In 1908 Daniel Harvey Hill assumed the leadership of a school which was almost past the stage of convincing the public, but which was in the stage of rapid growth and development. Under Hill the physical plant of the College rose rapidly, and the student body increased many times the original 72 who began on October 3, 1889. He was succeeded by Dr. Wallace Carl Riddick in 1916. His name was given the new library upon its completion.

Dr. Riddick was a strong advocate of a first-class engineering school, and it was largely through his efforts that the school has achieved the high rating that it enjoys today. In 1925 Dr. Riddick resigned the presidency of the College, and was selected as dean of the Engineering School, holding this position until 1937. Dr. Riddick remains with the faculty as professor of Hydraulics, and has been replaced in the engineering dean's office by Blake R. Van Leer.

#### Students Say "No"

In a poll taken of State College students five years ago by a large weekly magazine with nation-wide circulation, the student body voted 100 to 1 against the United States entering a war in which she were the invader.

However, they retaliated by showing one institution, for each patriotism to their country when they voted one hundred per cent yes on the question of would they fight if this country were invaded. Now seems a timely test of their decision.

formerly of the University of Florida.

The reorganization of the College from the various departments into the present system of four major schools was completed during the period in which Dr. Eugene Clyde Brooks was administrative head. He succeeded Dr. Riddick in 1923, and remained at the helm until 1934.

The General Assembly of 1931 consolidated the University of North Carolina at Chapel Hill, State College, and the Woman's College in Greensboro into one unit known as the Greater University of North Carolina. Dr. Frank Graham was named president of the three units, and Dr. Brooks, then president of State, was given the title of Dean of Administration.

Dr. Brooks retired in July, 1934, and Colonel J. W. Harrelson, head of the mathematics department and a graduate of the class of 1909, was made administrative dean. Under the direction of Col. Harrelson the College has made rapid growth, and has enjoyed the largest expansion program in the history of the institution. In 1938, eight new buildings were added to the College's physical plant, and the college faculty has co-operated to raise the standards of the school so that now it is known as one of the finest in the United States.

Today there are over 5,000 graduates of State College scattered in all parts of the world, and the enrollment reaches near the 2,800 mark. The faculty is now over 200, as compared with the six professors and two instructors who began State College 50 years ago.

The faculty voted almost unanimously against retaining the honor system in October of 1934, after similar action had been taken by the Student Council.

### Large Number Register For Graduate Work

#### Some Students Will Get Fellowships; Several Receive NYA Assistance

By R. F. POOLE, Chairman, Committee Graduate Instruction

There will be about 100 graduate students at State College this session. Between 50 and 60 students will hold fellowships. A few will have NYA assistance. Others will come prepared to pay all expenses and to find assistance through the various channels open to self-supporting students.

By hard work a student may earn the Master's degree in an academic year, but very few attempt to complete all work leading to the degree in the minimum time allowed because of the thesis requirements. The fellowship student must devote one-half of his time as a teacher, grading papers and assisting with research activities. In the two academic years, most of the fellowship students complete the work required of a Master's candidate in a satisfactory and pleasing manner.

**Fellowships**  
The fellowship student is selected on the basis of good scholarship, potential scholarly attainments, and personality. Many of our graduates meet these requirements and receive the fellowships. However, students come from many states and institutions to study at State College.

The objectives in advanced training for the Bachelor's graduate aim toward a concentrated knowledge of specific matter. The student gains the basic principles of methods and procedures in obtaining new facts and in testing theories. His abilities for using knowledge gained as an undergraduate is tested by the many assignments given him. Each student makes a plan of work leading to the degree. He is allowed a very wide range of courses which only requirements that the plan consist of courses having continuity and graduate recognition.

**Plan Ahead**  
Seniors and juniors contemplating graduate work in any institution will profit by selecting courses for electives that will offer basic knowledge space in many instances students are burdened with removing conditions. Graduate work is built upon basic rather than applied concepts, which the undergraduate student often overlooks. I will give two examples to clarify these statements.

