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President's Report to Board of Trustees, 1939

Clemson University

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The Honorable Board of Trustees
of
The Clemson Agricultural College

Gentlemen:

I have the honor to present herewith my report covering the work of Clemson College since your meeting last October.

THE PRESENT SESSION

Last fall I reported to you a record-breaking enrollment of 2,108 students. At the beginning of the second semester an additional 42 young men entered Clemson, making the total enrollment for 1938-39, 2,150 students. It is customary to report to you the enrollment by classes, but this time I am giving the enrollment in a little different set-up.

- Regular cadets: 1,960
- Day cadets: 121
- Special and irregular students: 79

Total this session: 2,150

There are now in the college 1,985 students. Since last September, 148 have been discharged for various reasons, and at the end of the first semester in February, there were 17 to graduate.

In the various classes approximately one-third of all the students are enrolled in agriculture and agricultural education; one-third in engineering; and one-third in textiles, general science, chemistry, and industrial education. It is interesting to note that of the 658 registered in the various phases of agriculture 358 are in the School of Agriculture, and 300 in Agricultural Education. These 300 young men are preparing to teach agriculture in our schools and the major portion of their work throughout the four years is in agricultural subjects. However, it is required that they carry a certain number of hours in the teacher-training subjects.
During the last 15 years the enrollment has doubled.

The enrollment is now five times as large as it was 45 years ago.

Since this chart was made last fall, the present student body has increased to a total of 2,150.

Approximately one-third of the students are enrolled in Agriculture, one-third in Engineering, and one-third in Textiles, Chemistry, and General Science.
Students come to Clemson from every county in the State.

Letters from 665 graduates in five recent classes indicated that Clemson men were following their chosen lines of work, and the great majority of them were in South Carolina.
Fifty-five years ago the college opened its doors to the young men of the state interested in agriculture and the mechanic arts and during this time very effort has been made to provide facilities for all those seeking admission. The college has from time to time added a little here, and a little yonder, with an occasional major building up until the last few years when the major classroom structures have been rebuilt from the ground up and five barracks buildings erected. The present student body is approximately five times the size of the first student body entering Clemson 45 years ago. During the last 15 years the enrollment has doubled.

It is interesting to observe that over a period of years every section of South Carolina has been represented in the student body. The accompanying outline map of the state shows the enrollment by counties. A study of the occupations of the parents indicates that all classes of our citizens are sending their boys here for college training.

The Registrar is already receiving applications for another year, and it now looks that requests for admission in September, 1939, will exceed those of last year. With the present student body of a sufficient size to fill both old and new barracks to normal capacity the situation is deserving of consideration as to our future policy. With larger numbers graduating from high schools we may expect more applicants for admission. The growing popularity of technical and vocational training will still more increase the number. Last year 1559 South Carolina high school graduates entered college. Approximately half of this number entered Clemson.

All new barracks buildings are constructed so as to limit the number of students in a room to two. The majority of the rooms in the three old barracks are capable of accommodating three students.

The temporary barracks built several years ago is filled to capacity, but I feel that we should seriously consider abandoning this building as a place to regularly house students and use it only as an emergency building to take care of visiting groups of high school students and for similar purposes. When this structure was erected, the idea we had was that it would be used until the four new buildings in the quadrangle were completed, and then it would be vacated.
I think it will be well to consider a general policy of limiting the number of students in Barracks 1, Barracks 2, and Barracks 3 to a maximum of three students per room and in all the new buildings a maximum of two students per room. There must of necessity be some variation because certain of the cadet officers are placed two to a room, and there are scattered throughout the several buildings about eight or nine extra large rooms which could easily accommodate four each. A survey made by the Commandant on the above basis shows that it is possible to provide quarters for between 1,900 and 1,930 young men without having to use the temporary barracks. With these accommodations and with the present number of day cadets and special students our enrollment another year would be around 2,150 students, the same as for this session unless we permit more students to become day cadets and live out of barracks.

THE HEALTH OF THE STUDENT BODY

Several weeks ago it looked as if we were headed for an influenza epidemic. It became necessary to convert the temporary barracks and the lower floor of Barracks No. 3 into an emergency hospital. To do this the students occupying these spaces were moved into the Trustee House, the athletic basement of one of the new buildings, the New Textile Building, in addition to being sandwiched in between students already in Barracks No. 3. Dr. Milford very promptly employed additional nurses and as fast as a boy was found with a cold or running a temperature, he was placed in bed. In this way we feel that an epidemic was averted and only about three developed pneumonia. Most of the cases were light and the young men were able within a few days to return to duty. In this connection I wish to commend Dr. Milford for his prompt and efficient work in handling what might have been an epidemic of influenza. Captain Harcomb rendered most valuable assistance in the preparation of suitable food and the Pre-Medical students volunteered their services in helping to care for those young men who were sick in the barracks wards.
ALUMNI RELATIONS

Over a period of several months representatives of the college have visited every section in the state as well as several places outside of the state to meet with old Clemson men. I feel that this was well worth while because we were able to inform our old students of the activities of the college as well as its need. It is with much satisfaction that I report to you the very fine spirit existing among the Clemson men and the keen interest manifested in their old school. By keeping our old students informed and by an occasional personal contact, they can be of invaluable service in furthering the work of the college. In the years to come the college will have to rely more on its alumni to influence public opinion to give it proper financial support. The 600 South Carolina alumni who have assembled at their district meetings have manifested a fine spirit of helpfulness.

USE OF THE OLD TEXTILE BUILDING

Last fall when the old Textile Building was vacated, we permitted the local high school to move into it during the construction of a new high school building in the community. With the aid of the W.F.A. a high school building in keeping with the needs of the community is being erected. The old Textile Building is also being used by the Military Department of its teaching activities. Space in the old Textile Building was found to be admirably suited to the department and now all the teaching activities of military science are centered there. The Commandant, of course, maintains his office on the first floor of the Main Building where he carries on as usual.

Within the next few years there will continue to develop needs for additional space which we do not now have, and we shall probably find ourselves gradually overflowing into this old structure.

This, however, should not prevent us from overlooking the fact that the building is not now adapted for use as classrooms or for dormitory facilities, but for the present we find ourselves faced with the necessity of using the space.
NEW TEXTILE BUILDING

All equipment and machinery was moved into the new Textile Building last fall. We were able to contract for the removal of this equipment at a very reasonable cost. It will take some time to place in operation the equipment in the new Textile Building because of the lack of funds. We were finally able to obtain from the P.W.A. the grant for the sprinkler system which has been completed and is now in use. This building is therefore fully protected by modern and adequate sprinkler system. You are already acquainted with the great need for adequate and modern machinery to carry on the work of this important department of the college.

THE TUITION BILL

There was introduced into the Legislature a bill to raise the tuition for South Carolina students by forty dollars and for out-of-state students by fifty dollars. This bill would have required every South Carolina boy to pay a one hundred dollar tuition fee and every out-of-state boy to pay a two hundred dollar tuition fee. The introduction of this bill gave us serious concern, and the representatives of the several state colleges met in Columbia, and after a full discussion of all phases of this proposal, it was unanimously decided to request the General Assembly to disapprove the increase.

In the meeting of the college presidents, it was brought out that in each institution there appeared to be numbers of young men and young women who were just barely able to meet the present financial requirements and that it would be contrary to the existing policies to deny these worthy and needy young people the opportunity for college training. It would be difficult if not impossible to determine just how many boys at Clemson would be affected by further increasing the cost to the student, but if you take as a basis the applications submitted to us last fall for student jobs through the National Youth Administration, a considerable number would be affected. The National Youth Administration allotted Clemson 148 student jobs for the current session, and there were between five and six hundred at Clemson that at any other state college in South Carolina. This fact is apparently at variance to any argument advanced to keep the cost to the students, because it is readily seen that in the face of increases there has been a phenomenal growth here. There is another side to the picture which probably accounts for this, and that...
applications for these places. The parent of each applicant was required to submit an affidavit giving his financial status, and one of the questions asked was whether or not it would be possible to send the student to college without some assistance.

The authors of the bill suggested to those present at the hearing that the proposed increase might be the only means of securing needed additional funds. The House Committee on Education voted unanimously to kill the measure.

On result of this situation was that the Presidents and Business Managers of the state colleges perfected an organization and agreed to work as a unit.

I believe it has always been the policy of this institution to keep the cost within the bounds of that great average group of limited financial ability.

STUDENT AID

During the past ten or fifteen years a larger proportion of the cost at Clemson has been shifted from the state to the individual students. For example, a few years ago the tuition in the state colleges was fixed at forty dollars a year for those who were able to pay. The law was changed, and all free tuition eliminated, and the tuition fee made $60.00 for every South Carolina student and $150.00 for every out-of-state student. Likewise all free scholarships were abolished. In 1928-1929, the average payment per student for tuition and laboratory fees at Clemson was $21.00. This session, ten years later, the average payment per student is $95.00 each. With this report is a chart showing the per capita income for teaching purposes over a fifteen year period. I wish especially to call your attention to the decrease in the amount available per student for the teaching activities.

Even though the cost to the student has been increased and scholarships abolished, the enrollment at Clemson has continued to climb. Today there are between three and four hundred more students at Clemson than at any other state college in South Carolina. This fact is apparently at variance to any argument advanced to keep down the cost to the student, because it is readily seen that in the face of increases there has been a phenomenal growth here. There is another side to the picture which probably accounts for this, and that
is the student aid available today. The assistance to students comes about through

1. The R.O.T.C.,
2. National Youth Administration,
3. Other student jobs.

As a Land Grant College we are required by law to offer instruction in Military Science and Tactics. In return for the training, the War Department makes certain allowances to the R.O.T.C. students. At the present time there are 547 juniors and seniors enrolled in what is known as the Advanced Course. Each of these young men receives twenty-five cents per day as commutation for subsistence, and in addition each junior receives an allowance of twenty-nine dollars toward the payment of his uniform, and each senior receives seven dollars as an allowance toward the payment of his uniform requirements. Freshmen and sophomores in the Basic Course of the R.O.T.C. receive nine dollars each toward the payment of their uniforms. The uniform allowances are paid by the War Department to the college, and the amount for each is deducted by the Treasurer from the last payment in the spring. The twenty-five cents per day for allowance on subsistence is paid direct to each junior and senior.

For the session of 1938-1939, the War Department is expected to pay to the R.O.T.C. students at Clemson a total estimated at close to sixty thousand dollars as follows:

| Allowance on all students' uniforms | $23,000.00 |
| Commutation for subsistence         | $37,000.00 |
| Estimated total                     | $60,000.00 |

This session the Corps will spend for uniforms around $60,000.00. The War Department allowance goes a long way toward helping to pay for clothing. Each fall students who own serviceable uniform garments acceptable to the Commandant are not required to purchase new articles. If each year a student purchased the complete list of new garments listed as necessary, which very few upper classmen do, the four year average cost for uniforms, taking into consideration the R.O.T.C. allowance, would be $21.93 per year. For a boy not in the R.O.T.C. the annual cost would be approximately $35.00 provided he purchased the full list each fall. At the present time there are
240 students not in the R.O.T.C.

Next largest source of student aid is the National Youth Administration. For this session the Federal Government allows Clemson a maximum of $2,220.00 per month for student jobs. The work done by the students ranges from "manicuring" cows to grading papers. Each student is paid thirty cents per hour for his work, and the maximum permitted to be earned in any one month is fifteen dollars. In view of the large number of applications for these jobs, we have attempted to limit the maximum earned per month to approximately eleven to twelve dollars each. Also we find a tendency on the part of some of these young men to devote more time to outside work than is good for them. With this money about 250 boys will be aided during the current year. The amounts earned will range from a low of twenty-five dollars to a high of around one hundred dollars for the session. We believe that these young men take their work seriously, and our experience leads us to believe that this type of student aid is preferable to giving money without requiring any extra effort on the part of the student. It is the most satisfactory system yet devised for needy and worthy students. Scholastic standards enter into these awards.

Next in order of the student jobs available are those who work as waiters in the Mess Hall. Around 104 cadets are employed each day to place the food on the tables. This work does not require a great deal of extra time, and in return for their services these young men will average eight dollars per month, which is half the cost of board. In addition to the Mess Hall waiters, at the present time a limited number of other student jobs are scattered around among the various departments.

Taking into consideration all the sources here enumerated we estimate that the student body this session will earn approximately $85,000.00, and a large proportion of this will go toward the payment of expenses.

It is therefore possible that this student aid has been the means of not only holding up our enrollment but of keeping its growth ahead of any other institution in the state.
THE FINANCIAL SITUATION

It would indeed be a pleasure and a feeling of great relief if I could one time write a report without having something to say about financial needs and financial worries. For the last fifteen years we have experienced a growing student body with a corresponding decreasing per capita income for teaching those students. Reference is made to the accompanying chart which illustrates the fact that fifteen years ago we had available for teaching purposes $402. per student, whereas this session we hope to have available $245. per student. There has been a decrease each five year period, and I am greatly concerned because the attitude of many is toward a further reduction in the aid to the state colleges. To properly carry on the activities of teaching the students, we need next session $286. for each student on the basis of present enrollment. Please observe from the chart how the appropriation from state funds has gradually decreased while the appropriation from student funds has increased, yet on the other hand the trend of the student per capita income has been steadily downward.

As you know, Clemson receives its governmental support from three sources. Support for the session 1938-1939, is anticipated to be

(a) State Appropriation..................$ 115,500.00
(b) Fertilizer Tax (Net Estimate)........ 112,365.00
Total from the State.....................$ 227,865.00
(c) Federal Funds......................... 51,385.91
Total from Governmental Sources
for 2,100 students or
$133.00 per capita. $ 279,250.91

When reports of appropriations recommended by the legislative committees are made, the newspapers carry only that portion of our income which is derived from the State Appropriation. From time to time we receive numerous inquiries as to why Clemson's support is less than that for other state institutions. Those making inquiry do not take into consideration the fact that the sum of all three sources must be used in making comparisons or of arriving at the total governmental income for the college.
The enrollment was 1,258 students. The State provided 80 per cent of the cost.

This Session, 1938-39
The enrollment has increased 67 per cent, to over 2,100 students. The total income has increased by only 15 per cent. South Carolina is providing 43.9 per cent of the cost, a reduction of more than a third from this source in ten years.

The Need for Next Session, 1939-40
Is for the State to provide just a little more than half (51.9 per cent) of the cost of teaching; Is an appropriation of $201,011.00 by the Legislature and $112,365.00 from the Fertilizer Tax; Is for $286.00 per student for teaching activities.
First on the list is the state appropriation. Around ten years ago the State of South Carolina provided in round figures about $200,000, direct appropriation. With the depression this was reduced to $43,000, and has gradually been raised to $116,600, for this session. We were informed on several occasions that the abolition of scholarships and the requirement of each student to pay tuition would provide the necessary additional money for the college and the state appropriation should therefore be lowered. This did not work out in actual practice because more students entered Clemson each year which necessitated employing additional teachers, and purchasing additional supplies and equipment, all of which could not be had from the tuition and fees paid by these added students. You will recall that several years ago you authorized me to raise the laboratory fee from approximately three dollars per student to eighteen dollars per student. This, of course, was in addition to the tuition fee of sixty dollars fixed by law. Later you again authorized me to increase the tuition by five dollars and at the present time the students in Clemson pay the following toward the cost of teaching:

<table>
<thead>
<tr>
<th></th>
<th>S. C. Student</th>
<th>Out-of-State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$66.00</td>
<td>$166.00</td>
</tr>
<tr>
<td>Class and Laboratory Fee</td>
<td>18.25</td>
<td>18.25</td>
</tr>
<tr>
<td>Matriculation Fee</td>
<td>3.00</td>
<td>3.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$86.25</strong></td>
<td><strong>$176.25</strong></td>
</tr>
</tbody>
</table>

The accompanying charts show how the per capita income is divided between the student, the state, the Federal Government, and other sources.

In addition the student, of course, pays the full cost of all living expenses and activities. Neither the college nor the state makes any contribution to this phase of his work here at Clemson.

