

January 19, 1954

Mr. Wayne Corpening
The Wachovia Bank and Trust Company
Winston-Salem, North Carolina

Dear Wayne:

Your enthusiastic letter about the Northwest North Carolina Development Association and their meetings on January 21 and January 28 make me feel like a heel in not being able to accept your invitation to join the groups. I thought it was clear to you that my commitment of long standing to speak to the North Carolina Dairy Products Association in Pinehurst on the 21st made it impossible for me to join your group here in Raleigh.

It is just about as impossible for me to go to Elkin on the 28th because of having accepted an invitation to a banquet here that night and because of a very busy schedule all day Friday, January 29th. I am greatly honored that you would like very, very much to have me be present at this meeting but I must reluctantly decline. I hope that you will not consider this to be any indication of lack of interest in plans being made by this Association.

I shall send you a statement by the end of the week which I hope will be of some value to you. Please do not hold my inability to come on the 28th against me. With best wishes,

Sincerely yours,

Carey H. Bostian
Chancellor

CHB:H

ASHEVILLE

CHARLOTTE

HIGH POINT



RALEIGH

SALISBURY

WINSTON-SALEM

WINSTON-SALEM 1, N. C.

January 15, 1954

Dr. Cary Bostian, Chancellor
North Carolina State College
State College Station
Raleigh, N. C.

Dear Dr. Bostian:

Sure was glad to get to talk to you over the telephone yesterday. Since you have to be Football Coach and everything else at the College, I am sure you are a busy man. In fact, I don't see how you get done all that you do.

In regard to the Northwest North Carolina Development Association, which I was referring to over the telephone, this is an organization comprised of the counties of Alleghany, Ashe, Davie, Forsyth, Stokes, Surry, Watauga, Wilkes and Yadkin, organized for the purpose of through regional participation to promote the industrial, agricultural, and recreational welfare of Northwest North Carolina. It is divided into four divisions, namely Agricultural, Industry, Recreation and Travel, and Community Development, so you can see that it is a broad program. We are hoping you will be able to meet with us on the 21st around 11:00 A.M. when about 25 of the members of this group plan to come to Raleigh and meet in the Board Room of the Department of Conservation and Development. Governor Umstead plans to meet with us, also Mr. Douglas, Director of the Board of Conservation and Development and his group, Commissioner Ballentine and part of his group. After talking with you I talked with Lex Ray yesterday afternoon, and he said if it was your desire, he would do his best to be there to represent you and State College. I have discussed this with some of the specialists, and etc. over in the Agricultural Department, and they plan to be present. The statement I was referring to in regard to this organization was for a brochure that we are going to make for the kick-off meeting which will be held at Elkin at the Y.M.C.A. on Thursday, January 28th. We would like to have something from you, stating what you think an organization such as this could mean to this particular area. We are getting statements from the Governor, Mr. Douglas, the Commissioner of Agriculture, and others.

We plan to have around 300 leaders from Northwest North Carolina to attend the meeting at Elkin on January 28th, starting at 6:30 P.M., and we would like very, very much to have you present at this meeting, if possible. If you could fly up in the afternoon, which there are flights coming in the afternoon late, we would be glad to pick you up, take you up to the meeting, and we would like to have you spend the night with us - in fact, Mabel and I would like for you to spend the night with us, or if necessary, we could

SHEET No. 2

Dr. Cary Bostian
Raleigh, N. C.

get you back to Raleigh that night or early the next morning. In other words, we hope to have all the leaders in Northwest North Carolina from agricultural, business, etc. at this meeting, and that is the reason that I, especially, am so interested in having you present, so that if you could take about five minutes and just say what State College is doing and what everyone working together can do to promote not only this area, but North Carolina. This would be in addition to what would be in the brochure. We would appreciate getting a statement for the brochure in the next five or six days if at all possible.

Thanking you again for everything.

Very truly yours,


W. A. Corpening

WAC:mn

March 31, 1954

Mr. Jimmy Chambers, Director
Parks and Recreation
Raleigh, North Carolina

Dear Mr. Chambers:

Several weeks ago you wrote me concerning the possibility that North Carolina State College might furnish seed and fertilizer for the area immediately east of our campus and north of the Armory. I regret that it has taken us so long to respond to this suggestion. We have given it very careful consideration, hoping that we might find a way we could give you an affirmative answer. We appreciate very much the improvement your department has made in this area and I personally am very grateful because it lies between my home and Holladay Hall.

Reluctantly Mr. Vann and I have concluded that so long as we have acres of new campus which have not been graded, seeded and landscaped because of insufficient funds, we cannot justify expenditures for property which is not our own. This does not mean that in another year or so we might not be able to furnish direct assistance. We have not been successful in getting sufficient funds for these new areas of our own campus. Efforts to obtain additional funds would be very seriously prejudiced if it became known that we were assisting with an area belonging to the City of Raleigh.

Not only because we have contiguous areas but because of our interest in the appearance of all parts of Raleigh, we commend you for the improvements you are making in Pullen Park and in other parts of the city. I hope that you will find a way to maintain the present attractive appearance of the particular area near the Armory.

Very sincerely yours,

Carey H. Bostian
Chancellor

CHB:H

cc: Mr. W. H. Carper
Mr. Fred B. Wheeler

North Carolina State College of Agriculture and Engineering
of the
University of North Carolina
Raleigh

OFFICE OF
J. G. VANN, ASSISTANT CONTROLLER
AND BUSINESS MANAGER

March 23, 1954

MEMORANDUM

TO: Chancellor C. H. Bostian

FROM: J. G. Vann

I return to you herewith the letter from Jimmy Chambers, Director of Parks and Recreation for the City, which you sent me last week for comment and return.

There are several comments that I would like to make on this proposal; certainly the first one would be one of commendation on the interest and the improvement that Chambers has made in this particular area. I am sure everybody is in agreement on that. Notwithstanding the splendid improvement, however, and its indirect reflection on the appearance of the campus in this area, I am afraid that I have to say that until we have enough money (which we definitely do not) to cover more attractively great areas of red clay on our campus proper and otherwise beautify various unattractive spots, I do not feel that we can go beyond our campus limits on a project of this kind, notwithstanding our interest in seeing it done.

Still another comment that I might make which, I am sure, is not entirely a commendable one on my part and certainly one that Chambers in the Parks and Recreation Department of the City cannot be held accountable for has to do with the tardiness of the City in doing anything on our agreement at the time Tucker Drive was extended by the College and the Highway Department to Western Boulevard. The Highway Commission certainly fulfilled its part of that agreement fully. The College paid \$1,000 cash for a right-of-way across a little strip of the Catholic Orphanage property and gave it to the City in order that the fill might be built, and we bought the culverts necessary under the fill for Rocky Branch and built the fill, all in accordance with our agreement. The City did furnish the equipment and put our pipe into place in order to form this culvert under the fill, but it has done nothing more in the direction of surfacing and getting this road into proper condition as it was understood they would do. In view of this, it might be that we would be justified in saying that we think we have done more than our part in cooperative efforts with the City.

My third comment, probably, is the real and most important one and it is that technically I know we cannot justify spending money directly or indirectly in the beautification or any other like project on property not our own. I am quite certain that, if we were to go to the Budget Bureau to ask authority for such expenditure, we would not get it and, indeed, if they happened to find that we had spent any funds from our general Maintenance budget in such a project, they would be entirely justified in calling us on it.

Chancellor C. H. Bostian
Page 2
March 23, 1954

I am sure these constitute more comments than you had in mind.

JGV:ja
Enclosure

North Carolina State College of Agriculture and Engineering
of the
University of North Carolina
Raleigh

OFFICE OF
J. G. VANN, ASSISTANT CONTROLLER
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Chancellor C. H. Bostian
Page 2
March 23, 1954

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JGV:ja
Enclosure

NORTH CAROLINA STATE COLLEGE

OFFICE OF THE CHANCELLOR

To:

Mr. Vann

CHB
3/16/54

ATTACHED PAPERS

- Please note and return
- For your records
- Please handle
- Note opinion and return
- Needs your signature
- Please give me all data
- Please approve
- Please answer and send me copy of your reply
- Please give me your recommendations
- Please make suggestions



OFFICE OF
DIRECTOR OF RECREATION
AND PARKS

CITY OF RALEIGH
NORTH CAROLINA

March 12, 1954

Chancellor C. H. Bostian
N. C. State College
Raleigh, N. C.

Dear Sir:

After having two conferences with you this past winter in regards to our beautification program by the City of Raleigh in Pullen Park, we are positive that you know of our undertaking of the lawn project in front of the Armory. We have spent a good deal of money in bringing this tract of land from the deplorable condition it was in back to the condition that now exists.

To be able to keep this park area in the condition that we want to, it will require a good deal of work and planning year after year. Since we will furnish all of the maintenance from our park budget and since this undertaking has had a great deal to do with the beautification of your campus, we are wondering if you would like to furnish the grass seed and fertilizer each year for this project. The materials mentioned will be a very small cost to your college but will help in a big way to make your campus more beautiful.

I will appreciate an early reply about this request.

Sincerely,


Jimmy Chambers, Director
Parks and Recreation

jmc:c
CC: Mr. W. H. Carper
Mr. Fred B. Wheeler



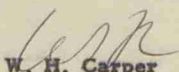
CITY OF RALEIGH

NORTH CAROLINA
April 29, 1954

MEMORANDUM

TO: Director of Parks & Recreation
CC: Dr. Carey H. Bostian
FROM: City Manager

I have received a letter from Dr. Bostian of State College and I noted that he had sent you a copy too, concerning some type of treatment on the driveway around the Armory. Since this is not an established city street, but falls within the park area, I suggest that you consider the matter and contact the Public Works Department if you feel that they can be of some help in this problem. I don't know that this street has ever been treated before, however, if you will look into it and do what you can to assist in correcting the situation, it will be appreciated.