If a student seeks to become a specialist in soils, he must prepare himself in the basic principles of bacteriology, chemistry, mathematics and physics. Likewise, one hoping to become a specialist in plant breeding must prepare himself in mathematics, plant physiology, plant pathology and genetics. When the student has sufficient knowledge of these sciences, he can devote all efforts toward the major objectives of his course.

Many of our Master graduates go elsewhere to study for the Doctor of Philosophy. Master students from this institution have obtained fellowships at such outstanding universities as Harvard, Maryland, Missouri, Wisconsin, Ohio State, Iowa State and Minnesota in recent years. This is a source of pride to State College since it clearly indicates that the workers here maintains a satisfactory standard.

Graduate schools everywhere are constantly looking for potential scholars and investigators. Students having qualities that indicate interest and trends toward either of these goals should find fellowships for supporting all further advanced training that may either prove a greater source of happiness and profit than could have come from the Bachelor's training.

### Campbell Resigns To Head Meredith

Students enrolled at Meredith College this year will come in contact with a former State College professor and past head of the English Department, Dr. Caryle Campbell, who resigned effective September 1 to accept the presidency of the Baptist institution.

Election of the new president was announced by Dr. J. Rufus Hunter, president of the Meredith Board of Trustees. Dr. Campbell assumed the duties of his office immediately following his resignation from the faculty of State College. He will succeed Dr. Charles E. Brewer, who resigned last spring after 25 years of service.

Having secured his A.B. degree from Wake Forest College, Dr. Campbell continued there to receive his Master's degree, and was awarded the LL.D. degree at the University of South Carolina in 1929, after three years graduate work at Columbia University.

**Work Begun**  
He began as an educator at Bule's Creek Academy in 1911 and continued until 1920, with two years intervening, during the World War. He became president of Coker College in 1926, serving in that capacity until 1928. The new Meredith president came to State College as an English instructor in 1927, and during the following summer became head of the English Department. During the World War he served as ranking band sergeant in the Field Artillery in 1917-18, and as second lieutenant in the field artillery in 1918.

### STATE COLLEGE MEN GET MILITARY COMMISSIONS



Military students among recent graduates of State College have made a remarkable record in winning highly competitive placements in the regular armed forces of the United States. Major Kenneth G. Althaus, executive officer for the college military department, announced recently.

In the 1939 graduating class, five ROTC students were designated "Honor Graduates": Eugene Allen Dees of Concord, Lewis Lee Copley of Rougemont, Sterling Charles Holmes of Cambridge, N. Y., George Verner Hanna, Jr., of Mooresville, and Julian Vincent Lyon of Creedmoor.

All have been commissioned in the regular armed forces, Major Althaus announced. Dees, Copley and Holmes were appointed second lieutenants of infantry in competition with honor graduates of each of the ROTC colleges or universities in the South. Dees has been stationed at Fort Thomas, Ky., Copley at Fort Monrith, S. C., and Holmes at Fort Niagara, N. Y.

Hanna and Lyon were commissioned second lieutenants in the Marine Corps and now are in attendance at the Marine Corps Basic School, Philadelphia Navy Yard. One principal and one alternate appointment were made available to State College by the Marine Corps, but both young men were accepted for appointment after the preliminary examinations were made.

Jesse Price Moorefield of Greensboro, an honor graduate in 1938, has received a permanent commission as second lieutenant in the infantry after completing one year of active duty with the regular army under provisions of the Thompson Act. Under this Act, 600 selected ROTC students are given one year of active duty with the army. They are required to stand a highly competitive examination at the end of that period to determine their relative merit, and only officers standing in the extreme upper bracket are commissioned. Only 10 per cent, approximately, are appointed to the regular army.

James Henry Griffin of Asheville, Class of 1937, and William Edgar Davis of Wilmington, Class of 1935, have been commissioned second lieutenants in the U. S. Air Corps by competitive examinations. They recently finished two years in training at Randolph Field in Texas.