If you will refer to the chart, "Sources of Income for Teaching Activities", you will observe that ten years ago the State of South Carolina provided 80 per cent of the cost of collegiate activities. This session the proportion derived from state sources has decreased to approximately 43.9 per cent. If the State of South
Carolina through direct appropriation and from fertilizer tax provides around 52 per cent of the cost of teaching activities, Clemson can continue to function in keeping with other similar institutions.

Likewise the fertilizer tax has been gradually growing smaller. There was a time when each year the college received gross from $200,000.00 to $220,000.00 from this source. The indications are that we will receive $150,000.00 gross this season. All of you are familiar with the causes of the decrease in the fertilizer tax, and it is therefore not necessary to enumerate them here. It looks now that we need not at any time, certainly not in the near future, expect the fertilizer tax to come back to what it was a few years ago. In discussing Clemson's finances on occasions we are reminded by uninformed individuals that Clemson receives a large sum of money from the Fertilizer Tax and from the Federal Government. Such individuals who do not take the trouble to ascertain the facts assume that our income is far in excess of what it really is. This session the governmental income of four of the state colleges is anticipated to be as follows:

**GOVERNMENTAL INCOME FOR S. C. STATE COLLEGES**

<table>
<thead>
<tr>
<th>College</th>
<th>From Appropriation Act 1938</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of South Carolina</td>
<td>$325,000.00</td>
</tr>
<tr>
<td>The Citadel</td>
<td>141,800.00</td>
</tr>
<tr>
<td>Winthrop College</td>
<td>266,000.00</td>
</tr>
<tr>
<td>Clemson College</td>
<td></td>
</tr>
<tr>
<td>State Appropriation</td>
<td>$115,800.00</td>
</tr>
<tr>
<td>Fertilizer Tax - Net</td>
<td>112,365.00 (*)</td>
</tr>
<tr>
<td>U. S. Funds</td>
<td>51,385.91</td>
</tr>
</tbody>
</table>

(*) The gross Fertilizer Tax is estimated at $150,000.00. The cost of inspection and analysis must be paid before the balance can be used for Collegiate Activities.

I have already informed you that the student body at Clemson is larger by three to four hundred students than any other student body in the state. I refrain from publicly making any reference to these figures because the other colleges do not now receive a sufficient income as it is. Our duty is to secure more funds for Clemson and at the same time to help our associates to secure what they also need. No reference has been made to these comparative figures in any of our hearings or in any of our talks, but I am passing them on to you for your information. The State of South Carolina is small and its resources
During the Last Ten Years

(1) The enrollment has increased 67 per cent.
(2) The total income has increased 15 per cent.

During the Present Session, 1938-39

(3) The College has $111.00 LESS per student for teaching activities than it had ten years ago.

For Next Session, 1939-40

(4) Clemson needs $286.00 per student from all sources. The State has been requested to provide just a little more than half, or $148.00, per student from appropriation and Fertilizer Tax.
(5) The appropriation requested is $201,011.00.
The funds available per student for teaching activities have been gradually decreasing during the last 15 years. The State's contribution has decreased from approximately 80 per cent of the total to 43.9 per cent of the total.

Clemson needs $286.00 per student during 1939-40: (a) to provide an adequate teaching staff, (b) to purchase materials, supplies, and equipment for classrooms, shops and laboratories, (c) for maintenance of plant and fixed charges, and (d) for annual payment on Agricultural Building Bonds.

The Legislature has been requested to provide $201,011.00 for 1939-40. The balance needed is to be derived from the Fertilizer Tax, student fees, Federal funds, and miscellaneous.
are limited. However, since 1926 there has been a reduction of nearly $700,000 in the total appropriated by the Legislature to the six state colleges. For example, in 1926 with a $10,000,000 Appropriation Bill the colleges were allotted $1,763,204.00. In 1938-39, with a $12,500,000 Appropriation Bill the same six colleges were allotted $1,087,000.00, a decrease of from one sixth to the total of one twelfth of the total.

From the very beginning the fertilizer tax has been the means of carrying the college forward. During the early days the college was able to grow and expand at a time when adequate support from the Legislature would not have been possible. This has really been the very life blood of Clemson, but there appears to be a change in our midst and sometimes we look with misgivings as to the future of this source of income. Even though the fertilizer tax has meant so much to the institution, yet in the interest of the people whom the college serves it has advocated such practices as home mixing, the growing of certain crops to eliminate some use of fertilizers, the use of high grade fertilizers, all of which may reduce the tonnage and likewise the total of the tax.

I mention these as an indication of Clemson's desire to serve those who make its existence possible even to its own detriment.

THE FACULTY

The heart of any institution is the great group of men who from day to day labor with the students in and out of the classrooms. Fine buildings, a beautiful campus, much equipment do not make a college. Without well-trained teachers and teachers who are loyal and consecrated to their work Clemson or any other college would be a failure. In some of my reports I have called your attention to the fact that Clemson's salary scale is not comparable to other southern A. and M. Colleges. I do not know how it compares with salaries paid in South Carolina institutions, but I do know that we have lost outstanding men to other South Carolina institutions as well as other institutions throughout the nation. This form of "human erosion" cannot continue without seriously affecting the college. Therefore our
I have a request from representatives of the senior, junior, sophomore, and freshman classes that the Board of Trustees approve the present ring as a standard Clemson ring and that in the future no changes be made without your authority.

WORKMEN'S COMPENSATION INSURANCE

In compliance with the State Law the college in all of its activities pays annually a premium of $3,870.00 to insurance carriers to protect us against accidents and injuries to our employees in line of duty. In the future I feel that consideration to physical fitness should be given to persons employed by the college. For example, during the past year or two one of our professors, Dr. Pollard, has been twice injured by a fall and claims such as this are reflected in our experience rating. The law provides that such a person may at his own request and at the request of an employer be excluded from the provisions of the act. However, the employer cannot force the employee to forego this protection. In calling this to your attention I suggest that there might be some requirement as to physical fitness of those who enter the service of the college in the future.

THE NEW BARRACKS BUILDING

We expect to have completed by next summer the fifth new barracks building which contains 134 student rooms. Each room in this building will be equipped with a master keyed system of Yale locks. This is being tried as an experiment with the possibility of sometime in the future equipping all of our barracks rooms with locks. In times past this possibly would not have been a wise step. The time was when the Commandant and his assistants were able to make frequent inspections of the barracks. Sentinels walked posts at night, and other frequent checks were made in and around the students' living quarters. These buildings are now spread over a much larger area, and with the teaching duties required by the War Department of the army officers on duty here, they do not have the time to devote to room inspections as in the past. Also there has been a gradual change in the attitude of the army officers toward this type of activity. For example, the statement was made on one occasion that these men were not supposed to do "police duty" in the student body. Placing of locks on the doors would be a protection to the college property as
well as to the students' property. From time to time we have an outbreak of petty stealing because these buildings are wide open, and the students' property is exposed to all comers. I believe that the use of locks will be welcomed by the students, and in order to make it effective each student would be required at the beginning of the year to make a small deposit for a key, which deposit would be returned to him at the close of the year upon the surrender of his key. For the past several years we have experienced considerable difficulty in keeping up with the barracks property especially at the beginning and the end of the session. By having in advance determined the maximum number of students to be assigned to any one room in barracks, the furniture and fixtures can be arranged accordingly and the door then locked. Admission to the room would then be gained by only those possessing keys. This also brings up the question of the desirability of giving more attention to the care of the barracks property.

**FACULTY HOUSING**

For many years the college, of necessity, provided homes for all members of the faculty and other employees. As the college grew, and new members of the staff were added from time to time, it became impossible to furnish quarters to all. Something like twenty to twenty-five years ago, with the approval of the Board, a group of individuals purchased a tract of land from Mr. Aaron Boggs and opened up what is now known as North Clemson. Aside from the Boggs tract of land all other property in close proximity to the college was owned by the Calhoun Land Company. Today there are considerably more home off the campus, and our people have been encouraged all along to build their own homes wherever possible. A community made up of home owners is a much more stable community. The growth of the community off the campus added taxable property, and as a result a creditable high school was built and maintained. You will recall that for a number of years it was necessary for the college to make substantial contribution toward the local school because there was not a sufficient amount of private owned property in the school district to produce adequate revenue for school purposes. Twice within the last
few years additional areas have been opened up by the Calhoun Land Company, and the college has cooperated in providing electric service and water service. Last year you authorized the college to cooperate with the adjoining community in a system of water mains and fire protection. The people living off the campus voted to pay twenty cents per thousand gallons for water in addition to the regular price charged by the college of twenty-five cents per thousand gallons. Bonds were issued by the community, and in due course of time these water mains and hydrants will become property of the college under terms and conditions similar to the original agreement with the Fort Hill Land Company. In other words, a complete system of water mains and fire protection has been installed to serve the community without cost to the college or any obligation on the part of the college to pay for the installation.

The question of building lots is again becoming acute, and at the present time the only available lots are at some distance back in the woods and have none of the usual sanitary or other services. Yet the prices charged for these lots are on a par with the prices of city lots.

A bill has recently been passed by the General Assembly authorizing the Board of Trustees to sell or transfer certain properties other than the original Clemson tract. This bill was primarily for the purpose of straightening out the Nettles tract of the Pee Dee Station; however, it will also give the Board an opportunity to open up, when necessary, some areas in the Lee tract of land on the Pickens County side of the highway. Last summer we had a survey made of the territory on the hill above the Long residence, and our engineer reported that a number of desirable lots could be made available without interfering with the present college orchards or other residences in this area.

We have now in the college several of our older teachers and employees who are interested in building a home provided suitable location could be obtained. I think it would be well for the Board to give serious consideration to some plan for developing a section of the Lee property for the purpose of permitting college
employees to make a purchase of the land and to erect homes for their own use and for their families should they pass on first. It will be necessary that such a plan be carefully drawn up by our attorneys to prevent speculation and to require any persons who secure a lot to build within a given time and live thereon. If a sufficient number of lots could be sold, the returns from the sales could be used in grading roads and providing connections to the sewer and water mains which are impossible to properly do justice to the occasion without a great deal of preliminary work—especially a sensation of the fifty years' work of Clemence and the contribution to South Carolina.

In discussing housing, I think it would be well to consider the fact that those of us who live on the campus receive certain concessions or perquisites which are not available off the campus. A man who lives on the campus has certain services performed for him and he pays no city taxes to provide these services. In general the rental schedule on the campus has always been lower than that off the campus. We have attempted on several occasions, as you will recall, to make some readjustments of rents on the campus, but it is a rather slow process. Since it is no longer possible for the college to provide quarters for all of its members, and since it has become necessary to employ in recent years a large number of your instructors at very low salaries, I think it would be well to consider some policy such as giving first consideration to low-priced teachers and officers in assigning quarters. When an individual reaches a certain salary scale he could no longer be eligible for the benefit accruing to those of us on the college property. During the past several years we have converted at least four of the old residences, when vacated, into small apartments for our younger married couples. I shall ask your permission to give this further consideration and with your permission present to you some suggestions at a later meeting.

THE FIRST FIFTY YEARS

The Act of Acceptance was passed by the General Assembly of South Carolina in 1889, and at that time the college was incorporated. This year therefore marks the fiftieth anniversary of the beginning of Clemson. However, the real beginning was when
the students first came here in 1893. It has been customary, I believe, to think of 1893 as when Clemson started because at that time the faculty and students arrived on the campus for the first time. With this in mind I am suggesting that we begin to think of a semi-centennial celebration for 1943. We should make this a real occasion, and carefully make plans for the celebration. Plans should be drawn up and approved at least two years ahead of time because it would be impossible to properly do justice to the occasion without a great deal of preliminary work — especially a summation of the fifty years' work of Clemson and the contribution to South Carolina.

FINANCING A BUILDING PROGRAM

On several occasions there have been discussions in the newspapers and elsewhere of the state going into debt to finance a huge building program at the various institutions. In so far as Clemson is concerned, the State of South Carolina is directly responsible only for the bonds issued to provide matching funds for a general grant to erect the Textile Building. For your information as a matter of record I am listing the new buildings and additions to the college plant since 1935:

1. Agricultural Building (P.W.A.) $400,000.00
2. Barracks - 1936 (P.W.A.) 400,000.00
3. Barracks - 1938 (P.W.A.) 183,500.00
4. Textile Building (P.W.A.) 464,124.00
5. Addition to Field House (W.P.A.) 60,322.00
6. Addition to Chemistry Building 30,064.00
7. Addition to Y.W.C.A. 19,068.00
8. Additions to Dining Hall and Kitchen 43,000.00
9. Sprinkler System (Loan-Sinking Fund Com.) 38,243.00
10. Temporary Barracks 10,300.00

Total $1,658,821.00

This program is being financed as follows:

(a) Federal Grants $641,189.00
(b) State Bond Issue - Textile Building 300,000.00
(c) College Operating Income - Fertilizer Tax 288,307.00
(d) Student Fees 379,725.00
(e) Alumni and Friends 49,390.00

The Federal Grants were outright gifts to the college.

Item (b) of $300,000.00 for the Textile Building was provided from sale of Bonds authorized by the Legislature. The repayment of these bonds is to be made from the State Treasury.
The repayment of the $288,307.00 under Item (c) for the Agricultural Building and the Sprinkler System is to be made over a period of years from the Fertilizer Tax which is a portion of the Governmental Income for Clemson. The annual payment of principal and interest will vary between $12,000.00 and $14,500.00.

Aside from equipment badly needed in the Textile Building there are other prime needs for equipment in engineering, chemistry, and agriculture to take care of the enlarged student body. There is also another item which affects the whole college plant and that is an adequate water system. About three years ago, with the help of the W.P.A., a storage lake holding approximately ten million gallons of water was built on Hunnicutt Creek, and it was estimated that this would serve for a number of years to come. However, during the very dry season last fall, we were faced with a most serious situation, and at one time the use of water had to be greatly curtailed to prevent the possible closing down of school. A complete survey has been made of the situation, and it is recommended that we go to the Seneca River for a permanent source. There are at the present time a number of Clemson men who are superintendents of water systems over the state, and these old graduates, together with representatives of the State Board of Health and the Federal Government, gave us valuable suggestions and help with this survey. A number of complete plans and designs for modern water systems now in use were placed at our disposal.

We hope, however, that with normal seasons our present supply will be adequate for a few more years. However, I think it will be well for us to complete these plans and investigate the possibility of securing Federal assistance for such a project.

During the past six or eight years we have been able to enlarge the Mess Hall and Kitchen and to provide adequate bath facilities in Barracks No. 2 and No. 3. The bathrooms in Barracks No. 1 are old; the equipment is out of date and badly in need of repair. In fact some of the equipment is no longer manufactured, and repair parts are most expensive. The time has arrived when the students living in Barracks No. 1 should be provided with facilities at least on a par with those used by the students in the other buildings. The only method of financing such a project would be from the saving in the student living funds.
The wisdom of this method of providing these facilities may at any time be questioned, but on the other hand what else can we do? There is certainly no hope of the state being able to provide these necessities, and if we can continue so as to provide Barracks No. 1 with adequate bath and toilet facilities and make certain renovations such as repainting and repairing, I feel that we could then give consideration as to whether or not we should depend upon the present plan of keeping up these buildings.

The Class of 1915 has made the request for permission to erect a band stand on the college campus provided the Board of Trustees will authorize the same and permit them to use the name of the college in securing some labor and material from the W.P.A. to help finance the project. The promoters are Mr. Leon LaGrand, Architect, Greenville, South Carolina, and Mr. David Watson, of our staff. Mr. LaGrand proposes to prepare plans and specifications for such a band stand. If the Board approves of this project, the location will, of course, be determined by the proper committees. The Class of 1926 proposes to erect on the Greenville road rock gates similar to the ones on the Anderson road. This, I think, will add to the appearance of the campus and will indicate where the college property begins.

The new Federal Post Office Building is now well under construction. The Engineer in charge reports that this is to be one of the best constructed and best equipped small structures erected by the Government in recent years. The building was made possible through the activities of former Congressman J. C. Taylor of Anderson.