W. H. Carper

COPY

April 27, 1954

Mr. W. H. Carper, City Manager
City Hall
Raleigh, North Carolina

Dear Mr. Carper:

I am writing about the condition of the road leading to the Armory in Pullen Park and lying immediately to the west of the ground where my residence is located. I shall be very grateful to you if a way can be found to treat this road with oil or by some means to reduce the dust which is produced by traffic using it.

Last summer and fall conditions were unusually dry and we thought that the great amount of dust from the road might be an unusual condition. Already this year, however, so much dust is coming from the road that we are finding it unpleasant and unsatisfactory to use the side porch nearest the road. We suspect that completion of the new baseball field in the near future will increase the traffic using this road. I do not believe that closing this road could be justified but do hope that something can be done to prevent so much dust by the traffic which uses it.

May I again commend you for the attractive appearance of the area of Pullen Park between our residence and the College campus. I wish that it will become possible in the future for us to assist in the maintenance of this area.

Sincerely yours,

Carey H. Bostian
Chancellor

CHB:H

cc: Mayor Fred B. Wheeler
Mr. Jimmy Chambers

May 3, 1954

Mr. Charles B. Carney
Weather Bureau
Raleigh-Durham Airport
Raleigh, North Carolina

Dear Mr. Carney:

I appreciate your letter concerning the departure of your office to the Raleigh-Durham Airport. We regret very much that circumstances have developed which made this move necessary. The location of your office on our campus has been of great value to several departments and we shall not find continued cooperation as convenient. We do look forward, however, to the availability of your Library and research room to our staff and students.

I am also glad to know that you are being retained as Collaborator in Experimental Statistics.

Sincerely yours,

Carey H. Bostian
Chancellor

CHB:H

UNITED STATES DEPARTMENT OF COMMERCE
WEATHER BUREAU

Raleigh, North Carolina

April 28, 1954

Dr. C. H. Bostian
Chancellor
North Carolina State College
Raleigh, N. C.

Dear Dr. Bostian:

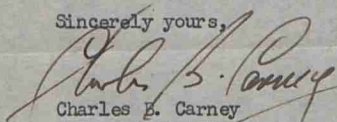
As we are moving our office from the campus to our new building at the Raleigh-Durham Airport on May 3, I want to express the appreciation of the Weather Bureau and myself for the many kindnesses and courtesies shown us while our office has been at State College. Our stay here has been most pleasant and we regret the necessity of leaving.

While we are moving from the campus, we wish to continue working with the College in every possible way and we hope that all departments will call on us at any time we can be of assistance in providing forecasts or climatological data.

A climatological library and research room has been included in our new building at the airport and it will be available for use by State College faculty and students at all times.

Mr. Rigney has informed me that I will be retained on the faculty as Collaborator in Experimental Statistics. I appreciate this courtesy.

Sincerely yours,



Charles E. Carney
Meteorologist in Charge



CHINA INSTITUTE IN AMERICA

INCORPORATED UNDER THE UNIVERSITY OF THE STATE OF NEW YORK

NATIONAL HEADQUARTERS: CHINA HOUSE

125 EAST 65TH STREET, NEW YORK 21, N. Y. • RHINELANDER 4-8181

October 8, 1954

Chancellor John W. Harrelson
State College of Agriculture & Engineering
Raleigh, N. C.

Dear Chancellor Harrelson:

We are writing to you again asking for your assistance, and we would greatly appreciate it if you would turn this letter over to the proper person who could supply us with the names of any Chinese who may be on the staff of your institution.

Each year China Institute compiles a directory of Chinese members of American college and university faculties, and your assistance in making this project as complete as possible would be greatly appreciated. A mimeographed blank is inclosed for your convenience.

Thank you again for your cooperation.

Sincerely yours,

Keh-Ching Chen
Director

Student and Specialist Program

KCC:vt
Inclosure

NORTH CAROLINA STATE COLLEGE OF AGRICULTURE AND ENGINEERING

OF THE
UNIVERSITY OF NORTH CAROLINA
RALEIGH, N. C.

SCHOOL OF
ENGINEERING

DEPARTMENT OF
MECHANICAL ENGINEERING

October 15, 1954



Dean J. H. Lampe
Riddick Building
Campus

Dear Dean Lampe:

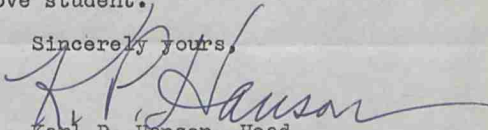
Re: Shao-lin Lee

This is in reply to your request for information on the above graduate student, Shao-lin Lee, who has the official title of Graduate Assistant in Mechanical Engineering. He received the degree of Bachelor of Science in Engineering from National Taiwan University in July 1952.

His hours of work with the department for his graduate assistantship are from 1:00 to 5:00 p.m. Monday through Friday, and his duties consist of checking Thermodynamics homework problems and keeping records of such homework for Professors V. M. Faires and J. S. Doolittle, and, in addition, checking homework problems in Power Plants for Professor J. F. Lee. Any additional time which he has is used in filing NACA research reports and technical papers, maintaining an index file of these papers for Professors J. S. Doolittle and J. F. Lee.

I hope that this is the information which you desire pertaining to the above student.

Sincerely yours,


Karl P. Hanson, Head
Mechanical Engineering Dept.

KPH/la

Information on Wan Yong Chon

Name: Wan Yong Chon

Official Title: Technical Assistant

Duties: Will participate in the research project sponsored by Carbide & Carbon Chemicals Company involving the use of the nuclear reactor.
(no teaching duties)

Degrees: B. S. - College of Engineering, Seoul National University, Seoul, Korea, May 1950

M.S. - College of Engineering, Seoul National University, Seoul, Korea, April 1952

Summer project - Massachusetts Institute of Technology, June-September 1954.

10/14/54

HENRY K. C. WOO

Research Instructor, Textile Research, B.S. in Textiles

December 8, 1954

Dr. George T. W. Fong, Secretary General
Chinese Association for the Advancement of Science
59 Kuan Chien Road
Taipei (Taiwan)
Formosa, China

Dear Dr. Fong:

The only scholarships and fellowships offered by North Carolina State College for which students from Taiwan would be eligible are research assistantships requiring half-time duty. Recipients of such fellowships must first of all be admitted to our graduate school and must be studying in departments which have vacancies in these research fellowships.

Information about research fellowships can be obtained from Dr. D. E. Anderson, Dean of the Graduate School.

Sincerely yours,

Carey H. Bostian
Chancellor

CHB:H



中華科學協進會

CHINESE ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

October 1, 1954

中華民國 臺灣省
台北市館前路五十九號

59 KUAN CHIEN ROAD, TAIPEI, (TAIWAN)
FORMOSA CHINA

IN YOUR REPLY, PLEASE REFER TO:
EN REpondANT, VEUILLEZ RAPPELER:
NO.

The President
State College of Agriculture and Engineering
Raleigh, N. C.
U. S. A.

Dear Sirs:

With the conviction that the broadening and deepening of man's mind and view is the only solution that can be ever found to make this world more habitable, I wish to take the liberty in writing this letter to you.

Education brings with it enlightenment. But no one is so gifted that he can master the entire realm of knowledge; nor so dull that he will miss it wholly. Rather, each has a part in adding a little to our knowledge of Nature and from all what man gathered there arises the grandeur of our civilization.

Each year there are thousands of students enrolled in the colleges of Taiwan and hundreds more graduated thereof. Only a few are privileged to pursue their higher studies in the prominent institutions like yours. Still few, perhaps, are really gifted ones who are fortunate enough to be granted with such endowment.

In view of this I am endeavoring to seek informations on the scholarships and fellowships offered by the research institutions and colleges overseas for students in Taiwan, particularly for those promising ones so that they might be properly guided to make application with the right channel and in due course. This, I hope, may greatly benefit not only our country, perhaps eventually to the benefit of the world at large.

If you will be so kind as to furnish us some informations on scholarships granted by your school and to advise us the possibility of extending some more to the students of Free China, I shall be very much indebted to you.

I should think that no information will be more interesting to our public than the one just mentioned. In this respect, I look forward to your kind advice at an early date.

Sincerely yours,

CHINESE ASSOCIATION
FOR THE ADVANCEMENT OF SCIENCE

Geo. T. W. Fong

Secretary General

Geo. T. W. Fong



TWF:js

November 9, 1954

Mr. Lester Rose, General Manager
Raleigh Chamber of Commerce
Raleigh, North Carolina

Dear Lester:

I shall consider it a real favor if you and all members of your staff will omit the "Dr." from my name in records of minutes of meetings which I attend. I greatly desire to be referred to without any title.

I may be a Doctor of Genetics but I am a sub-freshman in matters of significance to the Chamber of Commerce.

Sincerely yours,

Carey H. Bostian
Chancellor

CHB:H

MINUTES OF THE MEETING OF THE 1955 BOARD OF DIRECTORS OF THE
RALEIGH CHAMBER OF COMMERCE
TUESDAY, NOVEMBER 2, 1954

The 1955 Board of Directors of the Raleigh Chamber of Commerce met in the Directors Room of the Chamber Tuesday, November 2, 1954 at 5:15 P. M. The following members were present:

Hayes M. White	L. N. Hutchinson, Jr.	Lester Rose
Dr. Carey H. Bostian	J. Melville Broughton, Jr.	Arthur E. Buddenhagen
C. H. Campbell	Chreston Holoman	Hubert F. Ledford
George A. Moore, Jr.	William L. Wyatt, Jr.	W. H. Carper
R. Lee Covington	C. A. Dillon, Jr.	J. Gregory Poole
C. Lupton Thomson	W. H. Trentman	

Members absent included the following:

S. Linton Smith	R. Mayne Albright	D. J. Jones
Jack Morgan	Dan Stewart	W. W. Balentine
Dr. Earl W. Brian	James K. Dorsett, Jr.	Ben F. Park
M. B. Thomas	Travis Tomlinson	

Presiding Officer: Hayes M. White, President
Secretary: Lester Rose, General Manager

President White called the meeting to order and states that only one item of business was to be handled at this meeting, same being the election of three members of the Board by the Board to serve on the Executive Committee with the president, immediate past president, vice president and treasurer. He stated that nominations would be made from the floor and that if more than three men were nominated a secret ballot would be held. He then called for nominations.