Other State College men who have received Air Corps commissions following completion of training at Randolph Field are William Lewis Curry of Raleigh, Class of 1934; Arthur Harold Rogers of Raleigh, Class of 1932; and Joshua Thomas Winstead, Jr., of Maclefield, Class of 1932. Assigned to active duty with the regular army air forces and scheduled to take their examinations for permanent commissions in the near future are Charles Dewey Slocumb of Goldsboro, Class of 1937; Oliver R. Salmeis of Weymouth, Mass., Class of 1934; and Rudolph Romulus Seymour of Apex, who left State College at the end of his junior year. They completed the course in flying at Randolph Field this year.

John William Weltman of Wendell, Class of 1937, successfully completed the course at Randolph Field and now is serving a three-year period of active duty with the regular army air corps.

The following students in the Class of 1939, all of whom were outstanding on the campus during the ongoing Thompson Act training for one year as second lieutenants of infantry: Charles Selby Jones of Behevan, Arthur Garfield Raymond of Moorestown, N. J., William Vaughn Matheny of Pulaski, Va., Edward Jones Lancaster, Jr., of Winston-Salem, Eric Ray Edgerton of Keady, and Arthur Earl Calhoun of Route 2, Rocky Mount. Jones, Lancaster, Edgerton and Calhoun are stationed with the

11th Infantry at Fort Benjamin Harrison, Ind. Raymond is with the 14th Infantry at Fort Hamilton, N. Y., and Matheny is with the 16th Infantry Brigade at Fort George G. Mead, Md.

Now in training at Randolph Field as flying cadets are James Abner Worrell of Rich Square, '39; Cuthbert Livingston Moseley,

Jr., of Raleigh, '38; and Frank Conder Ziglar of Charlotte, '38. John Porter Lucas, Jr., of Fort Bragg, who finished his junior year at State College last spring, is now a cadet in the United States Military Academy at West Point.

He is the son of Col. John P. Lucas, Field Artillery, U. S. Army. John Mayo Waters, Jr., of Wil-

son, who finished his freshman year at State College last spring, is now enrolled as a cadet in the United States Coast Guard Academy, to which appointment is highly competitive.

### Major Gillette Is Outstanding Alumni Leader

#### Newly Elected President Has Had Colorful Army and Civilian Career

Major George W. Gillette, District Engineer of the U. S. Engineer's Office at Wilmington, was elected president of the N. C. State College General Alumni Association at its annual meeting held last June 5th. Major Gillette graduated with the class of 1911.

A native of North Carolina, he studied electrical engineering at State. His son, George, Jr., graduated here in civil engineering in 1935. Major Gillette also graduated from the Army Engineer School and studied engineering in France and Germany. During the construction of Wilson Dam at Muscle Shoals, he was on duty with Brigadier General M. C. Tyler, now assistant chief of army engineers.

Serving with the 39th Division and the Sixth Engineers, Third Division, during the World War, Major Gillette saw service in Belgium, France, and Germany. He was awarded the Silver Star for gallantry in action.

Major Gillette was in charge of the construction section of the military division, in the office of the Chief of Engineers in Washington before coming to Wilmington. Prior to this time he was on duty for several years in the Hawaiian Islands.

In his student days "George" won a long list of honors, some of which were: President, Senior Class; business manager, Red and White (college literary magazine); commencement marshal; Agrovoc staff; several military honors, and many other distinctions.

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FORTY YEARS WITH STATE COLLEGE

Quietly rounding out 40 years of continuous service with North Carolina State College is Treasurer A. F. Bowen, pictured here in his office.

Treasurer Bowen Passes Fortieth Year of Service

Veteran Member Developed Boarding Department and Purchase Order System.

Late one August afternoon in 1899, the business affairs of State College were placed in the hands of a young man, then 24 years of age, who today guides the financial affairs of the institution.

It was his first day at the College, yet all of the responsibilities of the college president were entrusted to him for the following three weeks while Dr. George Taylor Winston, then president, was absent on a business trip.

That was how A. F. Bowen became clerk and secretary to the president of the North Carolina College of Agriculture and Mechanic Arts. It marked the beginning of his long and successful career at what is now known as the North Carolina State College.