BOARD OF VISITORS

The 1939 Board of Visitors is to be selected at this meeting. You have already suggested to me the names of suitable persons and I shall present these names to the Board later in the meeting. The hold-over member from last year is Governor Burnet R. Maybank.
In addition to our appearance before the Budget Commission last fall we have been given the opportunity of appearing before the Ways and Means Committee of the House and the Finance Committee of the Senate in the interest of our finances. We have appeared before the Education Committees and the Agricultural Committee of the House as well as the Agricultural Committee of the Senate. These appearances were for the purpose of informing the gentlemen of the General Assembly of the work being done by the college and to acquaint them with our activities in general. We were cordially and courteously received by all these committees and it was very gratifying to see the interest manifested in the work of this institution. However, we were greatly disappointed when the Ways and Means Committee and the House of Representatives passed to the Senate the Appropriation Bill in which Clemson was greatly reduced. The amount set up and passed by the House of Representatives was $61,805.00 and unless this is remedied by the Senate we shall find ourselves in a most embarrassing situation. The per capita income for teaching purposes this present session is the lowest in fifteen years and I do not see how we can further reduce the amount available per student without jeopardizing the standing of the college and seriously handicapping our present set up.

USE OF GOVERNMENT-OWNED LAND

If possible we should give some answer in reference to the proposals for the use of government-owned land. The officials in charge of this phase of the government work are desirous of having a definite reply to their proposals in order that the question may be settled one way or the other. The Trustee Committee was given power to act and I hope that some conclusion may be arrived at during this meeting of the Board.

Respectfully submitted,

E. W. SIKES, President
RECOMMENDATIONS
March 24, 1939

1. Under authority of the By-laws I have accepted the following RESIGNATIONS and ask your approval of my action —

School of Agriculture and
Division of Agricultural Research

William M. DuPre, Assistant in Dairying; Salary $1,200.00; Effective December 31, 1938.

R. H. Jones, Instructor in Agricultural Engineering and Assistant in Agricultural Engineering; Salary $1,500.00; Effective February 4, 1939.

Extension Division

Donald Brewster, Forestry Specialist; Salary $3,600.00; Effective October 31, 1938.

Miscellaneous Division

Herbert Otto Chambers, College Chaplain; Salary $600.00; Effective November 30, 1938.

W. M. Dillard, Assistant Coach; Salary $1,800.00; Effective February 28, 1939.

2. I have granted the following LEAVE OF ABSENCE and ask your approval of my action —

J. G. Watts, Assistant Entomologist; from January 2, 1939 to March 16, 1939. Mr. Watts wished to pursue graduate work at Ohio State University. (Allowed him his month's vacation and one additional month with pay but did not pay him for the additional time.)

3. I recommend your approval of the following TRANSFER —

L. B. Massey, County Agent in Orangeburg County to position of District Agent — Piedmont District; Effective February 1, 1939. (To fill position made vacant by the death of Mr. A. A. McKeown.)

4. Under authority given me in the By-laws I have made the following APPOINTMENTS and ask your approval of my action —

School of Agriculture and
Division of Agricultural Research

O. B. Garrison, Assistant Horticulturist — Edisto Station; Salary $2,400.00; Effective February 9, 1939.

J. B. Richardson, Instructor in Agricultural Engineering and Assistant Agricultural Engineer; Salary $1,500.00; Effective February 5, 1939.

J. E. McCurry, Assistant in Dairying; Salary $1,200.00; Effective January 1, 1939.
Extension Division

Nascoe C. Bacote, Negro Farm Demonstration Agent; Salary $1,200.00; Effective January 1, 1939.

John Sewance Baskin, Temporary Appointment as Assistant in Extension Work; Salary $1,200.00; Effective February 6, 1939.

Alpheus Victor Bethea, Jr., Temporary Appointment as Assistant to Extension Economist; Salary $1,500.00; Effective January 16, 1939.

Marlin Harnen Bruner, Extension Forestry Specialist; Salary $3,200.00; Effective January 1, 1939.

Mike Leonard Cullum, Temporary Appointment as Assistant Marketing Specialist; Salary $150.00 per month; Effective December 5, 1938.

St. Clair Prothro Guess, Jr., Assistant County Agent; Salary $1,800.00; Effective February 13, 1939.

John Calvin King, Assistant County Agent; Salary $1,600.00; Effective January 14, 1939.

Robert Howe Lemmon, Jr., Assistant County Agent; Salary $1,800.00; Effective January 1, 1939.

Royce Miller, Jr., Assistant County Agent; Salary $1,800.00; Effective February 6, 1939.

Avery W. Williamson, Temporary Appointment as Assistant County Agent; Salary $1,800.00; Effective January 16, 1939.

Miscellaneous Division

David Arthur Clyburn, College Chaplain; Salary $600.00; Effective December 1, 1938.

Fertilizer Department

The following Fertilizer Inspectors to be paid $5.00 per working day (not to work over 90 days without receiving written permission from the Head of the Fertilizer Department):

R. B. Cunningham, Allendale
C. B. Ellis, Jr., Mayors Mill
Willie C. Jennings, Bennettsville
W. B. Kirby, Geoffney
M. B. Lawrango, Effingham
William H. Miller, Ninety Six
N. L. Maize, Route 2, Groceleyville
W. J. Maldrow, St. Charles
G. C. Pannell, Bolton
G. C. Templeton, Cross Anchor
J. C. Young, Hopkins
5. I recommend that under authority of an Act of the Legislature (Senate Bill 128) signed by the Governor on March 11, 1939, the Board of Trustees convey and make title to Mrs. Cribb that parcel of land containing 4.25 acres more or less and being a part of Tract No. 13 (Lucas Lot) of the Nettles property conveyed to the college by the Florence Investment Company on May 20, 1937. The tract to be conveyed was surveyed by R. W. Wheeler, Engineer of Florence, South Carolina, on January 18, 1939. Further, that in accordance with Section 5 of the By-Laws of the Board of Trustees the deed is to be signed by the President of the Board of Trustees and the Secretary of the Board of Trustees. (Note — At the October 1938 meeting the Board authorized that a part of the Lucas lot be exchanged with Mrs. Cribb for her lot by paying her $700.00 and having her assume the cost and responsibility of moving her residence, out-houses, shrubbery, etc. to the Lucas Lot.)

6. I recommend that the Board appoint a committee to work in cooperation with a college committee in preparing for the 1943 Semi-Centennial celebrating the opening of the college in 1893.

7. I recommend that the college continue its cooperative cotton spinning research program with the United States Department of Agriculture in the new textile building and that the agreement for 1939-40 be based on a flat rental of between $150.00 and $200.00 per month. In return for this rental the college is to furnish office space, laboratory space, storage space, certain machinery and equipment, and service of a janitor and a mechanic. This is in keeping with our present program except that payments are made on the basis of so much for each of the items listed above.

8. According to the state law the Trustees of Clemson shall meet at the call of the Governor and the meetings are virtually limited to two a year. This has caused some embarrassment in connection with our F.W.A. projects. I recommend that steps be taken to amend or change this section which now reads as follows:

"SECTION 5742. Meeting of Board — Remuneration. For the purpose of carrying out the duties hereby devolved upon them, the said board of trustees shall meet at the call of the governor, and at such time and place as he may designate. They shall receive no compensation, but shall be allowed their actual expenses, for not exceeding two meetings in one year, while engaged in the duties of the board imposed upon them by the preceding section."
9. I recommend that the Executive Committee of the Board in conjunction with the President of the College, the Business Manager, and the College Attorney, be authorized to investigate and recommend to the Board plans for developing certain areas of the Lee tract of land on the North side of the highway for building sites for college employees.

10. As a protection to the college in complying with the requirements of the Workmen's Compensation Act, I recommend that in the future more careful consideration be given the physical qualifications of prospective employees.

11. The Southern Bell Telephone Company requests authority to install a dial system at Clemson in keeping with their program for surrounding towns. This will entail an additional cost of $196.80 per year to be prorated among fifty college telephones. I feel that this will improve our service and ask your approval of the same.

12. I suggest that the general policy of the college be to limit the number of students in old barracks to three to a room and in the new barracks to two to a room, except for a few large rooms built to accommodate four students.

13. I recommend that the 1940 Class Ring be adopted as the official Clemson Ring. Representatives of the senior, junior, sophomore, and freshman classes request that this be done.

14. I recommend that authority be granted to renovate the bath rooms and toilets in Old Barracks No. 1 by using any balances that may be available from student funds — the plans, costs, etc., to be approved by the Executive Committee.

15. I recommend that the Class of 1915 be permitted to erect a Band Stand on the campus with funds collected from the members of the class, the structure and the location to be approved by the College Building Committee. The class representatives have proposed that the college authorize the use of its name to make this a W.P.A. project so as to secure a much better structure than would be possible with the available class funds.
16. I recommend that the Class of 1926 be permitted to erect a suitable gateway at the entrance of the college property on the Greenville Road. The design of the structure will be in keeping with the gateway on the Anderson Road. Details as to the construction of the project will be worked out with the College Building Committee.

17. Graduates in Agricultural Engineering have petitioned that the college make this a major course leading to a degree. The financial situation at the present time does not warrant additional expenses and I recommend that action be deferred until a later meeting.

18. The School of Chemistry recommends that authority be given to charge additional fees of each student taking laboratory courses in Chemistry. For the present I recommend postponement of consideration of this request.

19. I recommend that the 1939 Board of Visitors be elected at this meeting of the Board.

20. The representatives of the Federal Government have requested some action on the part of the college as to possible use of the Government-Owned land adjacent to the college. This is now in the hands of a Trustee Committee.
21. I recommend that the title of Mr. W. L. Lippincott be changed from Professor of Chemistry to Associate Professor of Chemistry.

22. I recommend that the following resignations be accepted:

T. H. Seabrook, County Agent -- Beaufort County; Salary $2,640.00; Effective April 15, 1939.

T. F. Ceolcy, Extension Dairy Specialist; Salary $2,700.00; Effective April 15, 1939.

23. I recommend that the Extension Division be authorized to employ Associate Professor George Nutt for some summer work and that Mr. Nutt be paid not in excess of $50.00 per month for this work.

24. I recommend that the South Carolina Experiment Station be authorized to purchase additional land for the Edisto Experiment Station at a cost not to exceed $2,500.00 using $1,200.00 of funds allotted for buildings and $1,300.00 from the Farm Products Fund. Also that Senator Edgar A. Brown be responsible for the purchase of the land selected. (Approved by Agricultural Committee)

25. I recommend that the roadways at the Pee Dee Experiment Station be dedicated as public highways and that appropriate rights-of-way be granted or other necessary transfer of land be executed by the college to the State Highway Department to assure the completion of the hard surfacing of these roadways and the installation of a desired railroad crossing near the east side of the station property. (Approved by Agricultural Committee)

26. I recommend that the college water service be extended to certain residents of the town of Calhoun for domestic purposes, under the same terms and conditions as now exist for the citizens of North Clemson with the exception that fire protection not be included.
To the Board of Trustees,
Clemson College,
South Carolina.

Gentlemen:

The Board of Visitors met at Clemson College on the third and fourth of May, visited buildings and farms, heard reports of officials, talked with faculty members and students, then retired for deliberation and adopted this report, which is respectfully submitted to you.

The Board is convinced that South Carolina's agricultural and general economic development will be speeded if functional education, such as students receive at Clemson, becomes more general. The fundamental rural need in South Carolina is for improvement in the working skill of people. This, also, is a general need. Men simply cannot do successfully what they do not know how to do. This Board believes a primary concern of every normal man is to earn a livelihood, therefore it believes a primary concern of education should be to teach him how to earn it. This is not an exclusive policy. It does not exclude or belittle the teaching of ideals. It does not exclude or belittle the desirability of pure culture. It does, however, seek to put an economic base under ideals and under culture. Without such a base the superstructures of civilization will totter.

This Board knows that Clemson College needs more and larger buildings, better equipment in some of the existing buildings, more money for plant maintenance, and that Clemson College could, if it

June 13, 1939.
had the facilities, add hundreds of students to its present enrollment. The same is true of many institutions. But this Board does not know where the money for all the needs is to be found, therefore it reluctantly refrains from recommendations for costly additions to plant equipment, and merely suggests respectfully that Clemson, as always, place emphasis on the quality of work done, rather than on numbers and size.

This Board hopes in all earnestness that it soon will be possible to raise the pay of faculty members and of officials, so that Clemson may hold the devoted and competent staff it now has, and add to it from time to time top flight men in the educational world. This seems of greater importance than plant expansion because the quality of the faculty determines the worth of most courses.

This Board respectfully suggests (1) that as soon as money is available for additional plant expansion and improvement, the hospital building be given precedence; (2) that the maintenance of existing buildings and equipment be given attention comparable with the attention given the matter of expansion of plant and equipment; (3) that the military program be expanded, if this is practicable and can be done without cost to South Carolina, to include one or more branches of service in addition to infantry, but the Board does not recommend that the military feature be made more impressive in the experience of Clemson students in peaceful and normal times; (4) that increased attention be given to training in forestry; (5) that the matter of weekend leaves and hitch-hiking by students be reexamined with a view to tightening requirements for leaves if reexamination shows that such
would be warranted; and (6) that, if practicable, increased emphasis be placed on the teaching of practical economics in relation to life and tasks in South Carolina.

One member of the Board asks that, in addition to these recommendations, the matter of hazing be reexamined also. The Board as a whole took no position on this matter because it did not come before the Board, but this member states that he has information that suggests the need for another look at hazing practices; and two members, after examination of the recommendations, find No. 5, concerning weekend leave and hitch-hiking by students in uniform, much milder than their feelings on the subject.

This Board assumed a special and agreeable task—the inspection by some of its members of the various experiment stations, and it urges that the fine programs of those stations be energetically pushed. It is apparent that South Carolina must have additional crops, and higher yields—hence lower costs—per acre for its present crops. The chance is at hand for South Carolina to improve its system of agriculture. The work of Dean Cooper in soil analysis and other work done by Clemson men shows how that improvement may be hastened. Clemson is the institution to lead rural South Carolina toward and to the achievement of a genuinely abundant life, which never in its recent history has it had except for a too limited number of persons; and Clemson is the institution to lead South Carolina toward and to the achievement of far greater technical skill than it has profited from in the past.

This Board knows that lack of money is a down-dragging handicap; but if there can be developed enough inspired leaders the standard of
workmanship will improve in South Carolina, then the standard of income may rise, and after that Clemson and all other institutions may have more money. The problem at the moment is how to do great work without the aid of great riches. That is not a novel problem for Clemson College to face, and solve.

Respectfully submitted,

A. E. Jury, Chairman
E. M. Meares
L. D. Holmes
C. S. McCall
J. Cornish Wilkinson
Thomas Ancrum
Edward H. McIver
Ernest R. Rosenberg
R. B. Caldwell
H. K. Osborne

James C. Derieux, Secretary.
BOARD OF VISITORS
THE CLEMSON AGRICULTURAL COLLEGE

1939

First Congressional District

Edward H. McIver, Charleston
W. K. Fishburne, Pinopolis

Second Congressional District

James C. Derieux, Columbia
C. F. Williams, Columbia

Third Congressional District

L. D. Holmes, Johnston
Ernest R. Rosenberg, Greenwood
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Fourth Congressional District

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H. K. Osborne, Spartanburg
J. D. Poag, Greenville

Fifth Congressional District

Thomas Ancrum, Camden
J. M. Wise, Chester
R. B. Caldwell, Chester

Sixth Congressional District

E. M. Meares, Nichols
C. S. McCall, Bennettsville

Hold-Over Member

A. E. Jury, Winnsboro
The Honorable Board of Trustees

of

The Clemson Agricultural College

Gentlemen:

As is required in the By-Laws, I have the honor of submitting herewith my annual report covering the work of the past fiscal year, 1938-1939.

FOUNDING OF THE LAND-GRAFT COLLEGES

In the founding of the land-grant or A. and M. colleges a distinct purpose was in mind. There was no need for an additional college of the usual kind. There was a sufficient number of this kind to satisfy the demand. At the time of the founding of Clemson there was in South Carolina a group of outstanding colleges whose scholastic standing was high, but these colleges did not give the type of instruction which Mr. Clemson and other advocates of the land-grant idea wanted given. These founders were taking the initiative in training the class of young men for whom no provision was made in other institutions. Agriculture and mechanics were not regarded as suitable subjects in a college curriculum. Agriculture was supposed to be learned by imitation and mechanics through apprenticeship.