Nominations were made as follows:


Hubert F. Ledford - Nominated by George A. Moore, Jr.
C. H. Campbell - Nominated by W. H. Trentman
William L. Wyatt, Jr. - Nominated by Chreston Holoman
George A. Moore, Jr. - Nominated by W. H. Carper

A motion was made by C. A. Dillon, Jr., seconded by Lee Covington, that the nominations be closed and the motion carried by unanimous vote.

President White then ordered a secret ballot to be held and appointed Arthur Buddenhagen and C. A. Dillon, Jr., as tellers. The tellers turned in their report and Hubert Ledford, C. H. Campbell and William L. Wyatt, Jr., received the majority votes and were thereby elected to serve as members of the Executive Committee.

There being no further business the meeting adjourned.

Respectfully submitted,


Lester Rose, General Manager
RALEIGH CHAMBER OF COMMERCE

October 8, 1954

Mr. Lester Rose, General Manager
Raleigh Chamber of Commerce
Raleigh, North Carolina

Dear Mr. Rose:

I sincerely regret that I had not had more experience as a member of the Raleigh Chamber of Commerce before being elected a Director. Nevertheless, I shall try to learn as rapidly as possible and be of some value to the Chamber during the next two years.

I shall look forward to the meeting next Thursday.

Sincerely yours,

Carey H. Bostian
Chancellor

CHB:H

W. HAL TRENTMAN
PRESIDENT

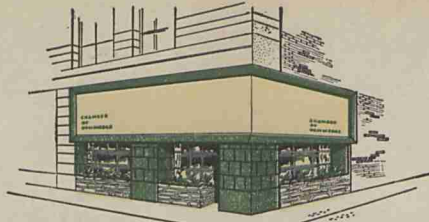
GEORGE Y. RAGSDALE
VICE PRESIDENT

EDWIN A. CLEMENT
IMMEDIATE PAST PRESIDENT

JOHN A. WILLIAMS, JR.
TREASURER

LESTER ROSE
GENERAL MANAGER

JOHN R. DRUMMY, MANAGER
INDUSTRIAL DEPARTMENT



Raleigh Chamber of Commerce

RALEIGH, NORTH CAROLINA

October 7, 1954

Dr. Carey H. Bostian, Chancellor
N. C. State College
Raleigh, North Carolina

Dear Dr. Bostian:

Congratulations! You were today elected a director of the Chamber to serve for a two-year term beginning January 1, 1955.

Considering the fact that the Chamber has 1510 members and that you were selected as one of 48 members to participate in the election and that you were one of the 12 to receive the largest number of votes is, in my opinion, an honor and I hope you will consider it as such.

I am delighted to welcome you as a member of the Board for I know that you are going to render a valuable service to the Chamber during your two-year term.

The Board of Directors will have a luncheon meeting next Thursday, October 14 at 1 P. M. in the Ballroom of the Carolina Hotel at which time officers to serve the Chamber next year will be elected. This is a very important meeting and I hope that you will make your plans to attend.

With warm personal regards, I am

Sincerely,

General Manager

D

[Charlotte College]

August 17, 1954

Mr. W. A. Kennedy
Box 3095
Charlotte 3, North Carolina

Dear Mr. Kennedy:

I appreciate your kindness in sending me a copy of the briefs which were presented to the Advisory Budget Commission a few weeks ago. Previously, Colonel Harrelson had allowed me to see the copy you had sent to him. Having a copy for myself has given me the chance to examine it more carefully.

I concur fully in your opinion that Charlotte needs a technical institute. From my understanding of the difficulties we have had with the Gaston Technical Institute, I believe you will have more difficulty getting students enrolled than you will have in getting financial support for the endeavor. I shall be greatly surprised if the Advisory Budget Commission provides any financial support before July 1, 1955. Actually, I doubt that they have any legal authority for making funds available without legislative authority. I do believe that the Charlotte Technical Institute should be operated with some degree of relationship with our School of Engineering. Dean Lampe is sympathetic and will cooperate with you in developing a program.

Last week I had a conference with the Executive Secretary of the North Carolina Commission on Higher Education. I stated to him that the Charlotte area does need a state supported college. I believe that the state should provide a college for your area before continuing to expand some of the colleges already in existence. I think the Commission on Higher Education is giving serious consideration to this matter.

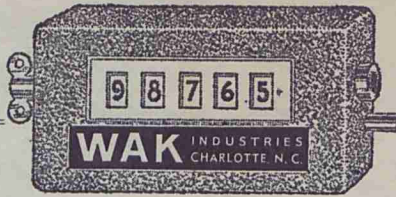
I appreciate your words of confidence and good wishes. I look forward to becoming acquainted with you and to lending what support is within my power for the enterprises you are promoting.

Sincerely yours,

Carey H. Bostian
Chancellor

CHB:s

RESET NON-RESET
SINGLE—DOUBLE—TRIPLE
PICK COUNTERS
HANK CLOCKS
YARDAGE COUNTERS
TWISTER COUNTERS



RESET NON-RESET
HOSIERY COUNTERS
INSPECTION TABLE COUNTERS
RATCHET COUNTERS
SEWING MACHINE COUNTERS
SPECIAL COUNTERS

W. A. KENNEDY
PRESIDENT

P. O. BOX 3095
CHARLOTTE 3, N. C.

August 9th, 1954

Dr. Carey H. Bostian, Chancellor
North Carolina State College
Raleigh, North Carolina

Dear Doctor Bostian:

Our mutual friend, John Paul Lucas, Jr., has advised me of your interest in Technical Institutes, especially our efforts here in Charlotte. That I appreciate a great deal. First, let me say that I am extremely sorry that I have not yet had the opportunity of meeting and talking with you personally, as I am a graduate of State College Class of 1916.

I am sending you one of our rather comprehensive briefs, prepared for the visit of the State Advisory Commission a few weeks ago. This brief outlines our requests for both the Technical Institute and Charlotte College. I do hope that you will find the time and opportunity to look over this brief and advise us of your reactions. A somewhat similar letter to this one, along with the brief, was sent to Dr. Gray a few weeks ago. However, his office wrote me that Dr. Gray was on vacation until the middle of August.

TECHNICAL INSTITUTE.

The need for a technical institute here in Charlotte is quite well covered in statements made by Walter Seeley and Colonel Harrelson on page five of the brief. Colonel Harrelson is the prominent man mentioned on page five as his remarks were in a personal letter to me and at that time I had not secured his permission for a direct quote. It has since been obtained.

The remarks made by Henry J. Taylor at the bottom of page five are also quite informative and interesting.

I could ramble on in this letter for many pages. However, I believe that Dr. L. L. Jarvie, Executive Dean of the State University of New York, has put my thoughts into words far better than I can do it. Dr. Jarvie says

"OVER 600 MILLS USE WAK COUNTERS"
"The technical institute can't be stopped, and it must not be stopped! We've got to find the means of interpreting and guiding it. In a meeting the other day the Board of Trustees of my university said that the technical institute was the most important thing that had to be developed in the next 15 years in higher education. We've got to be

"YOU CAN COUNT ON WAK COUNTERS"

flexible -- we've got to dream. We must make no apologies for the fact that we are off the pattern of the four-year program. We are in a new pattern. It is a program of two years, packaging a series of experiences and saying, 'This is Terminal.' This program is not concerned with what has gone before; it has no tradition; it has intestinal fortitude enough to change. It is not the junior-college type of program; it is not the thirteenth or fourteenth years of high school; it is not the taking of the lower division of some university or some engineering college and with a pair of scissors snipping off the lower division, putting it into a catalogue, and mailing it out. It is a program created to meet the needs of youth and the needs of society."

I know full well that we will have difficulty in securing the enrollment we want. Mr. C. C. Dawson, Chairman of the Board of the Gaston Technical Institute and a life-long friend of mine, has told me of their difficulty. Mr. L. V. Johnson, Director of Southern Technical Institute, Chamblee, Georgia, has also told me of their difficulty.

Many young people need this training as Dr. Seeley so well points out, however they will have to be sold on the idea.

Here in Charlotte I think that we will be handicapped, as it is now our plan to start in the three major fields of mechanical, electrical and construction this fall. Both our equipment and finances are not what they should be, on the other hand somewhat of a national emergency has arisen. Just a few days ago Mr. Seldon Smith of the Douglas Aircraft Corporation of California was in Charlotte and had a long talk with Dr. Garinger and other civic leaders. Mr. Smith told Dr. Garinger that they would like for our Technical Institute to train from 300 to 500 technicians for them the first year. He says they will have to bring in many technicians from California because we do not have these trained men here.

So much for the Technical Institute. Our request for State Support for Charlotte College is also in the brief. Every statement made has been well authenticated.

Charlotte itself does not particularly need a state supported college, that is so far as a state supported college would affect our material and economic well being, but if you will take another moment or two to glance at page thirteen of our brief, you will note that the young men and young women who finish high school in the Piedmont Area have been placed at a considerable disadvantage by "our planners and the legislature".

It has been several years now since I have had an opportunity of studying enrollment at Chapel Hill, at State, Eastern Carolina and other state supported colleges. However, the last time I studied these figures, I was amazed to find that almost three times as many high school graduates in certain favored counties went off to college as compared with the 25% average in this section. Certainly the State of North Carolina does a great disservice to the young men and young women of the Piedmont when they fail to supply us with a State Supported College. Personally I think that we have fine college set-ups at Chapel Hill, At Raleigh, at Greenville and other places

but if these colleges were the very best in the world, they would not serve many hundreds of the young people in this section, as on account of economic conditions they simply cannot go off to a boarding institution. Here at Charlotte College 70% of the students work full time or part time.