Mr. Bowen continued as Dr. Winston's clerk and secretary until 1902, when he was appointed to succeed J. M. Pix as burar of the College. Mr. Pix resigned to go into the banking business in Burlington.

Very little of the present physical plant of State College was standing when Mr. Bowen took over his duties, and he has seen the College grow from an enrollment of 140 to well over 2,000.

During his first year, Mr. Bowen did much toward getting athletics started here. He was business manager of the athletic association in 1904, and did much toward building up the 1907 football team which won the South Atlantic title. J. L. Von Glahn, now business manager of athletics, was a tackle on that team.

In 1905 Bowen became interested in securing an athletic field and grandstand for State. His efforts

Extension Head Describes Work Of His Division

College Extension Division Active Since 1924; Reaches to All Parts of the State

By EDWARD W. RUGGLES Director

The College Extension Division has enrolled 47,480 students in short courses, extension classes and correspondence courses since its organization in 1924.

Its aim is to carry the practical and cultural advantages of college studies to individuals and communities that can profit by them. This service is rendered through extension classes, correspondence courses of practical nature and for college credit, short courses, lectures and reading courses. This has virtually extended the campus of North Carolina State College to cover the entire State.

The territory mentioned is allotted to the College Extension Division by the North Carolina Association of Extension Directors of which it is a member. The students may choose from a wide variety of subjects. During the last school year there were 1,300 students enrolled in 80 extension classes. These classes were located in 26 counties in Eastern North Carolina. The subjects taught included agriculture, engineering, history, English, psychology, zoology, chemistry, geology, modern languages, sociology, government, and architecture.

Correspondence Correspondence courses both for college credit and of a practical nature where no credit is desired are given by the College Extension Division. Practically every state in the Union has been represented in the correspondence school, and several foreign countries, including Spain, Canada, Norway, Cuba, Ireland, Australia, England, Scotland and Mexico.

The enrollment for last year was 1,323. Correspondence courses for college credit include, agronomy, animal husbandry, horticulture, soils, poultry, and swine, economics, rural sociology, chemistry education, economics, English, geology, history, architectural engineering, ceramic engineering, mechanical engineering, mathematics, modern languages, sociology and public safety.

Courses of practical nature include Business English, electrical meters, industrial electricity, hand surveying, plumbing, engineering drawing, air conditioning, heating and ventilation, building and estimating, sheet metal pattern drafting, and industrial radio, also the courses in agriculture and ceramic engineering may be taken where no college credit is desired. Both lists are being added to as rapidly as possible.

Purpose It is the policy of the College Extension Division to tie up the facilities of the engineering and textile schools of State College with the trades and industries of North Carolina into a permanent educational program, and in carrying out this policy, short courses of a practical nature are offered every year. These short courses are increasing in popularity. During the last school year 491 enrolled in short courses and institutes.

The variety of short courses is becoming larger as their popularity increases. The following courses were held last year: Electrical meters, engineering drawing, plumbing and heating contractors, gas plant operators, water plant operators, police photographers, electrical contractors, textile mill men, street superintendent and assistants, sanitarians, building inspectors and the coal conference.

The College Extension Division assists any high school, girls club, woman's club, science club, agricultural or engineering meeting to put on a good lecture or musical program. Many of the college professors, the concert band, the concert orchestra and the glee club of North Carolina State College aid the Extension Division in putting on these programs, thus giving the organizations a wide variety of entertainment to choose from.

Reading courses are offered to graduates and undergraduates who desire to continue their intellectual growth and to keep abreast of the advances made both in their specific field and in relating fields.

Graduate Posts Two members of last year's graduating class in ceramic engineering were awarded fellowships which will permit them to take graduate work this year for the Master of Science degree. It was announced by Dr. A. E. Greenawalker, head of the department. William Scholes received the Orton Fellowship at Pennsylvania State College, and J. F. Sawyer, Jr. was awarded the same fellowship at Virginia Polytechnic Institute.