Educationally these groups were forgotten.

The distinctive purpose of the A. and M. colleges was to train men in agriculture and mechanics. This has been the objective of Clemson College. The college has adhered to this objective. It has not tried to become a university where everything is taught. It has not tried to duplicate the work of the other schools in the state. It has studied the pressing needs of South Carolina and has striven to
meet them. It has combined theory and practice, and thus kept its feet on the earth. It has planned its courses to fit its students and endeavored to keep the cost as low as was consistent with good service. To keep the cost within the reach of the forgotten group has been one of the objectives.

Method of Instruction

Collegiate: The method adopted by these land-grant institutions has been twofold -- collegiate activities and public service. The first consists of training young men to carry out the objectives of the college. The curriculum, of course, had to be revolutionary. The mediaeval idea of classical studies as the core of education gave way to science. The laboratory and experiments took the place of books and memory. Enough of the old was retained to prepare men for special fields. As the high schools advanced their courses it became easier for these institutions to begin specialization earlier. It was observed that certain fundamental service courses were essential to progress in specialties. The major courses at Clemson have led to degrees in the various phases of agriculture and engineering. Valuable as certain studies are it has not been incumbent on Clemson to teach them.

Public Service: The college soon realized that science -- especially applied science -- was continually changing through new discoveries. Tradition, custom, imitation, and apprenticeship would not answer the purposes of such an institution. The result was the establishment of experiment stations in cooperation with the U. S. Department of Agriculture. In this way new knowledge was gained, new methods were found, and more authoritative information supplied to instructors. These stations and their methods of research have given the land-grant institutions their influence.

But it was soon realized that the dissemination of knowledge through students only was a long slow process. The researches of the scientists might remain for years locked up in their reports. It was felt that some method must be devised by which information could be quickly placed at the service of adults. To accomplish this there
was added a system of county farm agents and women home agents. Thus the extension department became the agency for the diffusion of scientific facts about the home and the farm.

When it was realized that live stock was an essential phase of agriculture and that this phase was hampered by the presence of diseases, a live stock sanitary division was added to the public service department of the college. Those engaged in public service represent the "outside faculty" of the college engaged in teaching adults and those who will never attend college.

Results Attained

For a generation these land-grant schools have been using these methods to accomplish their objectives. Their accomplishments now speak for themselves. The collegiate courses have become popular. Large numbers of students have flocked to these schools and they have become among the largest in the nation. They have modified the courses of private-related institutions and have stimulated the influence of the sciences in church-related schools.

Thousands have returned to the farms to use the knowledge gained in college. An "economy of scarcity" has given way to an "economy of plenty". The doctrine of Malthus that population would continue to grow faster than the food supply has been nullified. The problem now is how to dispose of the surplus. The yields per acre of all plants have been increased; many diseases of live stock have been eliminated or controlled; old crops have become profit producers; fertilizers have been evaluated, soils have been analyzed; and machinery has been made adaptable. There has come about more efficiency in every line of production. Intelligence has applied science and the scientific method in the solution of the problems. Producers of wealth have become eager to know the latest discoveries. South Carolina is a fine demonstration of what these schools have done. The five-acre contests revealed what could be done with cotton. The importance of good seed and the knowledge of adaptability of soils for certain crops have economized the energy of the farmer. South
Carolina dairy cattle are now in special demand. Poultry, hogs, fruits, and sweet potatoes have become money crops, and the money is widely scattered. It gets into circulation quickly and at a time when cotton money is exhausted.

The Present and the Future

Industry and agriculture are in a very volatile condition. Many of the farm practices will be changed. Agricultural ignorance can no longer make a farm profitable though the owner may belong to the intelligentsia. The day of profitable absentee ownership is passed. Intelligence must guide the plow, select the seed, choose the plant food, and market the product. A careful study must be given to old crops as well as new. The progress of South Carolina depends on its production and the fabrication of its products. To aid in doing these things, to take part in this readjustment, is the purpose of the A. and M. colleges. A good work has been done in the past, but a greater work is to be done now and in the future. We must not forget that the World War brought about not only political and social but economic changes, and that the radical political and social upheavals take their roots in economic conditions. Poor methods have made and kept South Carolina poor. Agricultural research reveals that four per cent of our farm land is too poor to support its population and that another forty per cent is barely sufficient. There is a task that must be met by agricultural intelligence. A hundred new imported industries will not remedy that condition. The effective method of attack is through trained men sent back to the farms, into the public schools, and as county agents. At present and in the future more emphasis will be placed on the social sciences. A great work has been done in the production of things that make life more comfortable. In the future more emphasis will be given as to how people are to live together and live wholesomely. A material civilization profiteth nothing if it gain the whole world and lose its own soul -- its finer self. This explains why the college is employing more trained men in these fields.
Location of Clemson Men

Clemson men are located in every county in the state. A survey was made of Anderson county to determine to what extent Clemson men remained in their home county and in South Carolina. The results showed that of the 820 individuals located 66 per cent still remained in South Carolina.

This is a conclusive answer to the oft repeated statement that college men leave the state. The study showed that agriculture furnishes vocations for the largest number. Many engineers are located in other places because South Carolina has been undeveloped in this field. However, with the increase of industry more and more are remaining in this state. The textile empire stretches from Danville, Virginia, through Alabama and in all these sections Clemson men are employed. Graduates of chemistry locate where chemical plants have been established. They too are now Southward bound. In other states there are large groups of graduates. New York, Philadelphia, Washington, Pittsburgh, Richmond, Atlanta, and North Carolina have large alumni chapters.

The Student and His Opportunities

Every county in the state is represented at Clemson varying from Greenville, Anderson, Spartanburg, and Charleston with more than a hundred each to Berkeley and McCormick with ten or less. The number and the distribution indicate that there is a demand for technical education. Were it not so 2,100 would not apply for it. The depression has caused many parents and young men to realize the importance of "training for a livelihood" in other ways than in the usual personal service professions. There is no overcrowding in these technical fields. There will not likely soon be too many trained in agriculture, textiles, engineering, or chemistry. Not for many years will there be a falling off in college attendance in South Carolina due to stationary population. Our high school population increases every year and with compulsory attendance will continue to do so. More than 30,000 students in South Carolina are taking vocational courses.
Clemson is not in competition with any other school in the state. For the young man who wants an education in agriculture, engineering, textiles, or the sciences Clemson is the place. If he does not want these he should seek another school. A good part of the success of Clemson is due to the fact that it pursues its own distinctive work. "Let the shoemaker stick to his last". Private-related schools have complained that low cost is the determining element in student attendance here. Free scholarships were abolished but the attendance increased. Tuition charges were increased with no free tuition but the attendance continues to grow. The desire for this type of education is the chief factor contributing to this increased enrollment.

Charges in these institutions should be kept low enough so as not to be prohibitive to the special group they were designed to help. The rich can go where they will. They have the power of choice. The wealthy institutions can be very selective and accept only those who manifest superior intellectual gifts. But those two classes do not make up the state. "Training for leadership" is a well-sounding slogan, but the followers need training also. They will select the leaders. Wellington said that Napoleon on the field of battle was equivalent to 40,000 troops. That may be true in war, but is it true "in the piping times of peace"?

Additions to the Curriculum

Technical schools cannot retain a fixed curriculum.

Clemson has found it necessary to abbreviate certain courses, enlarge others, and add new ones. It has been necessary to create a School of Textiles and a School of Vocational Education. Even now there is a pressing need for preliminary courses in forestry, chemical engineering, business management of industries, and some kind of trade course which will be different from engineering. It may not be expedient to major in some of these subject but the student should have introductory courses in the pursuits he is likely to follow.
FINANCIAL SUPPORT

The income of the college is not sufficient to do all that is needed to be done. There are no state-supported or church-supported colleges in South Carolina. There are only state-related and church-related institutions. For the last few years neither the state nor the church has manifested any great zeal in the financial support of higher education. Realizing this the President of Clemson College has spent much time this past year in visiting Clemson Alumni Chapters. The theme of the talks has been the need of financial support for operating the college so that the teachers may be better paid and more equipment and supplies made available. The administrators of other state-related colleges realize the condition and they met and organized a group to work together. We have all realized that "except we abide in the ship we will all likewise perish".

The action of the Budget Commission in reducing the budget in the middle of the session nullifies the purpose of a budget. It is embarrassing to an administration not to be permitted to carry out its contracts. To know that the General Assembly may at its will reduce salaries hampers the employment of such men as the college would like to secure. No man is inclined to give up a certainty to accept an uncertainty. It may be necessary in some departments of the government to fix salaries but with colleges this is a function of the trustees. It is hoped that this unwise and harmful policy will cease.

ACADEMIC STANDARDIZATION

For many years there have been standardizing associations. They have done much to improve the work and equipment of the colleges. Several years ago Clemson was approved for membership in the Southern Association of Colleges and Secondary Schools. This is the standardizing agency for all southern colleges. This recognition meant that Clemson graduates were admitted with advanced standing to institutions in various parts of the country and were recognized in other states. This has been a great advantage to our graduates. At the last session of this body Clemson was placed on the starred list as not meeting
some of the requirements. The committee wrote as follows:

"The committee notes that but 20 per cent of the faculty hold the Doctor's degree. Only one other land-grant college has such a low percentage. The percentage of faculty members with the Master's degree is smaller than that of any other land-grant college, and the percentage holding the Bachelor's degree is higher. The Committee does not suggest the discharge of any faculty member to remedy this condition. It suggests that those in service be permitted to secure advanced degrees. In employing new faculty members, it is suggested that the administration secure only those with advanced degrees.

"The appropriation to the library is quite small, much smaller than in the other land-grant colleges in the membership. The expenditure per student for books and periodicals appears to be but $2.70 for last year. The Committee considers the library vital to the welfare of any institution, and urges that proper maintenance be provided for it."

**Faculty Training and Degrees**

This raises the question of advanced training for the men who are to do the teaching in Clemson College. Many of our present staff have taken advanced degrees during the last fourteen years. Others have not manifested much concern about the matter. We were admitted to membership in the Southern Association when many of our older teachers had no advanced degrees. It was felt that this was excusable, but that it was inexcusable to continue to add young men without advanced degrees.

The teaching staff is composed of 131 men. Ninety-three of them are under 46 years of age. It is presumable that they will remain here for 25 years. Thirty of these younger men have not the advanced degrees required by the Southern Association. These thirty men are distributed among the schools as follows: Textile School 10, Engineering 8, Vocational Education 5, Agriculture 3, Chemistry 3, and General Science 1. Copies of the ruling of the Southern Association were distributed and discussed at a meeting of our Deans and Directors. Already some of the young men are planning to begin this summer work leading to an advanced degree. I plan to recommend to you --

(1) That in the future the college shall employ only teachers with advanced degrees or men who will contract to secure an advanced degree within four years from a well-established graduate school,
and that those without advanced degrees be elected for one year at a time until they have secured such a degree; (2) That all those 45 or under now teaching in the college be required to secure an advanced degree within the next four years from a well-established graduate school; (3) That no further promotion in title or salary be awarded to any teacher under 45 who fails to secure an advanced degree; (4) that the Deans be urged to encourage teachers over 45 to attend summer sessions in other institutions or professional conferences.

The Library

Something will have to be done to secure a larger purchase of books and periodicals for the library. The minimum requirement is $3.00 per student. Therefore, I feel compelled to recommend that an amount equivalent to $3.00 for each student be appropriated to the library for the purchase of books and periodicals. The other state colleges meet this requirement. For supplies Winthrop spent $5,000.00, The University $6,000.00, and Clemson $1,500.00. For all purposes Winthrop spent $17,668.50, the University $22,136.12, and Clemson $6,917.00. (See South Carolina State Budget 1939.)

SESSION OF 1938-1939

For the fourth time I am reporting to you the largest enrollment in the history of the college. A total of 2150 students enrolled at Clemson during the past session. Of this number, 2108 enrolled in September and 42 at the beginning of the second semester.

One hundred and ninety-one discharges were issued during the year.

The 1938-1939 enrollment is 12 per cent greater than the enrollment for the previous session, and 70 per cent greater than the enrollment in 1934-1935. Although the unusual growth of the college in recent years was preceded by a decrease from the previous record of 1377 students in 1930-1931 to the depression low of 1108 students in 1933-1934, the general trend in the enrollment of Clemson has been that of a continuous growth accompanied by an increase in the rate of growth.
The enrollment by classes was as follows:

- Seniors: 290
- Juniors: 389
- Sophomores: 615
- Freshmen: 842
- Special and Irregular: 11

Total: 2150

For your information I am listing the number of students majoring in each school of the college:

<table>
<thead>
<tr>
<th>School</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>School of Agriculture</td>
<td>367</td>
</tr>
<tr>
<td>School of Chemistry and Geology</td>
<td>62</td>
</tr>
<tr>
<td>School of Engineering</td>
<td>701</td>
</tr>
<tr>
<td>School of General Science</td>
<td>239</td>
</tr>
<tr>
<td>School of Textiles</td>
<td>370</td>
</tr>
<tr>
<td>School of Vocational Education</td>
<td>378</td>
</tr>
<tr>
<td>Specials</td>
<td>33</td>
</tr>
<tr>
<td>Total</td>
<td>2150</td>
</tr>
</tbody>
</table>

I believe you will be interested in the following table which shows the student-hour enrollments by schools. This table shows the teaching load of each school and is obtained by multiplying the number of students on each class roll by the hours taught each week for a semester.

<table>
<thead>
<tr>
<th>School</th>
<th>Theory</th>
<th>Practice</th>
<th>Both Semesters</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture</td>
<td>10,783</td>
<td>8,568</td>
<td>19,351</td>
<td></td>
</tr>
<tr>
<td>Chemistry and Geology</td>
<td>7,227</td>
<td>6,070</td>
<td>13,297</td>
<td></td>
</tr>
<tr>
<td>Engineering</td>
<td>6,217</td>
<td>16,316</td>
<td>22,533</td>
<td></td>
</tr>
<tr>
<td>General Science</td>
<td>28,194</td>
<td>7,285</td>
<td>35,489</td>
<td></td>
</tr>
<tr>
<td>Textiles</td>
<td>3,888</td>
<td>1,768</td>
<td>5,656</td>
<td></td>
</tr>
<tr>
<td>Vocational Education</td>
<td>1,086</td>
<td>2,557</td>
<td>3,643</td>
<td></td>
</tr>
</tbody>
</table>

Despite crowded conditions the Registrar's report shows that the percentage of students receiving A and B grades remained normal for the last few years. This is also true of the number receiving conditions and failures. During the past year the Freshman Class had considerably more men on the honor roll than in former years.
Board of Visitors

In accordance with the By-Laws of the Board of Trustees, the Board of Visitors for 1939 came to the college on May 3 and 4. The Board was composed of the following gentlemen:

Edward H. Mciver, Charleston
James C. Derieux, Columbia
L. D. Holmes, Johnston
Ernest R. Rosenberg, Greenwood
J. Cornish Wilkinson, Seneca
T. J. Hendrix, Duncan

H. K. Coburn, Spartanburg
Thomas Anorum, Camden
R. R. Caldwell, Chester
E. M. Neares, Nichols
C. S. McCall, Bennettsville
A. E. Jury, Winnsboro.

Mr. A. E. Jury was the hold-over member from last year. Mr. Thomas Anorum was elected hold-over member for 1940. Mr.
James C. Derieux was elected Secretary and I am quoting below the report which he has mailed to me.

"To the Board of Trustees
Clemson College
South Carolina

Gentlemen:

The Board of Visitors met at Clemson College on the third and fourth of May, visited buildings and farms, heard reports of officials, talked with faculty members and students, then retired for deliberation and adopted this report, which is respectfully submitted to you.

This Board respectfully suggests (1) that as soon as money is available the plant extension bureau can be expanded, if this is practicable and can be done.