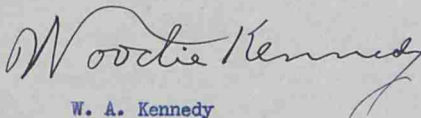
I am also sending you a Duke Power Company ad which I clipped over the week-end. If Piedmont Town happened to be the City of Charlotte, there would be a population of two and one half million people in an eighty-five mile radius. Now here is the tragic part, within that eighty-five mile radius, having a population of two and one half million, there is so far as I know only one state supported college - that being Winthrop at Rock Hill, South Carolina.

You are one of the educational leaders of our state. I do hope that you will assist us in our program. The entire state will benefit if this program succeeds. On the other hand the State will suffer a great loss if we do not meet with success. In my opinion this program should have been started at least twenty-five years ago.

I have written you at some length because the subject itself is of tremendous importance.

With best wishes for your continued success, I remain

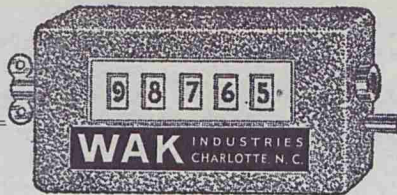
Sincerely yours,

A handwritten signature in cursive script that reads "Woodie Kennedy". The signature is written in dark ink and is positioned above the typed name.

W. A. Kennedy

WAK:e

RESET -NON-RESET
SINGLE-DOUBLE-TRIPLE
PICK COUNTERS
HANK CLOCKS
YARDAGE COUNTERS
TWISTER COUNTERS



RESET NON-RESET
HOSIERY COUNTERS
INSPECTION TABLE COUNTERS
RATCHET COUNTERS
SEWING MACHINE COUNTERS
SPECIAL COUNTERS

W. A. KENNEDY
PRESIDENT

P. O. BOX 3095
CHARLOTTE 3, N. C.

September 17, 1954

[Charlotte College]

Chancellor C. H. Bostian
N. C. State College
Raleigh, North Carolina

Dear Dr. Bostian:

I am sorry that you were unable to be with us at the recent hearing of the Budget Commission concerning the Charlotte Community College request for an appropriation for the next biennium.

I am enclosing a letter from Sheldon P. Smith of Douglas Aircraft Company indicating their emergency need for trained technicians in connection with their guided missile project which will be conducted here in Charlotte.

I appreciate the opportunity to talk with you and I wish to thank you for your support and interest in our new Technical Institute.

Sincerely yours,

W. A. Kennedy

W. A. Kennedy

WAK:jd

Enclosure

"OVER
600 MILLS
USE
W A K
COUNTERS"

"YOU CAN COUNT ON WAK COUNTERS"

DOUGLAS AIRCRAFT COMPANY, INC.
Santa Monica Division
Santa Monica, California

August 17, 1954

Miss Bonnie E. Cone, Director
Charlotte College
1141 Elizabeth Avenue
Charlotte 4, North Carolina

Dear Miss Cone:

During my recent visit to Charlotte I was highly impressed with your city's general progressive spirit. It is very encouraging to an entirely new type of industry coming into a community to observe this forward looking quality.

The cooperative attitude of the schools as expressed by yourself, Dr. Garinger, and Mr. Dunlap in teaching and training your young people is most appealing, not only to our company, but to me as an individual with two small children.

I wish to confirm and re-emphasize our recent conversation. The Douglas operation at the old Quartermaster Depot will be the manufacture of Nike guided missiles. The greatest percentage of the production work will entail precision machine shop operations which require skilled personnel. As it is the policy of the Douglas Aircraft Company to keep its employment activities free from any disruptive practices, we shall seek to fill job openings, as they develop, with people who are established residents of your community and who apply to us for work. My conversations with community leaders in Charlotte and my contacts with machine shops in that area have convinced me that to meet our needs for skilled employees, a thorough training program for your local young men in machine shop practice, machine operations and the machinist trades will be needed. Also, I think that additional training to develop leadmen and supervisors will be required. We realize that the public schools cannot train specifically for any one company and, of course, we do not expect this. On the other hand the preparation of young men to be capable of filling certain positions in life is the responsibility of the schools.

The Douglas Company does not intend to hire rapidly in Charlotte but rather employ people as we can assimilate them in a conservative manner. We will be looking to the graduates both of the high schools and Charlotte College as an excellent source of personnel to fill the various positions.

In closing, I would again like to express the critical need for skilled machinists in this new field of precision machine work as related to the mass production of guided missiles.

Sincerely yours,

Sheldon P. Smith

CHARLOTTE COLLEGE REQUESTS
to the
BUDGET COMMISSION

EMERGENCY REQUEST

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This report was prepared by the Education Committee of the Charlotte Chamber of Commerce in collaboration with members of the Charlotte College Advisory Board, the Board of School Commissioners of the City of Charlotte, and the Education Committee of the Charlotte Engineers Club.

Population figures used in this report were taken from Sales Management, May 10, 1954, and college statistics came from College Guide by Clarence E. Lovejoy. Additional information and data were issued by the North Carolina Department of Public Instruction in Publication No. 285, 1952, "Community College Study."

EMERGENCY REQUEST

To The Honorable
North Carolina Advisory Budget Commission
Raleigh, North Carolina

Gentlemen:

Charlotte College is now planning to start a Technical Institute in the fall of 1954. This is made possible by a recently voted 2¢ local tax levy.

WE HAVE

(on hand or in sight)

Adequate classrooms, lecture halls, auditoriums, etc. (on temporary basis, night only) for approximately 1,000 students.	\$ 2,000,000.00
In process of being built, a heavy machine shop of 4,500 sq. ft.	27,000.00
A miscellaneous amount of machine tools and electrical machines.	25,000.00
Budgeted from our tax supplement to pay for director and instructors.	34,000.00
Budgeted for purchase of machine and hand tools and mechanical drawing tables, etc.	22,350.00

WE NEED

Immediately, in order to purchase equipment for the fall of 1954 and urgently request of your Commission	86,950.00
--	-----------

Endorsed and approved by:

EDUCATIONAL COMMITTEE OF
CHARLOTTE CHAMBER OF COMMERCE

C. W. (Pat) Gilchrest, Pres.

Hoyt Galvin, General Chairman

W. A. Kennedy, Co-Chairman

Edgar Terrell, Jr., Co-Chairman

EDUCATIONAL COMMITTEE OF
CHARLOTTE ENGINEERS CLUB

Glen Coan, President

Russell Ranson, Chairman

Recommended and respectfully requested,

CHARLOTTE COLLEGE ADVISORY BOARD

J. Murray Atkins, Chairman

BOARD OF SCHOOL COMMISSIONERS

Herbert Spaugh, Chairman

EMERGENCY REQUEST

WHAT IS THE PURPOSE OF A TECHNICAL INSTITUTE?

WHAT IS AN ENGINEERING TECHNICIAN?

WHAT IS THE NEED FOR ENGINEERING TECHNICIANS?

The purpose of a technical institute is to train men as supervising, operating, maintenance, or sales engineers in various industrial fields. The technician, who is neither a designer nor a skilled mechanic, translates designs into action by coordinating men, materials, and machines.

According to the 1953 Directory of Technical Institutes, approved by the National Council of Technical Schools:

"The increasing complexity of our industrial processes and the great expansion in industrial research and development work have created during the past 10 years a relatively new occupational group of specialists known as ENGINEERING TECHNICIANS, who work with professional engineers and scientists, or who assume independent responsibility in the production, installation, operation, and maintenance of complex technical apparatus.

These Engineering Technicians are important and essential members of an engineering team in research and production planning, and in designing, constructing, and maintaining the materials and machines of our mass production economy.

Much has been publicized concerning the present shortage of engineers, but compared with the shortage of Engineering Technicians, the shortage of engineers is a trifle. It is estimated that industry can readily absorb at least five times as many Engineering Technicians as are presently being trained in the Technical Institutes in America today."¹

¹ Directory of Technical Institutes approved by the National Council of Technical Schools, 1953.

SUGGESTED PROGRAMS FOR THE TECHNICAL INSTITUTE

Mr. L. V. Johnson, Director of the Southern Technical Institute, Chamblee, Georgia, has visited the Charlotte College layout. He has consulted with many persons in Charlotte who are vitally interested in the project. He is well qualified to serve as consultant in this matter, as he has helped to develop Southern Technical Institute and knows the problems involved and how to overcome them.

Mr. Johnson recommends the following seven major fields of Technology for the proposed technical institute at Charlotte:

- Building Construction Technology
- Civil Technology
- Electrical Technology (Power)
- Electronic and Radio Technology
- Heating and Air Conditioning Technology
- Industrial Technology
- Mechanical Technology

He says that the cost of equipment for the seven fields would be \$277,180.00.

Mr. Johnson states, however, that considering the equipment we have on hand and the amount we have budgeted to buy additional equipment, we will need only \$36,950.00 to equip completely the three major fields of Mechanical, Electrical, and Construction Technology.

Mr. Johnson's complete figures are given on the next page.

COST OF EQUIPPING CERTAIN LABORATORIES AND SHOPS AT
SOUTHERN TECHNICAL INSTITUTE, CHAMBLEE, GEORGIA

<u>Type of Space</u>	<u>Equipment Value Including Laboratory and Shop Furniture</u>
Laboratories	
Drawing	\$ 12,000.00
Electrical	106,000.00
Gas Fuel	16,000.00
Heating & Air Conditioning	12,500.00
Strength of Materials	1,680.00
Shop - Technical	
General Metal	10,000.00
Machine	85,000.00
Sheet Metal	12,000.00
Welding	10,500.00
Woodworking	11,500.00
Total	\$ 277,180.00

WHY SHOULD NORTH CAROLINASPEND MONEY ON A TECHNICAL INSTITUTE?

At the January meeting of North Carolina Society of Engineers in Raleigh, both Governor Umstead and Mr. Ben Douglas stressed the need for new industries and new taxpayers in North Carolina. A well developed Technical Institute located in Charlotte will train hundreds of men, and these men will attract diversified industries. These industries will pay good wages and help relieve our tax burden. Money appropriated for the Technical Institute will be returned many times over.