Sawyer will specialize in refractories and Scholes will specialize in glass and refractories.

TEXTILE STUDENTS FOLLOW IN FOOTSTEPS OF THEIR FATHERS



These are a portion of the students enrolled in textiles at State College last year, whose fathers are executives in the textile industry. The large number of mill executives who send their sons to State was discovered in a survey conducted by Dean Thomas Nelson, head of the Textile School.

EXTENSION HEAD



EDWARD W. RUGGLES

Mr. Ruggles is director of the State College Extension Division, largest in North Carolina and one of the largest in the South. In addition to the short courses and institutes which bring thousands of adults to the campus, Mr. Ruggles also handles night classes and correspondence courses on a great variety of subjects. His latest innovation, which is meeting with widespread approval, is a correspondence course on safety for public school teachers. Adult education is a major part of State College's program.

Sons of Many Mill Officials Listed In Textile School

Survey Also Shows Rapid Growth of School Under Dean Nelson

An unusually large number of students whose fathers are executives in the textile industry are enrolled in the State College Textile School, a survey made by Dean Thomas Nelson, head of the school, revealed.

"The fact that so many prominent textile officials are sending their sons to State College to pursue textile courses is evidence that these men consider textiles a fertile field for technically trained young men with initiative and ability," Dean Nelson commented.

Within the past two years, the State College Textile School has completely modernized its weave room and has added considerable new equipment to the yarn manufacturing, knitting, and dyeing departments, so that today it is one of the best equipped textile schools in America.

In the near future the Textile School will move into its new home, a four-story, fire-proof structure, which will contain 75,000 square feet of floor space. It will have the most modern lighting and humidifying devices, and about \$40,000 worth of new equipment will be installed to supplement the modern machinery now possessed by the Textile School. The new equipment will include a unit of woolen machinery.

Life At Summer Work Camp Proves Worthy Experience

YMCA Officer Tells of Eight Weeks Spent at Cooperative Farm

(Editor's Note: Jack Price, vice president of the Y.M.C.A., tells of his experiences while attending the Delta Co-operative Farms during this past summer.)

Living for eight weeks in the American Friends Service Committee's Work Camp on the Delta Co-operative Farm would indeed be a rich and valuable experience for any person who is the least bit concerned about the sharecropper situation. Here on this farm run on the co-operative principle, one is surrounded with large farms run on the plantation system, with the exception of a rental farm plan followed on one plantation by the government.

There are very little educational or social opportunities available to the average sharecropper, yet many have the determination to work hard enough to get through school. On this farm there is a Community House where movies and dances are held each Saturday night and are well attended.

The Work Camp this summer has worked on projects such as clearing land, digging drainage ditches and general farmstead improvement work, while the girls do the cooking and the laundering, and still find time to teach school for the children on the farm. Our work program was seasoned with speakers frequently, such as Arthur Raper, Sam Franklin, and many others along with visits to other plantations and once to a Southern Tenant Farmer's Union over in Arkansas.

Singings Accidents among the boys were a frequent occurrence and poison ivy was on three-fourths of the campus. Those that were able—and the majority usually were—sang and played folk games every night. The camp established quite a reputation for its singing.

Many of the campers did not know a horse from a mule or corn from cotton, and of course the summer was quite informative for them, yet there are much more important things to be gained by studying this experiment in co-operation on the Rochdale plan and contrasting it with the now existing plantation system. In North Carolina one can hardly imagine the way people act when about 80 per cent of the people are black and a small percentage of the whites control them. The tension here is getting stronger and stronger, particularly as the Southern Tenant Farmer's Union grows, and pretty soon something is going to break. Whether or not the co-operative plan can follow cannot be accurately determined—only can one hope.

HEADS GROUP



Professor Fred M. Haig, above, will serve again this year as chairman of the Student Welfare Committee. He acted in that post during the past school year, which was the initial one for the newly formed committee.