This Board knows that Clemson College needs more and larger buildings, better equipment in some of the existing buildings, more money for plant maintenance, and that Clemson College could, if it
had the facilities, add hundreds of students to its present enrollment. The same is true of many institutions. But this Board does not know where the money for all the needs is to be found, therefore it reluctantly refrains from recommendations for costly additions to plant equipment, and merely suggests respectfully that Clemson, as always, place emphasis on the quality of work done, rather than on numbers and size.

This Board hopes in all earnestness that it soon will be possible to raise the pay of faculty members and of officials, so that Clemson may hold the devoted and competent staff it now has, and add to it from time to time top flight men in the educational world. This seems of greater importance than plant expansion because the quality of the faculty determines the worth of most courses.

This Board respectfully suggests: (1) that as soon as money is available for additional plant expansion and improvement, the hospital building be given precedence; (2) that the maintenance of existing buildings and equipment be given attention comparable with the attention given the matter of expansion of plant and equipment; (3) that the military program be expanded, if this is practicable and can be done without cost to South Carolina, to include one or more branches of service in addition to infantry, but the Board does not recommend that the military feature be made more impressive in the experience of Clemson students in peaceful and normal times; (4) that increased attention be given to training in forestry; (5) that the matter of weekend leaves and hitch-hiking by students be reexamined with a view to tightening requirements for leaves if reexamination shows that such would be warranted; and (6) that, if practicable, increased emphasis be placed on the teaching of practical economics in relation to life and tasks in South Carolina.

One member of the Board asks that, in addition to these recommendations, the matter of hazing be reexamined also. The Board as a whole took no position on this matter because it did not come before the Board, but this member states that he has information that suggests the need for another look at hazing practices; and two
members, after examination of the recommendations, find No. 5, concerning weekend leave and hitch-hiking by students in uniform, much milder than their feelings on the subject.

This Board assumed a special and agreeable task -- the inspection by some of its members of the various experiment stations, and it urges that the fine programs of these stations be energetically pushed. It is apparent that South Carolina must have additional crops, and higher yields -- hence lower costs -- per acre for its present crops. The chance is at hand for South Carolina to improve its system of agriculture. The work of Dean Cooper in soil analysis and other work done by Clemson men shows how that improvement may be hastened. Clemson is the institution to lead rural South Carolina toward and to the achievement of a genuinely abundant life, which never in its recent history has it had except for a too limited number of persons; and Clemson is the institution to lead South Carolina toward and to the achievement of far greater technical skill than it has profited from in the past.

This Board knows that lack of money is a down-dragging handicap; but if there can be developed enough inspired leaders the standard of workmanship will improve in South Carolina, then the standard of income may rise, and after that Clemson and all other institutions may have more money. The problem at the moment is how to do great work without the aid of great riches. This is not a novel problem for Clemson College to face, and solve."

Commencement

This year Commencement was held on Saturday, Sunday, and Monday -- June 3, 4, and 5. Saturday was Alumni Day. More alumni than usual were present. They came from three foreign countries, from various states, from the Atlantic seaboard to California, and from practically every county in the state. The alumni banquet was held on Saturday evening. Judge E. Duncan Bellinger made a most thoughtful address. Mr. T. Wilbur Thornhill of Charleston was elected president of the association for next year.

On Sunday an excellent sermon was preached by Dr. E. Gibson Davis of the First Baptist Church in Spartanburg.

On Monday Governor Burnet R. Maybank addressed the 2,49 members of the Senior Class. This is the largest class in the history
of the college and it is the first year the Governor of the State has delivered the graduating address. There was such a large attendance of parents, alumni, and friends, that every seat in the auditorium was taken.

Miscellaneous Facts

The Tiger Staff issued a special historical edition of 28 pages on the occasion of the fiftieth anniversary of the founding of the college. In 1889 the General Assembly of South Carolina accepted the bequest of Thomas G. Clemson.

The various athletic teams have had a most successful season. Southern Conference Championships were won in basketball and swimming. Clemson was ranked seventeenth in the nation in football. The boxing team was fourth in the Southern Conference; the baseball team tied for the State Championship; and the track team won the State Championship.

Eight of the varsity football players graduated and have been placed in the fields in which they majored. Quite a few of the graduates have already accepted positions and many have gone to work.

The annual R. O. T. C. Inspection was held on May 6 and 7. The Inspecting Officer graded the corps "Excellent" in every respect.

Due to the faithfulness and efficiency of Mr. S. W. Evans, Treasurer, collections for the past year were practically one hundred per cent.

Under the efficient management of Captain J. D. Harcombe, the Mess Hall has closed another year without the use of red ink.

All student activity finances now center in the office of the Business Manager. This work includes Athletics, The Tiger, Taps, and the Central Dance Association.

The Textile Building has been completed and occupied.

Another barracks is being completed. This building will house 260 students.
The Engineering Laboratory secured from Mrs. B. A. Behrend has been received by the college and installed in the Engineering Shop Building.

Each year many groups come to the college on tours of inspection — especially high school groups. During the past year special parades were given for the South Carolina Bankers' Association which was meeting in Greenville and for the Parent-Teacher Association which was meeting in Anderson.

The teachers have responded to the administration's encouragement for personal work among individual students. The classroom teacher is in an excellent position to help students with their scholastic and personal problems.

Several members of the faculty have been recognized as outstanding men in their fields. This is evidenced by invitations they have received to teach in the summer schools of other institutions, to deliver series of lectures at other colleges during the coming session, as well as by offers of fellowships in graduate schools and special summer employment to direct industrial enterprises.

PROSPECTS FOR 1939-1940

The number of prospective students requesting information from the college has again increased. The number of high school seniors recommended by cadets, high school principals, agricultural teachers, county agents, county superintendents of education, and others interested in the college, is also larger than the number recommended last year. The total number of prospective students written to or corresponded with prior to the middle of May had increased from 2,850 in 1937-1938 to 3,000 in 1938-1939.

By May 5, 1939 a total of 391 reservations had been made by prospective students interested in entering Clemson in September. The corresponding figure on May 5, 1938, was only 171.

It is estimated that a total of 1,400 upperclassmen will be enrolled for the 1939-1940 session of the college; the total enrollment will depend upon the number of new students accepted for admission.
FACULTY RETIREMENT

The By-Laws require the President to report those who have attained the age of 65 and make recommendations each year therefore as to their continuance until they reach the retirement age of 70.

The following have reached the age of 65, or will reach this age within a few months:

F. H. H. Calhoun  
W. E. Godfrey  
J. E. Hunter  
W. H. Mills.

I shall recommend that they be reelected for another year.

Professor A. G. Shanklin, 68, is carried as Professor-Emeritus. He no longer teaches but is part-time custodian of the Calhoun Mansion.

At the October meeting of the Board Mr. B. F. Robertson, 65, was relieved of his work as Chief Chemist but was continued as Toxicologist at his old salary. Dr. H. J. Webb was placed in charge of the Fertilizer Laboratory with no change in salary.

Dr. D. W. Daniel has passed the retiring age of 70. I report this to you for your consideration.

I myself reached the retiring age last year. I now ask to be relieved of the Presidency. To the General Assembly, the Trustees, Faculty, Students, Alumni, and Citizens of the State and Community, I can say with the Psalmist, "The lines have fallen to me in pleasant places".

CLEMSON'S PUBLIC SERVICE ACTIVITIES

Public Service is represented by the divisions of Agricultural Research, Extension, Live Stock Sanitary, and Fertilizer Inspection and Analysis. In cooperation with the United States Department of Agriculture this service is rendered direct to the public. In a sense the people so employed represent the "outside faculty". Appropriations are made for specific purposes and may not be used for operating the college proper. The popularity of this work demonstrates its usefulness.
The headquarters for the women workers is located at Winthrop College; the Live Stock Sanitary work is in Columbia; and the Negro work is at the A. and M. College in Orangeburg; but all the work is under the guidance of Clemson College.

The Extension forces are the connecting links between the Research Laboratories and the public. The Extension Division cooperates with federal agricultural plans but does not determine policies. For several years much of the time and energy of the Division has been diverted from its original work to administrative procedure. It was necessary to do this since the work is partly supported by federal funds. However, the county agents have frequently been held responsible and have been criticized for measures for which they were in no way responsible.

All of the public service divisions studied the needs of South Carolina and have tried to shape their activities to meet these needs. The Extension Division felt that there is a growing need for farmers to know the value of small wood lots and so an extension forester has been employed. Tobacco growers wanted to know more about suitable soils and the Research Division has placed special emphasis on investigations along this line. Bang's Disease has taken heavy toll from cattle and so the Live Stock Sanitary Department has stressed this work. Clemson College, while not neglecting the theoretical, has emphasized the real and the practical. This in part explains the influence of Clemson which is one of the younger A. and M. Colleges.

Full accounts of such work are printed in the annual report to the General Assembly so only a brief general statement is necessary here.

Director Cooper reports that, "The work of the Experiment Station has been carried on in a very satisfactory manner. The general public is taking more interest in the research activities of the station.

Dr. C. H. Aull was asked to serve on the committee consisting of nine members to make recommendations to the General Assembly toward the solution of the tax problem now confronting the state and to make recommendations on the advisability and practicability of reducing the expenses of the state by consolidation of departments and offices, and a more suitable system of taxation."
Several members of the Experiment Station have written guest editorials for "The State". Dr. G. H. Aull, Dr. B. C. Williams, Miss Mary Frazier, and Director H. P. Cooper have contributed guest editorials. These editorials have created a lot of interest in the work of the station. The editors of "The State" have followed up these editorials and this has given the Experiment Station activities considerable favorable publicity.

"The increase in the Bankhead-Jones research fund has made it possible to begin additional lines of research in Dairy Husbandry and Animal Husbandry."

"The work of the entire Station staff has been very satisfactory."

"One of the greatest needs of the Station at this time is additional funds under agricultural research to round out our local state research activities. The federal funds have to be used for fundamental work and cannot be used for work on local problems. The Federal Government expects the individual state to support research on local problems. We need more funds for what are commonly known as local service types of research. Since it will be a long time before we can hope to get adequate funds for this type of work, it is our plan to make each of the substations as nearly as possible self-supporting. In order to do this, it will be desirable to secure more land at the stations working with farm animals, as at the Sandhill Station and the Coast Station. More land is needed at both of these stations to have a more self-supporting organization. It is our hope to secure additional land for these stations while there is an annual increase in the Federal Bankhead-Jones funds. While it will not be desirable to uses these funds directly for the purchase of land, there will be opportunities for using this fund to support different lines of activity and relieve the farm products funds for the purchase of additional land. This will have to be done before a permanent program is approved for the expenditure of these funds. We will have a better opportunity now than later to make such use of federal funds. There is a possibility of around $14,866 additional funds being made available in addition to the amount budgeted and if this is available we wish the authority to make such adjustments in our budget that we can
spend up to $5,000 for additional land at the Sandhill Station and the Coast Station. This additional land will make these units more self-sustaining."

In writing about the Live Stock Sanitary work Dr. W. K. Lewis writes as follows:

"In accordance with the laws of the State of South Carolina this department is maintained in Columbia, South Carolina, in cooperation with the U. S. Department of Agriculture for the control and eradication of contagious, infectious and communicable diseases in live stock and poultry. At present we have an organization capable of taking care of live stock and poultry diseases within our state. During this time we have eradicated cattle fever ticks and have also tested all cattle in the state for bovine tuberculosis and at this time we do not know of any animals infected with this condition.

When this department was created by the Board of Trustees the hog cholera situation in our state was very serious. At present, due to the fact that this condition is being handled by licensed, graduate veterinarians, the infection has been reduced to the minimum, and this department is in a position to take care of the treating of hogs against cholera within the state. As an indication of the confidence that hog raisers have in this department, our records show that during the past year there was a twenty-seven per cent increase in the number of hogs treated. This is on a calendar year basis.

However, we feel sure that our fiscal year reports will show a greater increase.

"Our swine sanitation project is still growing in favor with the swine raisers and a great amount of good is being accomplished by those taking part in it.

"During the period from May 1, 1938, to April 30, 1939, a total of 223,933 specimens from all classes of live stock including poultry was examined in our laboratory, this being an increase of approximately 35,000 specimens over the previous twelve-months period which indicates that the live stock owners in our state are taking a greater interest in obtaining correct information regarding conditions in their live stock and poultry."
"This department is maintained by appropriations from the State of South Carolina and the U. S. Department of Agriculture.

"The U. S. Bureau of Animal Industry, Department of Agriculture, continues to cooperate with this department in bovine tuberculosis eradication and hog cholera control. Also on July 1, 1934, the Bureau established a plan for Bang's disease elimination in this state and since that date up to the close of March 31, 1939, we have tested a total of 25,333 herds containing 2,13,894 cattle. Full cooperation is being received from the livestock owners in having their cattle tested for this condition.

"Since the beginning of Bang's disease elimination work the Federal Government has paid indemnity to owners of Bang's disease reactors and up to the close of April 1939 a total of $161,930.95 has been paid to owners in this state for this purpose. On May 4, 1939, a bill was signed by the Governor making it an Act to pay State indemnity also for reactors to the Bang's disease test effective that date, which Act was necessary in order for this state to continue in the Bang's disease elimination plan in cooperation with the Federal Government."

In writing of the work of Fertilizer Inspection and Analysis Director Cooper states, "Ten efficient, well-trained district fertilizer inspectors have collected as of May 15, 1939, 4,781 official samples. Other than drawing samples for analysis these inspectors checked for tags, proper labeling and weight. Ninety per cent of all samples have been drawn on the farms rather than from mixing plants or dealers' warehouses. To date 2,400 samples have been analyzed and reported to farmers. At the present rate of analyzing the regular work will be completed by October 31, after which determinations will be made for acidity, basicity, available ammonia and chlorine (tobacco goods only).

"A high degree of efficiency and loyalty has existed in the fertilizer inspection and analysis personnel. On December 3, 1938, Dr. H. J. Webb was placed in charge of the fertilizer analysis work with the title of "Assistant Chief Chemist in Charge". Mr. B. F. Robertson, Chief Chemist is devoting his time to toxicological work."

Director Watkins reports that, "The Clemson College Extension
Service has directed its main emphasis in 1939 toward the following program:

(1) The establishment of a diversified agriculture on the farms of the state which would adequately supply the farm food and feed requirements, (2) the development of supplementary sources of farm income, (3) the training of farmers to become expert in the production and marketing of their products in order that they may produce economically and efficiently, and be able to meet competition from other areas, and (4) aid in the establishment of adequate market facilities for the surplus products grown on the farms of the state."

I am mailing you a separate report entitled "High Spots in Extension Work for 1938-1939".

The needs of the public service departments were presented to the committees of the General Assembly in an unusually impressively manner and found an appreciative response. These committees may not be able to finance properly this work but they certainly appreciate the significance of it.

Respectfully submitted,

E. W. Sikes, President
It is not possible to include in the President's annual report, mailed to each member of the Board sometime ago, final information as to our finances. This is to inform you that the college has satisfactorily wound up the fiscal year. We have met all of our obligations and were able to carry forward intact our "Working Capital" as well as some funds with which to purchase needed equipment for Collegiate Activities.

Clemson's income, other than the Fertilizer Tax, is received at regular intervals during the fiscal year. Most of the Fertilizer Tax is collected during the spring months just prior to the close of the fiscal year, and one-half or more is carried forward on July 1 for use during the next six months.

In the last five years the Fertilizer Tax increased from $154,000.00 in 1935 to $194,000.00 in 1937; then it dropped back to $167,000.00 in 1938. This spring it almost reached $170,000.00. Those ups and downs make it difficult to estimate our income from year to year. We therefore take the position that it is always safer to be conservative in preparing our budgets. Last year, for example, we were told that there would probably be a reduction of around 10 per cent in the 1939 tax. So last summer and fall when we made up our budgets, the Fertilizer Tax was estimated at $157,500.00. For several weeks in the early part of the season it appeared that this would be the case because the tax was running from $10,000.00 to $15,000.00 under the previous year. However, beginning with the middle of March there was a decided increase in the sales with results already stated.