Walter J. Seeley, Dean of the College of Engineering of Duke University, said:

"There are many boys with technical ability but without engineering aptitudes who attempt engineering in college and eventually fail. They have little to show for the time and money spent and feel that they are failures. A technical institute would prevent such failures by making use of this technical ability, and the boys would be trained for dignified and useful careers in industry. This is important and could be a factor in reducing early failures in college. I certainly endorse this effort to establish a Technical Institute in Charlotte and hope that it can be put into operation at an early date."

One of the most prominent and best known men in the southern engineering field, in writing to a friend regarding the establishment of the technical institute in Charlotte, said:

"North Carolina's greatest handicap in industrial development today is the lack of technically trained young men--not engineering level. Each engineer in industry needs five to seven technicians. I know what old line manufacturing firms who have recently established extensive branches in North Carolina have said about their great handicap in procuring men who have had technical training and experience."

In his program, "Your Land and Mine," on June 14th, Henry J. Taylor, noted economist and radio commentator, said:

"Russia maintains about 3,500 technical institutes offering various three or four-year courses. These produced an enrollment of about 1,200,000 Russian youths in 1952. They graduate about 350,000 per year.

About 50,000 of these graduates are in the fields related to engineering--in addition to about twice as many professional engineers as we graduate."

According to information furnished by L. V. Johnson, there are over 47,000 students enrolled in technical institutes in New York, Pennsylvania, Ohio, Indiana, and California, and it is expected that this number will double by 1958.¹

Cincinnati, Ohio has one of the finest and oldest Technical Institutes in the United States. A recent article in the National Geographic Magazine has this to say:

"For 121 years Ohio Mechanics Institute at Cincinnati has set the pace and kept pace with new types of craft education. It has sent hordes of trained men to meet calls from all this city's enormous list of factories which make things from soap and beer-barrel bungs to television sets and overalls."

1,215 young men and women graduated from the high schools of Mecklenburg County a few weeks ago. 705 answered a questionnaire regarding their future schooling. 155 out of the 705 who replied stated that they would like to take a technical course at Charlotte College if it were available.

It is believed that a state-supported technical institute in Charlotte would prove of tremendous economic value to the entire state. It will assist in bringing in new industries and therefore a greater tax revenue. It will also make our state better prepared for defense work if we should again be called on to assist in an emergency.

¹ L. V. Johnson: "Technical Institute Training."

1955 - 1956 BIENNIUM REQUEST

To The Honorable
North Carolina Advisory Budget Commission
Raleigh, North Carolina

Gentlemen:

On behalf of:

1. The 4000 (approximately) high school graduates of Mecklenburg County and the other nearby counties of the Piedmont Area who finish high school each year but do not, and cannot, go off to college, mainly because of economic conditions, and
2. Those economy-minded taxpayers who would like to see their tax dollars go twice as far,

we respectfully submit this request and urge your approval.

We ask that your Commission recommend and that the Legislature appropriate the following funds:

Capital Investment for Charlotte College and Technical Institute	\$ 1,000,000.00
Equipment for the Technical Institute	142,880.00
	<hr/>
Capital Investment	\$ 1,142,880.00
Operating Expenses	75,000.00

Endorsed and approved by:

EDUCATIONAL COMMITTEE OF
CHARLOTTE CHAMBER OF COMMERCE

Recommended and respectfully requested,

CHARLOTTE COLLEGE ADVISORY BOARD

C. W. (Pat) Gilchrest, Pres.

Hoyt Galvin, General Chairman

W. A. Kennedy, Co-Chairman

J. Murray Atkins, Chairman

BOARD OF SCHOOL COMMISSIONERS

Edgar Terrell, Jr., Co-Chairman

EDUCATIONAL COMMITTEE OF
CHARLOTTE ENGINEERS CLUB

Glen Coan, President

Herbert Spaugh, Chairman

Russell Ranson, Chairman

BIENNIUM REQUEST

EXPLANATION OF 1955 - 1956 BIENNIUM REQUEST

(1) It has been found that the State of North Carolina has invested in her major state-supported colleges a capital investment of approximately \$4,000 per student. The Charlotte College request is based on only \$2,000.00 per student for the 500 students expected next year.¹ (350 Charlotte College students and 150 Technical Institute students.) Dormitories will not be needed and funds for their construction are not requested. The State will save money on this item.

The one million dollars requested for capital investment may be spent according to one of the following two proposed plans:

- Plan # 1 Plan # 1 contemplates a one million dollar appropriation by the State to build the necessary buildings on a suitable site to be provided locally. This one million dollars will put up new buildings adequate for 500 students. These buildings will have a floor area of approximately 100,000 square feet and will embrace classrooms, laboratories, shops, auditorium, cafeteria, kitchen, gymnasium, library, offices, etc.
- Plan # 2 If your Commission and the Legislature deem it best, the Charlotte Board of School Commissioners will sell (if the proper legal machinery is provided by the Legislature) to the State of North Carolina the present Central High School building with auxiliary buildings, located on the seven-acre tract at the corner of Elizabeth Avenue and Cecil Street, for the sum of approximately one million dollars. (If Plan # 2 is accepted, the City School Board will use the money thus received to erect a new high school building in one of the suburban areas.)

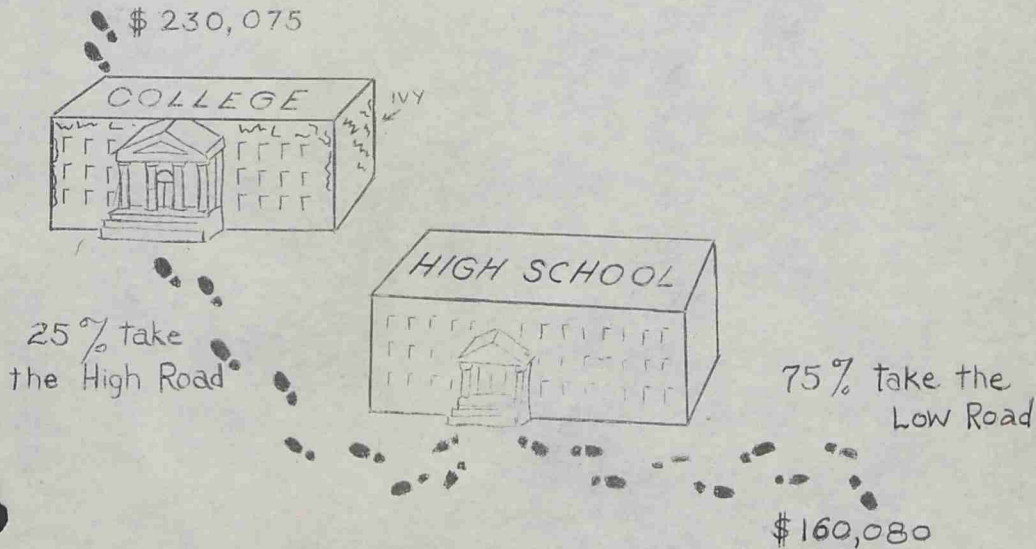
(2) Mr. L. V. Johnson, Director of the Southern Technical Institute, Chamblee, Georgia, made a special trip to Charlotte and consulted with college and school officials, advisory committeemen, and friends of the college. Mr. Johnson gave us details regarding Southern Technical Institute, square feet of buildings used, cost of equipment, etc., and his findings and recommendations have been used in this report as being authentic.

\$277,180.00	Total amount needed for technical institute equipment
(-) 86,950.00	Emergency Request of State Advisory Budget Commission
<hr/>	
190,230.00	
(-) 47,350.00	From the 1954-55 Charlotte College budget and from Technical High School Machine Shop
<hr/>	
\$142,880.00	Amount Requested

(3) It has been found that the State spends an average of \$340.00 per student per year for the twelve state-supported colleges. It is, however, the intention of Charlotte College to save the taxpayer money. We therefore propose and request only \$150.00 per student per year for operating expenses. Thus, for the estimated 500 students expected in the fall of 1954, we are requesting \$75,000.

¹ Publication No. 285, "Community College Study," State Department of Public Instruction, Raleigh, North Carolina, September 22, 1952, p. 19.

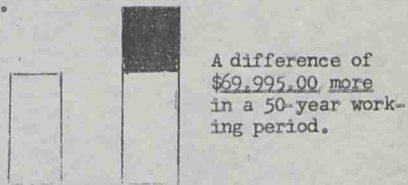
THE GREAT DIVIDE



THE VALUE OF A COLLEGE EDUCATION

Former Dean Everett Lord of Boston University made a survey on the value of a college education. He found that over a forty-year span, a college graduate earned \$72,000.00 more than a high school graduate.