Outsiders Banned From Cafeteria

Since July 1, 1939, the sale of meals in the college cafeteria has been restricted by North Carolina law to students, members of the educational staff, members of the staff auxiliary to the educational staff, and persons attending conventions and other meetings of the college.

Pressure for the passage of the bill of which this restriction is a part came from the business men of Chapel Hill, who expressed the opinion that the University was operating too many mercantile establishments which offered products for sale at prices with which they could not compete.

The bill contains a clause which states that members of a student's immediate family may "on occasion" purchase meals in the cafeteria. This means that a student may legally take visitors into the cafeteria.

Persons willfully and knowingly purchasing meals in violation of this regulation are subject to prosecution for trespass under the laws of North Carolina.

COMPLIMENTS of E FIRD'S DEPARTMENT STORE RALEIGH, N. C.

BEST WISHES TO THE STUDENT BODY OF STATE COLLEGE on the FIFTIETH ANNIVERSARY of the GREATER UNIVERSITY OF NORTH CAROLINA

Saint Mary's School and Junior College RALEIGH, NORTH CAROLINA MRS. ERNEST CRUIKSHANK, A.M., President

An Episcopal School for Girls—Founded 1842 Curriculum includes the 10th, 11th and 12th grades of High School and two years Grade A College work For Publications Address, A. W. TUCKER, Bus. Mgr.

THE COLLEGE SODA SHOP joins in the celebration of the Fiftieth Anniversary of N. C. State College. May the friendship and companionship continue as it has been in the past. COLLEGE SODA SHOP "STONY" KEITH, Proprietor Phones 790-791 College Court

THE MUTUAL INSURANCE Agency RALEIGH, N. C. HUGH H. MURRAY, Mgr. Class of '32 ALL LINES OF PROPERTY INSURANCE



# College Extension Service Plays Important Role In State Farming

### Agricultural Education Centered at College for Fifty Years; Dean Schaub Recognized as Leading Authority

Agricultural education and research in North Carolina is centered at N. C. State College, just as it has been since the college was founded fifty years ago. Three branches of the college are devoted to the enlightenment and service of rural people of the State—the School of Agriculture, the Agricultural Extension Service, and the Experiment Station.

Since more than 50 per cent of the people of North Carolina depend upon agriculture for their means of livelihood, the importance of State College is evident. Dr. I. O. Schaub, a native of Stokes County and a graduate in the eighth class of State College, is dean of the School of Agriculture, director of the Extension Service, and acting director of the Experiment Station. He is generally recognized as one of the best informed men on agriculture in the South, and he is frequently called into consultation by the U. S. Department of Agriculture on problems of nation-wide significance.

### Training

The School of Agriculture trains young men to be general farmers, agricultural extension agents, agricultural specialists in State and Federal departments, stock raisers and dairymen, specialists in the manufacture of dairy products, foresters, fruit growers, truck farmers, vocational agriculture teachers, and agricultural specialists in foreign lands. It offers courses in Agricultural Economics, including farm marketing and farm management; Agronomy, including field crops, soils, plant breeding, and agricultural engineering; Animal Industry, including animal production, animal nutrition, dairy production, and dairy manufacturing; Botany, including bacteriology, plant physiology, and plant diseases; Horticulture, including pomology, small fruit culture, floriculture, truck farming, and landscape architecture; Poultry Science, including poultry diseases, poultry breeding, poultry feeding, and flock management; Zoology, including general, entomology, and animal physiology; and Forestry.

The State College forestry division has the only accredited curriculum of its type offered by any institution between Pennsylvania and Louisiana.

### Adults, Too

State College not only trains boys, but adults as well. It is as near to the front doors of North Carolina farm homes as the offices of the farm and home agents in the county-seats of government. These county agents, one or more of whom are located in every one of the one hundred counties in the State, work under the State College Agricultural Extension Service. So do fifty or more subject matter specialists who travel over the State and help the county agents carry information on improved practices of farming and rural homemaking to the individual farm family.

### New Instructor



DR. W. W. WURTH KRIEGEL

On September 1st, Dr. W. Wurth Kriegel, above, assumed his duties as instructor in the Department of Ceramic Engineering, succeeding Professor R. L. Stone, who entered the ceramic industry with a new firm in Mount Airy.