During the closing days of the Legislature, mention was again made of the pooling of all state funds and having them appropriated by the General Assembly. Something like fifty years ago the Legislature authorized the Fertilizer Tax to be paid into the State Treasury subject to the order of the Board of Trustees of Clemson College. Should an act be passed, would it be possible to include a proviso authorizing that all the Fertilizer Tax be annually appropriated to Clemson? I mention this to you in order that we may all be thinking of future possibilities.

In 1927 Clemson was admitted to membership in the Southern Association of Colleges and Secondary Schools -- a voluntary organization for the purpose of maintaining educational standards. The association, having been founded by a group of literary colleges, its standards have not altogether been in harmony with certain of the objectives of the A. and M. colleges.
However, all the other A. and M. Colleges are meeting the requirements, and Clemson cannot afford to be listed as the only non-accredited Land Grant College in the South. To be accredited an institution must meet certain standards as to: (1) income; (2) professional training of teachers; (3) proper proportion of full professors, associate professors, assistant professors, and instructors; (4) teachers' salaries; (5) scheduled teaching hours; (6) students per teacher; (7) entrance requirements; and (8) library facilities.

On the staff of an A. and M. College there are two groups of teachers: (1) full-time teachers who do nine months' class room work and normally have about three months' vacation; and (2) part-time teachers in the School of Agriculture who are also research workers. This latter group, which normally has one month's vacation, receives more than fifty per cent of its pay from Federal and State research funds and its annual salary rate is higher.

Last year, after our annual report had been submitted to this organization, we were notified that; (1) too many of our teachers were without advanced training, (2) our salary scale for full-time teachers was below the minimum in too many cases, and (3) our library facilities were inadequate. It will take at least $17,000.00 to make adjustments in salaries and provide for the library. To care for the teaching load another year we will need six additional instructors costing around $8,000.00.

I have from time to time discussed with you, with our alumni, and with the Legislative Committees the need for strengthening and stabilizing our teaching staff and I feel that this must no longer be postponed.

In order to give some idea of how the proposed $25,000.00 is to be used, I am outlining below the approximate funds needed for the several different items. Provision should be made at this meeting of the Board for the library facilities and for the additional teachers. When it comes to the salary adjustments, a thorough study should be made of our salary roll taking into consideration all factors involved and detailed recommendations to be made at the October 1939 meeting; however, it would be necessary for the Board to approve the plan in a general way without making any recommendations as to definite salary adjustments.
Proposed Additions to Collegiate Activities Budget

A. To meet minimum requirements of Southern Association of Colleges

1. Library

(a) Minimum addition for books and periodicals... $5,000.00
   The present requirement is $3.00 per student.
   In the regular budget is an item of $1,000.00.

(b) Full-time trained Assistant Librarian $1,500...... 2.00
   In the present budget we have for:
   Part-time librarian $598
   Student help 900
   $1,796
   The standard requirement for the Library
   staff at Clemson is $10,000. The budget
   carries approximately $6,000. We will
   probably be required to add to our staff
   in another year or so.

2. Teaching Staff

(c) To meet minimum salary requirements (estimate)... $6,000.00

The Salary Requirements Are:

<table>
<thead>
<tr>
<th>Salary Level</th>
<th>Minimum</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professors</td>
<td>$2,700</td>
<td>$3,000</td>
</tr>
<tr>
<td>Associate Professors</td>
<td>2,100</td>
<td>2,400</td>
</tr>
<tr>
<td>Assistant Professors</td>
<td>1,800</td>
<td>1,800</td>
</tr>
<tr>
<td>Instructors</td>
<td>1,200</td>
<td>1,350</td>
</tr>
</tbody>
</table>

Salary scales at other A. and M. Colleges must
also be taken into consideration in order to
attract and retain competent teachers.

B. Additions to staff and salary adjustments

(d) Needed additional salary adjustments (estimate)... $5,000.00

(e) Additional teachers for 1939-1940................. 8,100.00

<table>
<thead>
<tr>
<th>Instructor</th>
<th>$8,100</th>
</tr>
</thead>
<tbody>
<tr>
<td>In English</td>
<td>1,200</td>
</tr>
<tr>
<td>In Social Sci.</td>
<td>1,200</td>
</tr>
<tr>
<td>In Engineering</td>
<td>1,800</td>
</tr>
<tr>
<td>In Agriculture</td>
<td>1,800</td>
</tr>
<tr>
<td>In ?</td>
<td>1,500</td>
</tr>
<tr>
<td>Graduate Assistant</td>
<td>600</td>
</tr>
</tbody>
</table>

The number of teaching hours in the class
room is 16 credit hours. This is to allow
time for cutios other than actually holding
classes. Actual full-time scheduled hours
vary from 16 in English to 30 in shops and
laboratories.

Approximate Total........................................... $25,000.00

Note: This total does not include the addition of a
Professor of Forestry, a Professor of Chemical
Engineering, or any unforeseen additions and
changes.
Since the State has been unable to provide the funds to make the
adjustments, I shall later make recommendations as to some rearrangement
of the student funds without increasing the cost to the student. It
appears that the recent tendency throughout the country is to require the
student to pay more of the cost of his college education.

The 1939 Legislature fixed tuition at $60.00 for resident
students and $200.00 for non-resident students. Last year the colleges
were permitted to charge from $60.00 to $70.00 for South Carolina students
and an additional $90.00 for out-of-state students. Clemson collected
$65.00 and $155.00 respectively. Under the new Act, our total receipts
from the tuition fees should remain about the same regardless of the
change. This is shown in the tables of figures which come later.

The Registrar's records for 1938-1939 show the enrollment to be:

<table>
<thead>
<tr>
<th></th>
<th>1938-1939</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Carolina Students</td>
<td>1887</td>
</tr>
<tr>
<td>Out-of-State Students</td>
<td>260</td>
</tr>
<tr>
<td>Total Enrollment</td>
<td>2147</td>
</tr>
</tbody>
</table>

This includes regular cadets, day cadets, and special students.
The average for the year was 2,030 and the maximum in college was 2,090 on
October 1, 1938. Approximately 200 students did not live in the barracks.
These are known as day cadets and special students and some of these come
a distance of eighteen miles each day to classes.

A large percentage of our non-resident students are from the
neighboring states of North Carolina, Georgia, Florida, and Tennessee. The
change in the non-resident tuition is in keeping with the policy of many
states, but for next year we may have a smaller number of freshmen from
out of the State. If we hold our total enrollment to that of last
session the average for the year will probably be:

<table>
<thead>
<tr>
<th></th>
<th>1939-1940</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Carolina Students</td>
<td>1800</td>
</tr>
<tr>
<td>Out-of-State Students</td>
<td>230</td>
</tr>
<tr>
<td>Estimated Average Enrollent</td>
<td>2030</td>
</tr>
</tbody>
</table>
### WHAT THE STUDENT PAYS

(Does not include uniforms)

<table>
<thead>
<tr>
<th>Item</th>
<th>Actual 1938-1939</th>
<th>Possibilities for 1939-1940</th>
</tr>
</thead>
<tbody>
<tr>
<td>Board</td>
<td>$114.00</td>
<td>$135.00*</td>
</tr>
<tr>
<td>Laundry</td>
<td>15.75</td>
<td>15.75</td>
</tr>
<tr>
<td>Heat, Light and Water</td>
<td>19.80</td>
<td>19.80</td>
</tr>
<tr>
<td>Incidental for Barracks</td>
<td>6.00</td>
<td>8.00</td>
</tr>
<tr>
<td>Room Fee for Beds</td>
<td>13.50</td>
<td>13.50</td>
</tr>
<tr>
<td>Hospital Fee</td>
<td>12.00</td>
<td>12.00</td>
</tr>
<tr>
<td>Matriculation Fee</td>
<td>3.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Class, Laboratory and Library Fee</td>
<td>18.25</td>
<td>28.50*</td>
</tr>
<tr>
<td>Student Activity Fee</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>For the Session</td>
<td>$249.30</td>
<td>$250.55</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tuition for South Carolina Students</th>
<th>$65.00</th>
<th>$60.00</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total for S. C. Students</strong></td>
<td>$314.30</td>
<td>$310.55*</td>
</tr>
<tr>
<td>Tuition for Non-Residents</td>
<td>$155.00</td>
<td>$200.00</td>
</tr>
<tr>
<td><strong>Total for Non-Resident Students</strong></td>
<td>$409.30</td>
<td>$350.55</td>
</tr>
</tbody>
</table>

Income Derived from Tuition, Class, Laboratory, and Matriculation Fees

<table>
<thead>
<tr>
<th>Item</th>
<th>$158,020</th>
<th>$154,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class and Laboratory Fee</td>
<td>37,050</td>
<td>57,855</td>
</tr>
<tr>
<td>Matriculation</td>
<td>6,400</td>
<td>6,400</td>
</tr>
</tbody>
</table>

**Total**                                               | $199,470         | $218,255                    |

Increase over 1938-1939: $8,127. 18,785

Amount Paid for Board: $264,816. 248,265

Possible Decrease: 16,551

(*) Explain changes in figures marked with asterisk.
Graduates of 1939

SCHOOL OF AGRICULTURE
Bachelor of Science Degree

Agriculture—Agricultural Economics Major
Robert Floyd Anderson................. Ninety Six
Charles Mansy Aikin.................. Newberry
George Albert Briddis............... Wagner
Greer Inman, Jr........................... Belton
Thomas Benson Young, Jr.................. Florence

Agriculture—Agronomy Major
Otis Lee Copeland, Jr.................. Elkhart
Henry Mathew Crouch.................. Saluda
Robert Bruce Pickering................. Blackville
Joe Burress Howie....................... Anderson
Champ McMillian Jones.................. Duscalville
John Drake Watson...................... Florence

Agriculture—Animal Husbandry Major
Thomas Ernest Bell, Jr.................. Lytle
William Dempster Coleman, Jr......... Bamberg
Bennett Lee Hendricks, Jr.............. Duscalville

Agriculture—Dairy Major
Irvin J. Foster......................... Chumas
William Thomas Foster.................. Chumas
William Alexander House................. Leray

Agriculture—Entomology Major
Frank Thompson Arnold, Jr.............. Spartanburg
Ernest Charles Sturgis................. Detroit, Mich.
Wille Mele Terry, Jr.................... Martin

Agriculture—Horticulture Major
Charles David Ballenger................. Greer
Guy Eugene Blackwell............... Inman
John Francis Bradford................. Orangeburg
Hercule Metteaux Carlington........... Bennettsville
Roy Major Dobson....................... Greer
Roy James Fewes......................... Cavourha
James Waters Gilbert................... Rodman
Algeron Harvey Smith................... Ellmore

Agricultural Engineering
Carroll Eugene Hendrick................. Greenville
Henry Keller Horline..................... Spartanburg
William L. Lee.......................... Hanner
Bryan Edgar Scott...................... Bishopville

SCHOOL OF CHEMISTRY
Bachelor of Science Degree

Chemistry

* Thomas Rutherford Bulbrook............. Savannah, Ga.
Stanley Jeffrey Bond.................... Laurens
Lawrence Taylor Garlick................. Hopkins

Chemistry and General Science

*Norwood Rufus Page..................... Lake View

*With honor.
SCHOOL OF ENGINEERING
Bachelor of Science Degree

Architecture
William Ernest Brackett, Jr. - Hendersonville, N. C.
William Atkin Carlin - Columbia
Paavo Carlisle - Brooklyn, N. Y.
Abel Hugh Chapman, Jr. - Spartanburg
Robert Moorhead Coxe - Clemson

Chemical Engineering
James Harold Bracey - Columbia
Henry McLean Cooper - Charleston
Jack Lee Wills - Charleston

Bachelor of Civil Engineering Degree
Edward Parshing Abrams - Newberry
Fred Harvey Ball Callhoun, Jr. - Clemson
Willa Stanfield Casen - Savannah, Ga.
David DeWitt Crosby - Chester
Paul Glenn Ford - Clover
Claude Everett Johnson - Newberry
Leonard Franklin Jones - Wallalla

Bachelor of Electrical Engineering
Ernest Otto Botta, Jr. - Abbeville
David Gilbert Burress, Jr. - Pendleton
Louis Aaron Cismis - Columbia
Philip Noell Drew - Columbia
Harry Fehanlan - Columbia
William Henry Frasier, Jr. - Drexel, Ala.
Arthur Reht Garner, Jr. - Timmonsville
Malcolm Cloud Johnson - Cottageville
John Martin Koe - Rock Hill
Kenneth Jones McCown - Anderson
Engines Thompson McCurry - Anderson

Bachelor of Mechanical Engineering Degree
Luther Rutherford Ambron, Jr. - Plantersville
John Robert Bailey - Florence
Theodore John Boudell - New York, N. Y.
William Nelson Boyd - Sumter
James Clinton Cook, Jr. - Sumter
Charles Alexander Dewey, Jr. - Ashville, N. C.
James Hugher Harrison - Troy
Robert Love Henry, Jr. - Simpsonville

PROFESSIONAL DEGREE OF ELECTRICAL ENGINEER
Norman Frederick Bode...College Station, Tex.

PROFESSIONAL DEGREE OF MECHANICAL ENGINEER
Edwin Jones Freeman - Clemson
Earle Monroe Morecock - Rochester, N. Y.
Paul Lindsey Tollison - Plainfield, N. J.

*With honor.
SCHOOL OF GENERAL SCIENCE
Bachelor of Science Degree

General Science

Lucien Charles Balles Anderson
Furman Gast Boho Greenville
Frank Jackson Byrne Florence
Benjamin Oliver Causey, Jr. Sumter
John Wallace Cuthbert, II Winnsboro
Alan Johnston Coleman Aiken
Robert Wesley Coleman Byrnes
James Frank Copeland, Jr. Thomsonville
James Cole Covington, Jr. Columbia
Willard Thompson Cox, Jr. Beaufort
Newell Dwight Crawford Clemson
Martin Crook, Jr. Spartanburg
Joseph Edward Dixon Columbia
Prampton Wyman Durham Aiken
Hugh Abram Gichrist Edgefield
Clell Aguinalt Gofrus Fitzgerald, Ga.
Joseph Hector Gurns Denmark

Thomas Glenn Howard Lyman
Frederick Hughes North Charleston
Ellis Peinton Johnston Newberry
Thomas Oregon Lawton, Jr. garnett
Howard Joseph McAlhany Branchville
Robert Ryan McCray Clinton
William Chambers McGregor Anderson
Watson Wesley Mapes Nashville, Tenn.
John Ryd Murphy Davenport
George Marshall Newnam Charlotte, N. C.
James Royce Nichols Hodges
Elton Wesley Shepherd Savannah, Ga.
Stephen Lee Sharron Walterboro
Tom Franklin Sandfield Cordova
Thomas William Talbert Columbia
Hiram Phillip Troy, Jr. Elmore
Henry Woodbury Moore Walterboro

SCHOOL OF TEXTILES
Bachelor of Science Degree

Textile Chemistry

Tally Doyle Fulmer Saluda
Clifford James Gordon Cranton, N. C.
Robert Adams Guy Chester

Harry Carlisle Ayinger Orangeburg
Harold Webster Bowers Columbia
Ralph Welcome Boys Tuscaloosa, N. C.
Richard Hamrick Burton Anderson
Fred Elma Culverson, Jr. Kershaw
Andrew Moffatt Evans Alabaster
Harry Earl Foster Pendleton
James Blair Yeamer Blair
William Franklin Gates, Jr. Anderson
Zack Gray Gray Court
William Thomas Henderson, Jr. Greenville
William Finchley Irwin Spartanburg
Edwin McElhaney Jones Greenville
Bernard Hardin Keitt Newberry
Elliott Melville Loyless, Jr. Greenwood

Textile Engineering

Josef Foden Maroney Fountain Inn
William Henry Mosecon, Jr. Columbia
James Benjamin Montgomery Spartanburg
Benjamin Franklin Pearson, Jr. Savannah, Ga.
Jed Hallman Rodeiff Aiken
Harry Gould Salley Blythe
John Elliott Simmons, Jr. Columbia
Albert Wyrch Smith, Jr. Anderson
Joseph Gordon Smith Clearwater
John Edgar Sullivan Anderson
John Nixon Talbert Troy
William Harold Tuckerton Anderson
Eber Hilliard Thomas, Jr. Greenwood
Fred Allen Thompson Williamston

Weaving and Designing

Robert Gordon Carson, Jr. Orangeburg
Lee Edward Waters Savannah, Ga.