Sylvia F. Porter, noted financial writer, recently had an article in Look and a reprint in Reader's Digest. She estimated the worth of a college education over a high school education to be \$69,995.00 (This survey includes only men graduates). Charted, Miss Porter's figures look like this:

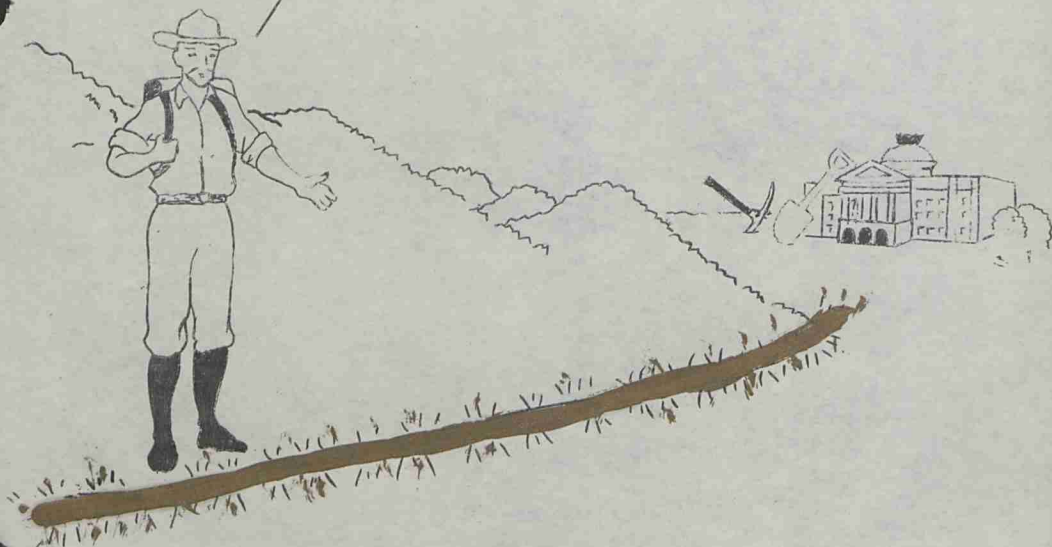


<u>HIGH SCHOOL GRADUATE</u>	<u>COLLEGE GRADUATE</u>
\$160,080.00	\$230,075.00

The late Dr. Clyde A. Erwin, State Superintendent of Public Instruction, said:

"Studies reveal that as many of the superior high school graduates do not attend college as do attend. There are various reasons why these students do not choose to attend college, but one very compelling one is economic or the lack of money."

"That's Gold in them thar Hills"



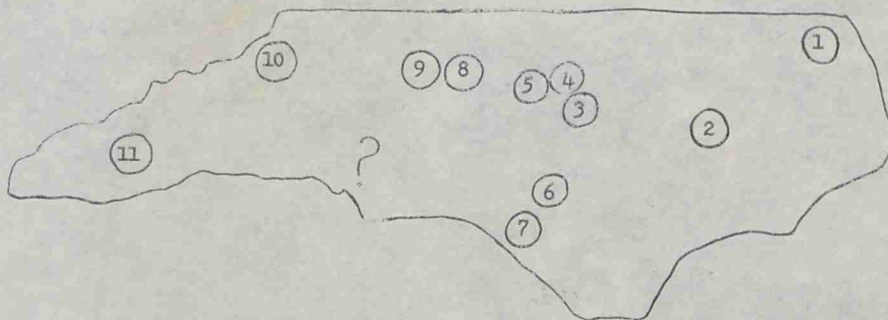
The populous Piedmont possesses untold wealth, hidden gold in unlimited amounts, in the intelligent and capable youth of our section. If North Carolina will supply us with the necessary working tools--a state-supported college and technical institute--we will dig the gold and share the prosperity with the State.

Dr. Albert Wiggam was asked, "Do we lose money by not discovering and promoting our ablest children?"

He answered, "Yes, millions, probably billions. ...we lose inventions that will never be made, medical cures that will never be developed, art that will never be produced. Only about one-quarter of high school graduates secure a college education, and they are not the top quarter in ability. We lead our ablest young people to the very doors of our universities, but many cannot enter--usually because they just don't have the money."¹

¹ Albert Edward Wiggam: "Let's Explore Your Mind."

LOCATION OF TWELVE STATE SUPPORTED COLLEGES AND YEAR FOUNDED

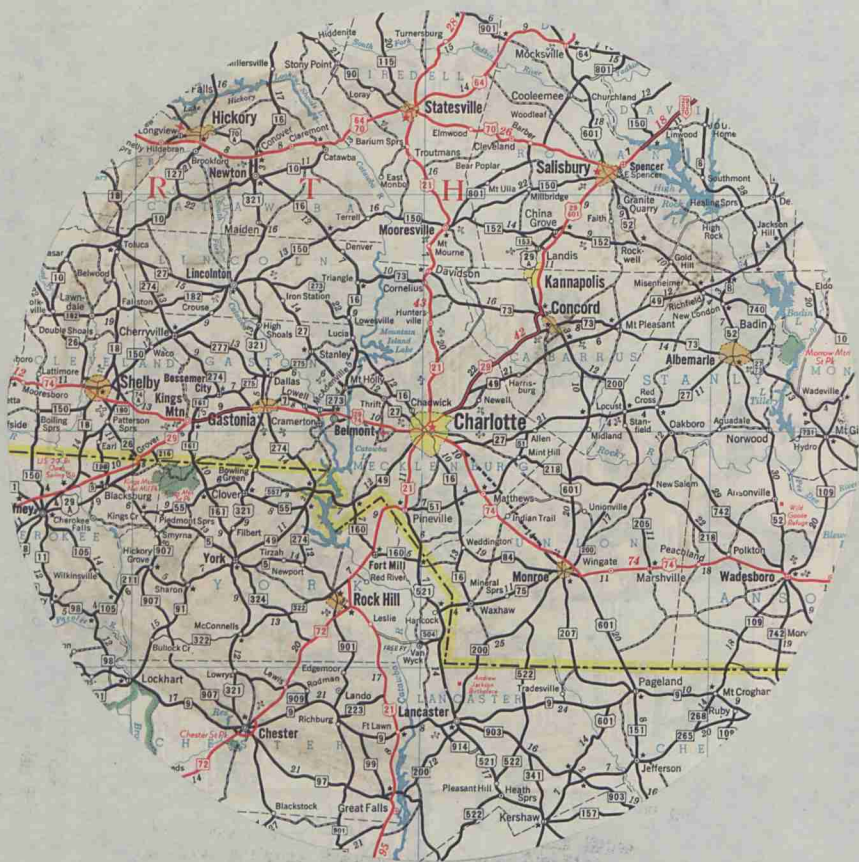


No. 1 - Elizabeth City, Elizabeth City Teachers College	1891
No. 2 - Greenville, Eastern Carolina Teachers College	1909
No. 3 - Raleigh, North Carolina State College	1889
No. 4 - Durham, North Carolina College	1910
No. 5 - Chapel Hill, University of North Carolina	1789
No. 6 - Fayetteville, Fayetteville State Teachers College	1877
No. 7 - Pembroke, Pembroke State College	1887
No. 8 - Greensboro, Woman's College of U.N.C. Greensboro, Negro A & T College	1891 1891
No. 9 - Winston-Salem, Winston-Salem Teachers College	1892
No. 10 - Boone, Appalachian State Teachers College	1903
No. 11 - Cullowhee, Western Carolina Teachers College	1889

The last state-supported college was founded in 1910. In that year Charlotte had a population of only 34,000. Today Charlotte's population is 145,300.¹

¹ Estimated population as of January 1, 1954, taken from Sales Management. Annual Edition, May, 1954.

THE POPULOUS PIEDMONT



The above map shows an area of 50 mile radius around Charlotte.

According to the May 10, 1954 issue of Sales Management, 934,600 people live in this Piedmont Section. The Statistical Department of WBT-WBTV estimates this figure to be one million.

5,250 young men and young women, it is estimated, finish the high schools of this section each year, and approximately 1,312 of this number (only 25%) attend college. An additional 25% of 1,312 would probably attend a state-supported college in Charlotte.

The above statement is true for two main reasons:

1. Proximity of college to their homes.
2. Economic conditions. Surveys show that 69% of those students who now attend Charlotte College work full-time or part-time. No other city in North Carolina can offer job opportunities for college students as well as Charlotte.

UNBELIEVABLE, BUT TRUE

A short, but true, tale of three cities.

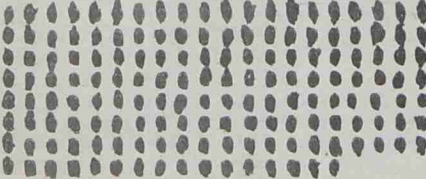
Raleigh has a four-year college student body of 5,947 and a city population of 71,300. The ratio of college students to population is 1 to 12.

0 


Greensboro has a four-year college student body of 6,115 and a city population of 81,600. The ratio of college students to population is 1 to 13.

0 

Charlotte has a four-year college student body of 930 and a city population of 145,300. The ratio of college students to population is 1 to 156.

0 

(0 represents one four-year college student)

( represents the number of population for each four-year college student)

The unfavorable showing made by Charlotte in the foregoing chart was probably caused by three main factors:

1. The phenomenal growth of Charlotte in recent years.
2. The increasing difficulty of privately-run colleges in securing adequate funds for both operation and expansion.
3. The absence of a state-supported college.

June 18, 1954

The Chamber of Commerce
Vocational & Technical Training Committee
Training Interest Survey, June 1954

The selection of the 484 firms to be surveyed by mail was made from the classified telephone directory on the basis of the Committee's opinion as to their interests in technically trained personnel.

The firms are grouped into the size groups indicated and the number of employees in these firms has been totaled to give an illustration of the weight of each group. The totals show the number of firms indicating an interest in particular subjects, the level of training, or the method of training. Also totaled, however, have been the number of employees in the firms indicating certain interests, and this is shown in the final line entitled "Total Employment By Interests."

The response of 137 firms, or 28%, all of which of course affirmatively indicate interest in one or more technical training fields, the Committee regards as being highly significant and indicative of even more interest disclosed. Response to surveys by mail is always relatively low and a review of the list of firms not answering the survey shows that a considerable number of large transportation, manufacturing, and other technical firms did not respond. It is clear that they must also have needs which would add to the positive total actually disclosed by the survey.

Therefore, it is considered that the survey shows sufficient interest in the Charlotte area to sustain at least one class of 20 or more trainees in each of at least the first 10 of the leading subjects shown on page 15.

The subjects have been listed in an order of interest shown based upon the employees in the firms which indicated interest in each specific subject. The total number of employees is believed to be a better indicator of the potential replacement and expansion need than merely the number of firms which indicated an interest.

Following the 16 specific subjects listed in the table attached, there are four columns which show "High School, High School plus 1, 2, or 3 years." These columns show the approximate level of technical training indicated as desirable by the firms. The total of 67 firms indicating a desire for technical training at the high school level points out a definite need for earlier training. But it is believed very significant that training at higher levels was desired by a substantial number of firms for each of the three higher levels beyond high school.