A native of Seattle, Wash., Dr. Kriegel has been serving since 1938 as graduate assistant and instructor in ceramics at the Montana School of Mines in Butte. He received degrees in ceramics from the University of Washington and the Montana School of Mines, and earned the Dr. Ing. degree at the Hanover, Germany, Technische Hochschule as an exchange student of the Institute of International Education.

The Extension Service is this year celebrating its twenty-fifth anniversary. It was established by the Smith-Lever Act of Congress in 1914, which provided for a co-operative agency of the U. S. Department of Agriculture, the Land Grant colleges of the States, and the counties, to "give instruction and practical demonstrations in agriculture and home economics to persons not attending or residing in a Land Grant college in the several communities, and imparting to such persons information on said subjects through field demonstration, publication, and otherwise."

# YMCA men Engage In Summer Work

### Three Scholarships Enable Students to Receive Training in New York

By O. J. HOWELL, President, State College YMCA

From New Hampshire to North Carolina and from New York to Wisconsin, a group of college leaders in the Student Christian Movement descended upon sweltering Manhattan in early July for a six-weeks of intensive preparation for their jobs in campus Christian work. The Y.M.C.A. here in State was fortunate enough to send three men, their president, O. J. Howell, Jr.; their treasurer, Fred A. Webb, Jr.; and their director of freshman activities, Kenneth Murchison. These men attended the President's Summer School at Union Theological Seminary of Columbia University.

This was made possible due to the fact that the State College Y.M.C.A. was able to secure three working scholarships. One of these school ones is in contact over a six-weeks period with progressive Christian thought and philosophy, with the newest methods in Christian Association work, and with a fine group of Christian leaders and workers.

### City Problems

In addition to the formal course of study the members of the President's School took advantage of the opportunity to study various phases of New York life, such as life in Harlem and the Bowery, slum conditions as contrasted to palatial penthouses, tours of radical political centers, labor centers, financial centers, religious centers, product markets, art centers, Broadway plays, and broadcasts. The members had further religious leaders from Father Divine to Harry Emerson Fosdick.

The outstanding feature of the President's School was the splendid fellowship among the students who lived, worked, played, and worshipped together. Fred, O. J., and Kenneth each agree that they achieved a broader conception of Christianity, and that this experience was the greatest of their college careers. They feel that this experience will enable them to interpret the principles and teachings of Jesus more effectively as they affect the State College campus.

# LEGISLATURE PICKS TRUSTEES

In joint session on March 31, 1939, the North Carolina Senate and House of Representatives elected twenty-nine trustees for the Greater University. Twenty-five trustees were elected for terms expiring April 1, 1947, three were elected to fill vacancies for terms expiring April 1, 1941, and one was elected to fill a vacancy for a term expiring April 1, 1945.

The three State alumni whose terms expired April 1 of this year were re-elected for eight years, and five other State men were elected to the body for terms expiring April 1, 1947. The State men who were re-elected are Harry P. Grier of Statesville, G. L. Lyster of Hickory, and former Governor O. Max Gardner of Shelby.

The following State men were included in the new trustees elected: M. C. Lassiter of Snow Hill; Representative Charles E. Park, Jr. of Raleigh; Representative W. E. Fenner of Rocky Mount; Representative Carl Rudisill of Cherryville, and Major L. P. McLendon of Greensboro.

na, Rocky Mount, Willard, and Oxford—for work in the field on the different soils and under the different climatic conditions of the State. They also obtain the assistance of individual farmers in experiment work.