*With honor.
SCHOOL OF VOCATIONAL EDUCATION
Bachelor of Science Degree

Vocational Agricultural Education

Blenheim  J. B. Spalding
Dale City  L. L. Asbury
Lexington  G. N. Harmon
Nicholas  J. E. Ennis
Saluda  L. E. Johnson
Starr  J. W. Johnson
Springfield  R. H. Fout

DEGREES CONFERRED FEBRUARY 7, 1939
Bachelor of Science Degree

Agriculture—Agricultural Economics Major

John Seaman Basham  - Ridgeway

Agriculture—Animal Husbandry Major

James Herbert Lever, Jr.  - Columbus
George Hewett McCalley  - Anderson
Ernest Allison Martin, Jr.  - White Hall

General Science

Joseph Samuel Palmer  - Allendale

Textile Engineering

Virgil Adrian Ballard, Jr.  - Arcadia
Robert Clarence Hayward, Jr.  - Rockingham, N. C.

Vocational Agricultural Education

Myers Thomas Hambright  - Grover, N. C.
Francis Martin King  - Seneca
Charles Willis Prince  - Six Mile
Jacob Ralph Pitcher  - Holly Hill
Charles Harris Sweet  - Walterboro

Industrial Education

Margaree Marion Miller  - Charleston

Bachelor of Civil Engineering

John Franklin Chandler  - Seneca

*C With honor.

I recommend that the Bachelor of Science degree be conferred on the following applicants for a degree when they shall have completed the requirements for graduation:

C. L. N. Baldwin  P. K. Dulin  C. D. Shoaly
P. D. Benson  J. H. Ferguson  L. C. Smith
C. V. Black  L. C. Horner  G. C. Staley
I. C. Blake  J. H. Lapham  N. L. Stone
T. M. Champion  J. T. Lyles  L. F. Thomson
A. D. Chapman  R. H. Lynes  J. B. Wakefield
G. R. Coker  P. H. McCorkle  J. M. Williams
F. S. Dorrick  R. V. Martin  D. J. Willis
T. W. Dillard  F. E. Poeblos  L. E. Yelton
J. T. Doux  R. H. Rivenbark
2. Under authority of the By-Laws I have accepted the following RESIGNATIONS and ask your approval of my action --

School of Agriculture and Division of Agricultural Research

J. L. Fulmer, Assistant Professor of Agricultural Economics and Assistant Agricultural Economist; Salary $2,421.00; Effective June 15, 1939.

M. A. Rice, Assistant Professor of Botany; Salary $1,800.00; Effective September 1, 1939.

School of Engineering

J. T. Massey, Instructor in Electrical Engineering; Salary $1,600.00; Effective August 31, 1939.

H. E. Slone, Assistant Professor of Electrical Engineering; Salary $1,800.00; Effective September 1, 1939.

School of General Science

H. C. Brearley, Professor of Sociology and Psychology; Salary $3,000.00; Effective September 1, 1939.

F. M. Durham, Instructor in English; Salary $1,200.00; Effective June 30, 1939.

School of Textiles

C. R. Barton, Assistant Professor of Carding and Spinning; Salary $2,100.00; Effective April 16, 1939.

S. M. Newsom, Instructor in Textiles; Salary $1,800.00; Effective July 31, 1939.

Extension Division

R. W. Hamilton, Assistant to Director and Extension Agronomist; Salary $3,720.00; Effective May 15, 1939.

3. Under authority given me in the By-Laws I have made the following APPOINTMENTS and ask your approval of my action --

School of Agriculture and Division of Agricultural Research

F. H. Taylor, Instructor in Botany; Salary $1,800.00; Effective September 1, 1939.

H. M. Covington, Anderson Fellowship; Salary $400.00; Effective September 1, 1939.
School of Engineering

W. L. Stevenson, Jr., Assistant Professor of Electrical Engineering; Salary $1,800.00; Effective September 1, 1939.

School of Textiles

W. E. Williams, Assistant Professor of Weaving and Designing; Salary $2,400.00; Effective April 17, 1939.

Gordon B. N. Walker, Instructor in Textiles; Salary $1,800.00; Effective September 1, 1939.

Extension Division

F. W. Corley, County Agent; Salary $2,700.00; Effective May 16, 1939.

J. M. Jeter, Assistant County Agent, Salary $1,800.00; Effective June 1, 1939.

O. L. Copeland, Jr., Office Assistant; Salary $1,200.00; Effective June 12, 1939.

4. SECOND YEAR APPOINTMENTS. The following teachers and officers having served satisfactorily in their various positions for one year, I recommend that they be elected for a period of time expiring at the pleasure of the Board of Trustees:

School of Agriculture and Division of Agricultural Research

W. Kygor Bing, Instructor in Agricultural Economics; Salary $1,200.00; Appointed August 23, 1938. (*)

J. V. Jones, Instructor in Agronomy and Assistant Agronomist; Salary $2,208.00; Appointed June 23, 1938.

J. B. Richardson, Instructor in Agricultural Engineering and Assistant Agricultural Engineer; Salary $1,500.00; Appointed February 23, 1939.

H. T. Polk, Associate Agronomist; Salary $2,400.00; Appointed June 15, 1938.

H. A. Einstein, Hydraulic Engineer; Salary $3,800.00; Appointed July 1, 1938. (Includes U. S. Department of Agriculture salary of $2,000.00.)

Jack Edwards, Foreman Edisto Station, Salary $1,200.00; Appointed July 1, 1938.

H. L. Fulmer, Associate Rural Sociologist; Salary $1,000.00; Appointed July 1, 1938. (Contingent upon renewal of cooperative agreement with the General Education Board -- said Board to contribute $2,400.00 toward Dr. Fulmer's salary.)

F. C. Miller, Associate Dairyman; Salary $2,500.00; Appointed July 18, 1938.

(*) Provided he agrees to secure his Master's degree within the next four years from a well-established graduate school.
Division of Agricultural Research (Continued)

G. H. Dunkelberg, Assistant Agricultural Engineer; Salary $1,800.00; Appointed August 13, 1938.

E. J. Lease, Associate Chemist; Salary $2,400.00; Appointed September 1, 1938.

J. E. McCurry, Assistant in Dairying; Salary $1,200.00; Appointed July 1, 1939.

O. B. Garrison, Assistant Horticulturist; Salary $2,400.00; Appointed February 9, 1939.

School of Engineering

J. K. Chapman, Assistant in Wood Shop; Salary $1,200.00; for nine months' work; Appointed September 28, 1938. (*)

G. A. Douglass, Assistant in Engineering; Salary $1,200.00; for nine months' work; Appointed September 12, 1938. (*)

J. T. Massey, Instructor in Electrical Engineering; Salary $1,600.00; Effective September 30, 1938. (*)

J. B. T. Downs, Instructor in Mechanical Engineering; Salary $1,800.00; Appointed October 1, 1938. (*)

(*) Provided he agrees to secure his Master's degree within the next four years from a well-established graduate school.

School of General Science

J. C. Green, Assistant Professor in English; Salary $1,800.00; Appointed September 1, 1938.

(The following are recommended for Second Appointment of one year and not for a period of time expiring at the pleasure of the Board.)

F. H. Durham, Instructor in English; Salary $1,200.00; Appointed September 1, 1938.

R. H. Gaugh, Instructor in English; Salary $1,200.00; Appointed September 1, 1938.

J. E. Kendrick, Instructor in History and Government; Salary $1,200.00; Appointed September 1, 1938.

W. G. Miller, Instructor in Mathematics; Salary $1,200.00; Appointed September 1, 1938.

I. P. Orons, Assistant Professor in Physics; Salary $1,200.00; Appointed September 1, 1938.
School of General Science
(Continued)

(The following are recommended for Third Appointment of one year and not for a period of time expiring at the pleasure of the Board.)

L. C. Kelly, Instructor in Mathematics, Salary $1,200.00; Appointed September 1, 1937.

C. E. Kirkwood, Instructor in Mathematics, Salary $1,200.00; Appointed September 1, 1937.

J. A. Dean, Instructor in English and French; Salary $1,200.00; Appointed September 1, 1937.

R. C. Walker, Instructor in History and Government; Salary $1,200.00; Appointed September 1, 1937.

Military Department

Major Glonn D. Hufford, Assistant Commandant; Salary $2,000.00; Appointed September 1, 1938.

Sergeant Otis A. deWitt, Clerk; Salary $420.00; Appointed September 1, 1938.

Extension Division

J. L. Brown, Assistant in Visual Instruction; Salary $1,500.00; Appointed October 19, 1937.

Edward B. Baskin, Assistant County Agent; Salary $1,600.00; Appointed January 16, 1938.

R. H. Anderson, Negro Farm Demonstration Agent; Salary $1,200.00; Appointed April 1, 1938.

George T. Dowdy, Negro Farm Demonstration Agent; Salary $1,200.00; Appointed August 1, 1937.

(The following are recommended for Second Appointment but not for a period of time expiring at the pleasure of the Board. They have not yet completed one full probationary year.)

J. H. Matthews, Assistant Extension Poultyman, Salary $1,920.00; Appointed August 3, 1938.

A. V. Bothea, Jr., Assistant to Extension Economist; Salary $1,500.00; Appointed January 16, 1939.

D. C. Sturgis, Jr., Assistant Extension Economist; Salary $2,300.00; Appointed September 27, 1938.

M. H. Sutherland, Assistant Extension Economist; Salary $2,300.00; Appointed August 1, 1938.

M. H. Brunor, Extension Forester; Salary $3,200.00; Appointed January 1, 1939.
Extension Division
(Continued)

J. S. Baskin, Assistant in Extension Work; Salary $1,200.00; Appointed February 6, 1939.

R. H. Crouch, Assistant to District Agent; Salary $1,800.00; Appointed July 25, 1938.

D. H. Caughman, Assistant County Agent; Salary $1,800.00; Appointed June 16, 1938.

T. M. Clyburn, Assistant County Agent; Salary $2,000.00; Appointed September 1, 1938.

F. W. Corley, County Agent; Salary $2,700.00; Appointed May 16, 1939.

S. P. Guess, Jr., Assistant County Agent; Salary $1,800.00; Appointed February 13, 1939.

J. M. Jeter, Assistant County Agent; Salary $1,800.00; Appointed June 1, 1939.

J. C. King, Assistant County Agent; Salary $1,800.00; Appointed January 28, 1939.

R. H. Lomax, Jr., Assistant County Agent; Salary $1,800.00; Appointed January 1, 1939.

Boyce Miller, Jr., Assistant County Agent; Salary $1,800.00; Appointed February 6, 1939.

G. J. Mobley, Assistant County Agent; Salary $1,880.00; Appointed October 1, 1938.

T. A. Stallworth, Assistant County Agent; Salary $1,800.00; Appointed October 1, 1938.

J. R. Wood, Assistant County Agent; Salary $2,000.00; Appointed October 10, 1938.

R. C. Becto, Negro Farm Demonstration Agent; Salary $1,200.00; Appointed January 1, 1939.

D. G. Bolton, Jr., Negro Farm Demonstration Agent; Salary $1,200.00; Appointed July 16, 1938.

Registrar's Office

J. W. LaGrone, Assistant Registrar; Salary $1,800.00; Appointed July 1, 1938.

K. N. Vickery, Assistant to the Registrar; Salary $1,200.00; Appointed October 21, 1938.

Fertilizer Inspection and Analysis

H. J. Webb, Assistant Chief Chemist; Salary $2,400.00; Appointed July 1, 1938.

(The Following individual is recommended for a Second Appointment of one year only and not for a period of time expiring at the pleasure of the Board:)

C. R. Clark; Assistant Chemist; Salary $2,100.00; Appointed January 7, 1938.
NOT RECOMMENDED FOR REAPPOINTMENT.

D. C. White, Assistant Professor of Horticulture; Appointed September 12, 1938. (Substituted for Mr. F. S. Andrews who was on leave of absence. Mr. Andrews will return to Clemson.)

Jack Boone, Instructor in English; Appointed September 1, 1938.

6. I have made the following TRANSFERS and ask your approval of my action:

J. W. LaGrone, from Instructor in Mathematics to Assistant Registrar; Salary $1,800.00; Effective July 1, 1938.

H. A. Woodlo, from County Agent, Aiken County to position of Specialist in Charge, Agronomy Extension Work; Salary $3,720.00; Effective May 16, 1939.

J. E. Youngblood, from Assistant County Agent, Charleston County to position of County Agent, Beaufort County; Salary $2,700.00; Effective May 16, 1939.

7. I have granted the following LEAVES OF ABSENCE and ask your approval of my action:

E. C. Coker, Jr., Instructor in Mathematics; from September 1, 1939 to June 1, 1940; without pay. Mr. Coker will continue his graduate work at Chicago University.

F. H. Durham, Instructor in English; from September 1, 1939 to August 31, 1940; without pay. Mr. Durham will pursue graduate work at the University of North Carolina.

R. Caspar Walker, Instructor in History and Government; from September 1, 1939 to August 31, 1940; without pay. Mr. Walker will pursue graduate work at Louisiana State University.

Miss Antoinette Earle, Assistant to the Librarian; from October 1, 1939 to July 1, 1940; without pay. Miss Earle will pursue graduate work in Library Science.

M. N. Henry, Instructor in English, was granted a leave of absence without pay for the past session. Mr. Henry is studying at the University of North Carolina and has requested that we continue his leave for the school year 1939-1940.