The fact that more than 1/3 of the responding firms desired a cooperative method of training is regarded as very significant in view of the fact that there is now very little use or knowledge of this type of training in this area. Cooperative training was explained in the questionnaire as being attendance for perhaps one semester of full-time classwork, alternating with one semester of full-time employment.

Fewer of the firms desired part-time daily attendance at work and at class, but enough of them did so to justify offering some classes on this basis.

This is a consolidated report, but the Committee has a breakdown of the information not only into size groups of firms as shown here, but also into a division into manufacturing and sales or service firms. Users of this report are invited to ask for further information of that type that they feel might be helpful.

E. A. Terrell, Jr., Chairman
Vocational & Technical Training Committee

TABLE I
The Chamber of Commerce
Vocational & Technical Training Committee
Training Interest Survey, June 1954

Firms Surveyed: 484
Responding: 137, 28%

Firms by Size Group (No. Employees)	Number of Firms	Employees in Group	Printing	Plumbing	Carpentry	Masonry and Cement Finisher	Sheet Metal	Electric Wiring	Heating & Air Conditioning	Mechanical Drawing	Architectural Drawing	Blueprint Reading	Machinist	General Mechanics	Automotive Mechanics	Welding	Electronics TV-Radio	Chemical Processes	High School	High School + 1 Year	High School + 2 Years	High School + 3 Years	Desire		Cooperative		Part Time	
																							Yes	No	Yes	No	Yes	No
Group 1 1-10	23	104	3	2	2		1	3	5	4	5		1	6		1			11		4	7	5	13	5	14		
Group 2 11-50	76	2011	2	8	7	3	16	13	17	18	7	1	2	8	5	2	4	7	36	9	13	18	21	44	9	56		
Group 3 51-100	19	1367	1		3	1	1	2	1	5	5	2	2	5	6		1	1	10	2	6	1	7	8	6	9		
Group 4 101-500	19	4814	2	4	4	2	5	3	3	6	2	1		8	3		4	1	10	2	4	6	6	11	3	14		
Totals	137	8296	8	14	16	6	23	21	26	33	19	4	5	27	14	3	9	9	67	13	27	32	39	76	23	93		
Total Employment By Interests			719	1421	1664	781	1863	1417	976	2198	844	85	195	2681	1031	71	1040	773	3882	1115	1793	1074	3023	4698	1974	4981		

In Order of Interest

Subject	Firms	Employees
General Mechanics	27	2681
Mechanical Drawing	33	2198
Sheet Metal	23	1863
Carpentry	16	1664
Plumbing	14	1421
Electric Wiring	21	1417
Automotive Mechanics	14	1031
Electronics-TV-Radio	9	1040
Architectural Drawing	19	844
Heating, Air Conditioning	26	976
Masonry & Cement Finishing	6	781
Chemical Processes	9	773
Printing	8	719
Machinist	5	195
Blueprint Reading	4	85
Welding	3	71

Subjects Also Mentioned:

Refrigeration, general appliances, shoe repair, mathematics, Ozalid service, flooring, truck-driving, warehousing, elevator mechanics, camera layout, press operators, woodworking, roofing, bookbinding, structural and ornamental iron workers, foundry practice, and plastering.

TABLE II

POST-HIGH SCHOOL TRAINING INTERESTS OF 1954 GRADUATES FROM CHARLOTTE AND MECKLENBURG COUNTY HIGH SCHOOLS

Name of High School	No. of 1954 Graduates	No. of Replies to Questionnaire	College Program					Technical Program (2 year)											Interested in Co-operative Plan	
			Number to College	C.C. Evening	C.C. Day	C.C. 2 years	C.C. 4 years	Architecture	Auto Mechanics	Chemical Processes	Construction Trades	Drafting	Electricity	Electronics and Radio	General Mechanics	Heating - Air Conditioning	Printing	Business Education		Others
Central	332	232	158	24	10	18	16	7	3	3	4	7	7	6	1	5	3	5	8	39
Harding	155	133	61	9	1	7	5	5	3	3	4	4	10	4	2	4	2	5	3	12
Tech	62	59	7	4	1	3	2	1	1	1	2	3	3	3	2	3		2	4	2
Myers Park	180	31	31	2		1	2													
West Mecklenburg	154	109	48	6	3	6	1	4	4	1	4	3	4	3	3	4	2	7	1	13
East Mecklenburg	180	11	8	1		1			2						1				1	
North Mecklenburg	152	130	33	12	5	13	5	8	10	5	5	8	13	11	6	3	6	25	7	35
Totals	1215	705	346	58	20	49	31	25	23	13	19	25	37	27	15	19	13	44	24	101



State of North Carolina
Council of Civil Defense

MANSION PARK BUILDING
Raleigh

January 18, 1954

Dr. C.H. Bostian
Chancellor
North Carolina State College
Raleigh, North Carolina

Dear Dr. Bostian:

I am very happy that you will be able to take the tour of the 35th Air Command (Defense) Control Center at the Dobbins Air Force Base on Tuesday, January 26th.

The schedule as worked out by the Air Force Officials is as follows: The plane will leave from the Raleigh-Durham Airport at approximately eight o'clock A.M. If necessary, it will stop in Charlotte to make pick-ups and if not will go direct to Dobbins Field. We will arrive at Dobbins Field approximately ten-thirty A.M., make the tour, have lunch, and leave Dobbins Field at approximately three-thirty. This will put us back in Raleigh between five-thirty and six o'clock P.M.

Transportation to the Raleigh-Durham Airport will be furnished by this office, and you are requested to meet at the Civil Defense Office in the Mansion Park Building at seven-thirty. In case you prefer to drive your own car to the airport, you are requested to please call this office and let us know.

Colonel Henry has advised this office that if this trip has to be canceled due to weather conditions that he will re-schedule the trip for February 1st or 2nd, and it is requested that you hold those dates open on tentative basis if possible.

Since weather conditions change rapidly and this office will not know until a few hours in advance whether weather conditions will permit the trip, it is suggested that on Tuesday Morning if the weather does not look good, you call the Civil Defense Office at seven o'clock, A.M., Phone Number 4-4334.

Looking forward to having you make this tour, I am

Sincerely yours,

R. C. Nicholson
R.C. Nicholson *sl*
Acting Director

RCN:as

PROFESSIONAL ENGINEERS OF NORTH CAROLINA

Member of

NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

ROBERT B. RICE, PRESIDENT

May 24, 1954

P. O. Box 5131, RALEIGH, N. C.

Brig. General Edward F. Griffin
Director, Council of Civil Defense
Civil Defense Building
Jefferson and Dale Streets
Raleigh, North Carolina

Dear General Griffin:

Some time before the State of North Carolina and His Excellency, Governor Umstead, had the good fortune of obtaining your services as the Director of Civil Defense in North Carolina, I conferred with several members of the Council concerning the establishing in the Civil Defense Building suitable space to house a Civil Defense library. Since that time I have received a copy of "Civil Defense and Atomic Welfare," a selected reading list No. H-25-1 from the Civil Defense Administration in Washington, I spent considerable time reviewing this reading list and am of the opinion that the time is nearly right for you and Civil Defense to do something concerning a suitable library somewhere in the State and preferably at your office wherein any citizen or any of your workers, groups of workers, or committees can come, or write, for valid firsthand information.

The bibliography in my hands lists 618 publications, most of which are pamphlets, papers, or volumes which could be readily cataloged and placed upon shelves for ready reference.

It is also my opinion that such universities as Duke, the university unit at State College and Chapel Hill, and perhaps the Woman's College, should have in the hands of their librarian (and selected by Civil Defense Council) at least a core of the most important of these volumes. These volumes and their location should be well enough publicized so that college professors, their students, and their many associates throughout North Carolina can have ready access to them.

It is also my opinion that a selective list of these papers, selected after careful scrutiny by members of your Commission, should

be sent to every high school in North Carolina whose librarian and principal shall make their presence known to the students who, in turn, can inform and apprise their respective parents.

It is even my thought that in years to come, through your office, some effort will be made to integrate into high school curricula, as well as college curricula, sufficient firsthand civil defense information so that reasonably well educated people and their families be thoroughly posted on the fundamentals, the hazards, and suitable means for circumventing catastrophe.

Looking through this list of selected readings, I am astounded by the fact that the majority of papers and texts focus on engineering, which fact I recently made public to the members of the engineering society in North Carolina. It is therefore my suggestion that through my group we take on new life and attempt to expand the engineering aspect of civil defense in the interest of preparing better our State for the ultimate.

Please appreciate that the above are merely suggestions tendered to you and Civil Defense principally because I have been affiliated with its activities, more or less officially, during the past year and was personally asked by yourself to assist, until further notice, from a technological point of view.

With best personal wishes, I am

Very truly yours,



Robert B. Rice
Director, Public Works
N C. Civil Defense Adm.

RBR;mb

November 13, 1954

Colonel David L. Hardee, Director
Organizations for Civil Defense
Wake County Court House
Raleigh, North Carolina

Dear Colonel Hardee:

Mr. J. G. Vann and I have considered your request for the designation of wardens at North Carolina State College and have designated Mr. J. McCree Smith, Director of Maintenance and Operations, as Chief Warden.

Other wardens on our campus will be Mr. N. B. Watts, who supervises the housing of students in the dormitories, Mr. Frank R. Kennedy for utilities, and Mr. John Rorie for all buildings except dormitories.

It is my understanding that Mr. Smith has returned his card and we are asking that Mr. Watts return his in the near future.

Sincerely yours,

Carey H. Bostian
Chancellor

CHB:H

cc: Mr. J. McCree Smith
Mr. N. B. Watts

ORGANIZATIONS FOR CIVIL DEFENSE
RALEIGH AND WAKE COUNTY
WAKE COUNTY COURT HOUSE
RALEIGH, NORTH CAROLINA

October 13, 1954

Assts.