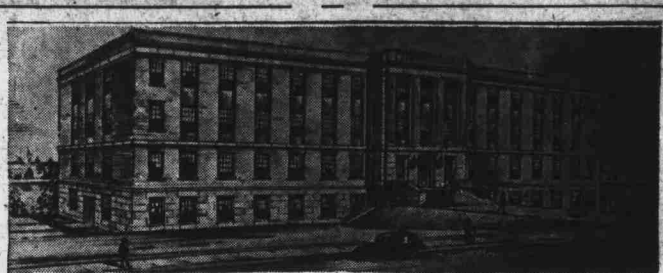
Better and more attractive farms and homes, higher crop yields, a better balanced system of farming, happier and healthier rural life, and more thinking and leadership are resulting from the State College program of agricultural education and research.

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and his  
**HELL DRIVERS**  
THE CRASH ROLL!  
THE STUNT THAT  
FIRST MADE  
LUCKY TETER FAMOUS!

SEE HIM CATAPULT A STOCK  
SEVEN ENGINE-DRIVEN  
SIDE-OVER-SIDE AT FULL SPEED  
WHILE REMAINING INSIDE OF CAR!  
18 - THRILLING EVENTS - 28

**N. C. STATE FAIR**  
RALEIGH  
WEDNESDAY **Oct. 11**  
AFTERNOON

# NEW HOME OF TEXTILE SCHOOL



Students in the School of Textiles will soon occupy their new home which is nearing completion. According to Dean Thomas Nelson, veteran head of the textile faculty, it will be the most modern plant of its kind in the nation. Machinery from the old textile building is being transferred into the new structure, and about \$40,000 worth of new equipment will be installed. Several systems of humidification will be used throughout the new building, and a special lighting system is being installed. The main research laboratory is insulated with cork to maintain even temperature and humidity.

# Extension Service Has 25th Birthday

### Ag Extension Covers Entire State in Widespread Educational Program

This past May the State College Agricultural Extension Service quietly observed its twenty-fifth birthday. Just a quarter of a century ago America's war-time President, Woodrow Wilson, affixed his signature to the Smith-Lever Act, providing for the creation of the Extension Service.

Work of the service goes on steadily in various county offices scattered from Manteo to Murphy. Dean I. O. Schaub, director of the service, remains a busy man, and very seldom does he take time out from his work. On the day of the anniversary of the service, he slipped out of his office for a few minutes to take part in a radio broadcast, but the remainder of the time he was in conference. Actually, farm demonstration work was being carried out in North Carolina at the time the Smith-Lever Act was signed by

Wilson. In fact, groundwork was laid in October, 1907, when C. R. Hudson, now State agent in charge of Negro extension work, came to this State from Alabama to start co-operative farm demonstration work. By 1914 he had an organization that reached into 32 of North Carolina's 100 counties.

The greatest shove given the work came, of course, with the passage of the Smith-Lever Act, which set the extension work on a nation-wide basis. All of the old farm and home demonstration work was assimilated under the new act.

The World War was one of the greatest factors in pushing the extension work to the forefront. Food for troops and a sufficiency of war materials made new demands on the farms of North Carolina and the nation. It was during this period that farm and home agents really proved their work in stimulating greater achievements among the people.

Today the Extension Service is responsible for 1,400 organized home demonstration clubs, with an enrollment of 36,000 farm women. Then, too, North Carolina has 46,000 rural boys and girls enrolled in 4-H club work, also a part of the extension program. Last year, through farm agents

in each of the 100 counties, and home agents in 82 counties, the extension program reached 256,139 of the State's 300,987 farm families. As a result, 76 per cent of these families adopted improved farm and home practices.

# HONOR SCHAUB

Additional honors came during this past year to Dean I. O. Schaub, head of the State College School of Agriculture, when he was chosen as the "Man of the Year" by the *Progressive Farmer* magazine.

The magazine, in announcing the honor, said of Dean Schaub: "He has taken a keen interest in the problems of soil-saving, live-at-home farming, and united family effort for better farm living during his entire service to North Carolina agriculture."

Last year Dean Schaub served in the three-fold capacity of Dean of the School of Agriculture, State director of Agricultural Extension, and as acting director of the North Carolina Experiment Station. He is a native born North Carolinian, and graduated from State in the Class of 1900, majoring in chemistry and agriculture. Following graduation, he went to John Hopkins for graduate work.

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