J. McCree Smith - Chief
Warden

Frank R. Kennedy - For Utilities

N. B. Watts - Dormitory

John Roie - Bldgs. other than
dormitory

Chancellor C. H. Bostian
N. C. State College
Raleigh, North Carolina

Dear Dr. Bostian:

Sometime ago on a visit to State College on the matter of the selection of wardens I conferred with Col. J. W. Harrelson and he asked me to see if Mr. J. McCree Smith and his assistant in charge of buildings and grounds, Mr. M. R. Rowland, would not serve as wardens for State College. They consented to do so and we let the matter rest at that for some time since we were in our early organizational period with no immediate activity in sight.

Our first activity came up in the way of a two day school which was conducted at the Union Building at State College but unfortunately came at a time when the College was opening and there was little time for your Superintendent of Buildings and Grounds or anyone in his department to give this matter any attention. We had another meeting last night of our wardens but they likewise could not attend, but declined with a letter of October 7, 1954 which is enclosed.

It would be greatly appreciated if you or Col. Harrelson would select a chief warden and several assistant wardens for your entire campus and let them select a building warden for each dormitory.

I realize that both of you gentlemen are very busy but if you can get this much attended to and have those that are selected fill out and sign on the reverse side, the oath of office, on the enclosed registration cards and return them to us in the enclosed stamped envelopes, it may be possible for this office to relieve you of further detail in the matter.

With best wishes, I am

Sincerely yours,

David L. Hardee
David L. Hardee
Director

DLH mab
Enclosures

NORTH CAROLINA STATE COLLEGE

RALEIGH, N. C.

DIVISION OF
MAINTENANCE & OPERATIONS
J. MCCREE SMITH, DIRECTOR

ADDRESS REPLY
TO WRITER

October 7, 1954

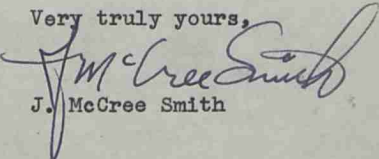
Colonel David L. Hardee, Director
Organization for Civil Defense
Wake County Court House
Raleigh, North Carolina

Dear Colonel Hardee:

I appreciate your letter of September 15. I am sorry to relate that because of the press of the business of getting the loose ends in order for the opening of school none of our people were able to attend the seminar held on the Campus September 13th and 14th.

I am returning herewith the volunteer registration cards that you sent me. For two reasons I do not feel that I should assume any responsibility for this assignment for the State College campus: 1. We in Maintenance and Operations are on call twenty-four hours a day for maintenance of utilities and the care and maintenance of all buildings and grounds on the campus. The press of these duties is exacting and full-time; 2. Because as you have indicated that you would desire someone for your Chief Warden and Assistant Warden who would be able to organize and control the evacuation of buildings and dormitories where our greatest concentration of people living is centered. I believe that this matter should be directed to the attention of the Chancellor so that he may make an appointment for these duties. In this way, the Chancellor, who is the Head of our Administration, will be "in the know" on this matter.

Very truly yours,



J. McCree Smith

JMcCS/r

Enclosure

cc: Chancellor C. H. Bostian
Mr. J. G. Vann

March 9, 1954

Dr. J. Harris Purks, Provost
The University of North Carolina
Chapel Hill, North Carolina

Dear Dr. Purks:

Members on the Council for Undergraduate Instruction from State College will be Dr. Ralph Fadum, Head of the Department of Civil Engineering, Dr. C. Addison Hickman, Head, Department of Economics, and Dr. W. H. Pierce, Associate Professor of Agricultural Economics. I presume that these men will be assigned terms of one, two, and three years respectively, by lottery or some other means.

Dean Colvard has requested that Dr. R. L. Lovvorn, Director of Instruction in the School of Agriculture, be a member of the Council for the School of Agriculture.

Sincerely yours,

Carey H. Bostian
Chancellor

CHB:H
cc: Mr. Gordon Gray

MINUTES
MEETING OF UNIVERSITY COUNCIL ON UNDERGRADUATE EDUCATION
NOVEMBER 8, 1954

The University Council on Undergraduate Education met at 2:00 p.m. on November 8, 1954 with Provost Parks in the chair. Present were Professors Fadum, Friedlaender, Hickman, Opper, Pierce, Spruill, Wells. Professor Lyons was present for the first part of the meeting.

Data sheets prepared by or at the direction of the institution's council members were distributed, showing admissions requirements, degree programs, and requirements at Chapel Hill and Greensboro.

The minutes of the meeting of October 8 were read and approved.

The Provost reported that no urgency now attaches to the matter of a nuclear chemistry program at State College. Discussion was carried over to a later meeting.

Following the suggestion contained in a memorandum from President Gray, the Chairman introduced for Council consideration the question of an admissions policy for the University. The Council's purely advisory role in the development of policy was noted by the Chairman and by members of the Council. Note was also taken that the development of an admissions policy is related directly to the findings and recommendations of two bodies now at work: the Joint Public School - University Committee to explore "whom shall be taught what and where, by whom and for what purpose", and the Victor Bryant Commission. The need for discussions within the University in advance of the reports of these boards was generally felt.

Dean Spruill brought to the attention of the Council the unanimous action of the most recent North Carolina College Conference in approving the revival of the state-wide High School Tests given to students in the spring of their senior year. These tests, formerly administered, had been dropped for several years for reasons of apparent lack of interest and costs. It was pointed out that these tests might be advantageously used by admissions officers along with the High School record and the recommendation of the principal.

The question was raised whether in North Carolina the state university is under a legal obligation to provide higher education to all applicants who are graduates of the state's high schools. The opinion was expressed that there are no constitutional nor statutory mandates here, rather it is a matter of tradition.

In the discussion, a number of facets of the admissions situation were touched upon; in general, they remained as questions: does the large attrition rate we now have indicate that our present admissions policies are uneconomic? Does continued admission of inadequately prepared students produce not only economic waste but loss of academic tone and standards? Will the trend toward five year rather than four year degree programs in a number of fields still further limit the capacity of our institutions to absorb the anticipated increase in demand for admission? Is it likely that this increase will be less than

anticipated because of public reaction to desegregation? Can a selective admissions policy be achieved that takes due account of the strong feeling in the Schools and among the general public and their spokesmen against restricting admissions? Can any selective policy designed to give a better education be achieved without risking the sacrifice to a degree of the public support basic to a state institution? May reluctance to increase funds necessary to support even in a minimum way a greatly increased enrollment be expected from those quarters which may in theory be opposed to any limitation in numbers? Will increased selectivity in admissions have at least one unfavorable effect on the academic program to the extent that it reduces the financial support available for upperclass courses of small enrollment? Can any funneling off of students to other state institutions to achieve their specific vocational purposes or the creation of a substantial number of intermediate institutions between high school and college be accomplished in the many programs in which specialization begins in the freshman year?

Without commitment to it as a permanent policy and without reference to timing, the Council reached a consensus that it recommend that some move be taken toward the development of a more selective screening procedure for admission to the University. It was agreed further that these procedures might not be the same at each of the institutions.

More specifically, Dean Spruill proposed that at least for Chapel Hill there be dramatic improvements in the advisory selection of entering students in September, 1955. The plan would provide that on the basis of the quartile rank in the high school class, of the scores on the projected senior tests, of the recommendation of the high school principal, and of knowledge of the high school, a group of applicants of doubtful qualifications would be identified who would be asked to take orientation tests during the summer and before the granting of admission. In an interview and in the light of the accumulated evidence, advice on admission would then be offered. The Council arrived at a consensus approving this plan and recommending that if the President and Provost think well of it, it might be referred to the three institutions at a meeting of the Cabinet.

Professor Wells proposed for future consideration in the Council, means for recognizing excellence in the younger faculty.

The meeting was adjourned.

Respectfully submitted,
 Marc Friedlaender /s/
 Marc Friedlaender, Secretary

July 10, 1954

Mr. Ben Douglas
Department of Conservation & Development
Raleigh, North Carolina

Dear Mr. Douglas:

After careful consideration we have decided not to ask for the continued use of the dormitory building at Morehead City. We appreciate very much your understanding of this matter and your willingness to make a recommendation to your Board that we continue to use the building if in our opinion such would make a definite contribution to the people of our state. We have decided that our program does not justify the expense of maintaining the building and, therefore, do not wish to use it after this summer.

Please express to the Board our appreciation for having had the privilege of using the facility for a number of years. I believe the record will show that programs there have made a definite contribution to the education of our citizens.

Sincerely yours,

Carey H. Bostian
Chancellor

CHB:H

NORTH CAROLINA STATE COLLEGE OF AGRICULTURE AND ENGINEERING

OF THE
UNIVERSITY OF NORTH CAROLINA
RALEIGH

DIVISION OF COLLEGE EXTENSION
EDWARD W. RUGGLES, DIRECTOR

OFFICES
117 - 126 1911 BUILDING
TELEPHONE 4-5211
P.O. BOX 5125

July 8, 1954

Dr. C. H. Bostian, Chancellor
North Carolina State College
Holladay Hall
Campus

Dear Dr. Bostian:

After very careful consideration we have decided not to ask for the continued use of the dormitory at Morehead City.

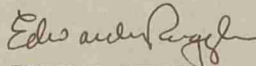
We feel that our program of only three months duration will not justify the expenditure necessary to put the building into proper repair and then maintain it from year to year. The present plan to dispose of the central heating plant had a great deal to do with our decision.

We do, however, plan to continue a summer program of extension classes in Morehead City, providing proper housing and classroom facilities can be obtained. I see no reason why this is not possible.

Another important factor in our decision was the very disappointing enrollment in our Science for Teachers program. After last year's experience, we were led to believe that this program had great possibilities. After this year's experience, we could not attempt it again.

Personally, I regret this decision very much for I do feel that if efforts from several sources could be pooled to use the facilities more, we could conduct a very creditable program there for a part of each summer.

Very truly yours,



EDWARD W. RUGGLES
DIRECTOR

EWR:sph