Thomas W. Morgan, Assistant to the Director of the Extension Division; for a period of nine months, beginning during the month of September 1939. (The General Education Board will grant Mr. Morgan $1,500.00 and Director Watkins recommends that he be paid $540.00 from his Federal pay.) Mr. Morgan plans to pursue graduate work at the University of Wisconsin.
PRESIDENT'S RECOMMENDATIONS

Part II

Extension Service

1. I recommend that the following salary increases, requested by Director Watkins, be approved:

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Present Salary</th>
<th>Proposed Salary</th>
<th>Recommended Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>W. C. Breazeale</td>
<td>Mailing Room Clerk</td>
<td>$800</td>
<td>$900</td>
<td>$100</td>
</tr>
<tr>
<td>W. L. Abernathy, Jr.</td>
<td>Asst. Extension Econ.</td>
<td>1,920</td>
<td>2,010</td>
<td>120</td>
</tr>
<tr>
<td>F. S. Williamson</td>
<td>Asst. Farm Manage. Spec.</td>
<td>1,920</td>
<td>2,010</td>
<td>120</td>
</tr>
<tr>
<td>E. C. Abrams</td>
<td>Asst. County Agent</td>
<td>1,800</td>
<td>1,920</td>
<td>120</td>
</tr>
<tr>
<td>E. B. Baskin</td>
<td>Asst. County Agent</td>
<td>1,800</td>
<td>1,860</td>
<td>60</td>
</tr>
<tr>
<td>J. M. Lewis</td>
<td>Asst. County Agent</td>
<td>1,800</td>
<td>2,010</td>
<td>210</td>
</tr>
<tr>
<td>W. J. Martin</td>
<td>Asst. County Agent</td>
<td>1,800</td>
<td>1,920</td>
<td>120</td>
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<tr>
<td>Drayford Richardson</td>
<td>Asst. County Agent</td>
<td>1,620</td>
<td>1,740</td>
<td>120</td>
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<tr>
<td>J. W. Talbert</td>
<td>Asst. County Agent</td>
<td>2,100</td>
<td>2,280</td>
<td>180</td>
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<tr>
<td>Benjamin Barnwell</td>
<td>Negro Farm Dem. Agent</td>
<td>1,560</td>
<td>1,596</td>
<td>36</td>
</tr>
<tr>
<td>W. C. Bunch</td>
<td>Negro Farm Dem. Agent</td>
<td>1,560</td>
<td>1,596</td>
<td>36</td>
</tr>
<tr>
<td>S. C. Disher</td>
<td>Negro Farm Dem. Agent</td>
<td>1,512</td>
<td>1,560</td>
<td>48</td>
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<tr>
<td>G. T. Bowdy</td>
<td>Negro Farm Dem. Agent</td>
<td>1,200</td>
<td>1,260</td>
<td>60</td>
</tr>
<tr>
<td>J. A. Gresham</td>
<td>Negro Farm Dem. Agent</td>
<td>1,560</td>
<td>1,596</td>
<td>36</td>
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<tr>
<td>Waymon Johnson</td>
<td>Negro Farm Dem. Agent</td>
<td>1,340</td>
<td>1,392</td>
<td>52</td>
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<tr>
<td>William Thompson</td>
<td>Negro Farm Dem. Agent</td>
<td>1,140</td>
<td>1,500</td>
<td>60</td>
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<tr>
<td>L. V. Walker</td>
<td>Negro Farm Dem. Agent</td>
<td>1,612</td>
<td>1,500</td>
<td>60</td>
</tr>
<tr>
<td>E. N. Williams</td>
<td>Negro Farm Dem. Agent</td>
<td>1,512</td>
<td>1,560</td>
<td>48</td>
</tr>
<tr>
<td>Elizabeth Watson</td>
<td>Clothing Specialist</td>
<td>2,160</td>
<td>2,220</td>
<td>60</td>
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<tr>
<td>Ella Burton</td>
<td>Home Demonstration Agent</td>
<td>1,680</td>
<td>1,740</td>
<td>60</td>
</tr>
<tr>
<td>Laura Connor</td>
<td>Home Demonstration Agent</td>
<td>1,680</td>
<td>1,800</td>
<td>120</td>
</tr>
<tr>
<td>Eloise Johnson</td>
<td>Home Demonstration Agent</td>
<td>1,680</td>
<td>1,740</td>
<td>120</td>
</tr>
<tr>
<td>Gertrude Lanham</td>
<td>Home Demonstration Agent</td>
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<td>1,920</td>
<td>60</td>
</tr>
<tr>
<td>Jennie Robinson</td>
<td>Home Demonstration Agent</td>
<td>1,680</td>
<td>1,740</td>
<td>60</td>
</tr>
<tr>
<td>Hazel Smith</td>
<td>Home Demonstration Agent</td>
<td>1,680</td>
<td>1,740</td>
<td>60</td>
</tr>
<tr>
<td>Matilda Bell</td>
<td>Home Demonstration Agent</td>
<td>1,680</td>
<td>1,740</td>
<td>60</td>
</tr>
<tr>
<td>Susie L. Bivens</td>
<td>Negro Home Dem. Agent</td>
<td>780</td>
<td>800</td>
<td>20</td>
</tr>
<tr>
<td>Lillian Watts Brown</td>
<td>Negro Home Dem. Agent</td>
<td>816</td>
<td>820</td>
<td>40</td>
</tr>
<tr>
<td>Albertha DeVeaux</td>
<td>Negro Home Dem. Agent</td>
<td>816</td>
<td>820</td>
<td>40</td>
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<tr>
<td>Rosa Gadsden</td>
<td>Negro Home Dem. Agent</td>
<td>816</td>
<td>820</td>
<td>40</td>
</tr>
<tr>
<td>Minnie E. Gandy</td>
<td>Negro Home Dem. Agent</td>
<td>816</td>
<td>820</td>
<td>40</td>
</tr>
<tr>
<td>Gladys Hurley</td>
<td>Negro Home Dem. Agent</td>
<td>780</td>
<td>820</td>
<td>40</td>
</tr>
<tr>
<td>Hatred McKissick</td>
<td>Negro Home Dem. Agent</td>
<td>816</td>
<td>820</td>
<td>40</td>
</tr>
<tr>
<td>Laura J. Manney</td>
<td>Negro Home Dem. Agent</td>
<td>816</td>
<td>820</td>
<td>40</td>
</tr>
<tr>
<td>Mattie E. Overstreet</td>
<td>Negro Home Dem. Agent</td>
<td>816</td>
<td>820</td>
<td>40</td>
</tr>
<tr>
<td>Rosa B. Reid</td>
<td>Negro Home Dem. Agent</td>
<td>816</td>
<td>820</td>
<td>40</td>
</tr>
<tr>
<td>Janie Fucker</td>
<td>Negro Home Dem. Agent</td>
<td>780</td>
<td>820</td>
<td>40</td>
</tr>
<tr>
<td>Ethel Taggart</td>
<td>Negro Home Dem. Agent</td>
<td>816</td>
<td>820</td>
<td>40</td>
</tr>
<tr>
<td>Frances Thomas</td>
<td>Negro Home Dem. Agent</td>
<td>852</td>
<td>876</td>
<td>24</td>
</tr>
<tr>
<td>Delphine Wilkerson</td>
<td>Negro Home Dem. Agent</td>
<td>816</td>
<td>840</td>
<td>24</td>
</tr>
</tbody>
</table>

TOTAL RECOMMENDED INCREASE: $2,596

2. I recommend that the following new position be created, effective July 1, 1939:

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Salary</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. R. Smith</td>
<td>Assistant State Club Agent</td>
<td>$2,100</td>
<td>Smith-Lever Funds</td>
</tr>
</tbody>
</table>
Agricultural Research and Experiment Station

3. I recommend that the following salary increases, requested by Director Cooper, be approved:

(a) That Dr. W. R. Paden be promoted from Associate Agronomist to Agronomist and that his salary be increased from $2,796 to $3,600, effective July 1, 1939. This increase is to come from Bankhead-Jones funds. This will place him on a parity with other Department Heads in the Experiment Station. Dr. Cooper has been acting as the Head of the Agronomy Department, but he states that administrative duties are taking more of his time and it is important that some one person give the necessary detailed attention to the Agronomy research program. Dr. Paden has been offered around $4,200 by North Carolina and should he leave us our Agronomy program would be seriously affected.

(b) That Dr. F. S. Andrews, Associate Horticulturist (and Associate Professor of Horticulture), be granted an increase of $200 from Bankhead-Jones funds, effective July 1, 1939. He has been on leave of absence for the past two years and has completed the work for his Doctor’s degree at Cornell University. His return should materially strengthen the work of the Horticultural Department and the increase recommended will place him on a par with other Associates. The present salary and the proposed increases are:

<table>
<thead>
<tr>
<th>Source</th>
<th>Present Salary</th>
<th>Proposed Salary</th>
<th>Recommended Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research</td>
<td>$1,020</td>
<td>$1,220</td>
<td>$200</td>
</tr>
<tr>
<td>College</td>
<td>$1,200</td>
<td>$1,380</td>
<td>$180</td>
</tr>
<tr>
<td>Total</td>
<td>$2,220</td>
<td>$2,600</td>
<td>$380</td>
</tr>
</tbody>
</table>

(A recommendation as to the $180 from Collegiate Activities is in that section.)

(c) That the salary of the position of Assistant Entomologist be changed from $1,512 to $2,400, effective July 1, 1939, and the increase of $888 be paid from Bankhead-Jones funds. The increase is not to be applicable to the present incumbent who expects to take a position in another state at a larger salary. This increase is recommended because we need a man of such training and experience who cannot be obtained at the present salary.

(d) That J. W. Jones, Instructor in Agronomy and Assistant in Agronomy, be increased in salary from $2,208 to $2,400. The additional $192 is to come from Experiment Station funds. The authorized salary for this position is $2,400 but when Mr. Jones came to us last year we paid him $2,208. This position was vacant for more than a year because we were unable to secure a satisfactory man. In addition to being a Clemson graduate, this man has his Master’s degree from Cornell. His work has been satisfactory and we are desirous of retaining him.

(e) That Jack Edwards, Foreman of the Edisto Experiment Station, be increased from $1,200 to $1,320, effective July 1, 1939, the increase of $120 to be paid from Edisto Experiment Station Funds.

4. I recommend for your approval that the Deficiency Appropriation of $5,000 for the Edisto Experiment Station be added to the Budget and used for the continuation of the building program. With the expenditure of $3,000 from Station Funds five farm buildings and two tenant houses have been completed. Work is progressing on the three residences and the top floor of the office building.

5. I recommend that the Deficiency Appropriation of $5,000 for “Maintenance of Land to be Leased from the Federal Government” be added to the Public Service budget and that plans for this activity be prepared for approval of the Trustee Committee (Messrs. Barnett and Bonet) and the Agricultural Committee.
Collage Activities

In view of the fact that a complete survey of the faculty salary list should be made before an attempt is made to comply with the requirements of the Southern Association of Colleges and Secondary Schools, I shall appraise for your approval only four changes. These should, if possible, be acted upon at this time. These recommendations are in keeping with the standards of the Association and I feel will not involve any future policy.

6. I recommend the following salary increases become effective with this fiscal year:

(a) That Dr. C. H. Collings, Ph.D., Associate Professor of Agronomy, be made Professor of Soils and be responsible for the teaching work in crops and soils. Dr. Collings has been on our teaching staff for more than fifteen years. Dr. Cooper has carried this duty in connection with his other activities as Dean, but his administrative responsibilities are calling for more time and he is unable to continue with much classroom teaching. Dr. Cooper says that "Dr. Collings is a good teacher and takes an active interest in his students. His recent book on Fertilizers is one of the best and is widely used in the Southeast". It is further recommended that Dr. Collings' salary be made $3,000 a year, which is an increase of $300. This will place his salary on the same basis, in so far as College funds are concerned, as the five heads of departments in the School of Agriculture. The College now pays $1,500 a year to each of the five men who devote about half-time to teaching and half to research.

(b) That F. S. Andrews, Ph.D., Associate Professor of Horticulture, be granted an increase of $180 per year from College funds for the reasons already given in the recommendation under the Experiment Station section.

(c) That A. B. Credle, Ph.D., Assistant Professor of Electrical Engineering, who during the past year has been an "Exchange Professor" at Cornell and who has completed the work for his Doctor's degree, be granted an increase of $240 to become effective September 1, 1939. His present salary is $2,100. Dr. Credle is one of our outstanding younger teachers and both Dean Earle and Professor Rhodes feel that we should encourage him to return. He has a good personality, is interested in his students, and is capable of development as a future department head.

(d) That I. P. Orens, Ph.D., Assistant Professor of Physics, be paid the salary of $1,800 per year. This is the salary standard of the Southern Association and will place him on a parity with other young teachers of the same rank. He came to Clemson last fall from Brenau College on trial for $1,200. Dr. Orens has both his Bachelor's and Doctor's degree from the University of Virginia, where he was rated with high honors. Dean Daniel recommends him highly as a man and as a teacher. This increase is cared for in the estimates for meeting Salary Standards.

Summary of Proposed Increases from College Funds

<table>
<thead>
<tr>
<th>Name</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>G. H. Collings</td>
<td>$360.00</td>
</tr>
<tr>
<td>F. S. Andrews</td>
<td>180.00</td>
</tr>
<tr>
<td>A. B. Credle</td>
<td>240.00</td>
</tr>
<tr>
<td>I. P. Orens</td>
<td>600.00</td>
</tr>
</tbody>
</table>

Total..................$1,380.00
If we are to improve our teaching facilities, provisions should be made at this meeting for the Library and for additional teachers for the session of 1939-1940. Also funds should be provided for a program of strengthening and stabilizing our faculty.

I am, therefore, making the following recommendations:

7. That there be appropriated for new teachers, effective September 1, 1939, from Collegiate Activities:

(a) Instructor in English............................... $1,200
(b) Instructor in Social Sciences..................... 1,200
(c) Instructor in Agriculture.......................... 1,800
(d) Instructor in Textiles.............................. 1,800
(e) Instructor in ?.................................... 1,500
(f) Graduate Assistant.................................. 600

Total.................................................... $8,100

8. That there be appropriated for the Library, from funds to be made available, during the fiscal year 1939-1940:

(a) Books and periodicals............................ $5,000
(b) Additional to make $1,500 for a
    full-time Librarian................................ 2 (*)

Total.................................................... $5,002

(This is to supplement the following new in the budget:
Student help................................. $900
Part-time Librarian ......................... 598
                              $1,498)

9. That in looking forward to a program for the adjustment of faculty salaries to comply with the requirements of the Southern Association and to make any other needed changes, the sum of $12,000 be appropriated from funds to be made available. (It is advisable that some changes be made before the next meeting of the Southern Association.)

10. To provide the sum of $18,000 for carrying out the provisions of the above Recommendations 8 and 9, I recommend that the sum of $10.25 be added to the "Class and Laboratory Fee" which is now $18.25 and that the item be changed to read "Class, Laboratory, and Library Fee, $28.50". To offset this addition of $10.25, I recommend that board be changed from $16 to $15 per month, a reduction of $9.00, and that South Carolina tuition be reduced from $65 to $60 to comply with the new law. All those changes would result in a net reduction of $3.75 to each South Carolina student. (See Exhibit "What the Student Pays").

If the above proposal is approved, the increase in income from student fees will show in our published budgets. On more than one occasion during the last several years, the Budget Commission and the Ways and Means Committee have sought to decrease our State Appropriation on the grounds that our fees had increased due to larger enrollments. An alternative would be for each South Carolina student to continue paying $314.30 (the same as for 1938-1939) for living expenses and fees and at the October meeting make readjustments within the total so as to provide the $18,000.

The tuition for out-of-state students has been increased by $50.00 per session.
Among the "Working Standards" of an accredited college as to faculty training are:

(a) The percentage of the faculty without advanced degrees shall not exceed twenty.

(b) The training and experience of the teaching staff are important items in testing an institution. In general, the heads of departments should have their Doctorate, or the equivalent in their respective fields, but adequate graduate training of high quality should be expected of all staff members.

Approximately 36 per cent of our teachers do not have advanced degrees. In looking to the future I recommend for your consideration the following:

11. That in the future the college shall employ only teachers with advanced degrees, except in special cases where the teacher will contract to secure an advanced degree within four years from a well-established graduate school, and in the event a teacher without an advanced degree shall be employed he shall be elected for one year at a time until he has secured his advanced degree.

12. That all teachers 45 years of age or under be required to secure an advanced degree within the next four years from a well-established graduate school.

13. That no further promotion in title or salary be awarded to any teacher under 45 years of age who fails to secure an advanced degree.

14. I recommend the approval of the 1939-1940 Budget.

15. I recommend that H. J. Webb, Assistant Chief Chemist in Charge, Fertilizer Analysis Work, under the control of the Board of Trustees of the Clemson Agricultural College, a corporation, be and is hereby authorized, empowered and directed, for and on behalf and in the name of this corporation to forthwith make application, pursuant to the laws of the United States and the regulations and decisions of the United States Internal Revenue Department thereunder, for a permit to use alcohol free of tax, and to execute and deliver to the proper authorities any and all bonds, notes, reports and papers required by said laws regulations and decisions in the premises.

At the March meeting the Board authorized the construction of new bathrooms to Barracks No. 1 to be financed from student funds. At the meeting of the Executive Committee, held in Columbia last Wednesday, authority was granted to negotiate with the Public Works Administration with the idea of securing a grant so as to enable us to complete both structures with the funds now available and probably have in addition an amount sufficient to secure a Works Progress Administration project for the renovating and repainting of 140 rooms, all halls, and outside painting of Barracks 1, 2, and 3. Since last Wednesday Congress eliminated the P.W.A. item for construction. Under these circumstances we suggest that the authorization be granted to negotiate with the Federal Government to the best advantage for securing any Federal aid for the construction of bathrooms and the renovation of the three old barracks. It may be possible under the new W.P.A. set-up to secure some common labor and material and for the college to furnish certain skilled labor and material thereby making the cost less to Clemson.

16. I recommend that the college authorities be authorized to continue negotiations seeking the best advantage and the Executive Committee be authorized to approve any action taken.
17. The By-Laws require the President to report those who have attained the age of 65 and make recommendations each year thereafter as to their continuation until they reach the retirement age of 70.

The following have reached the age of 65, or will reach this age within a few months:

F. H. H. Calhoun, 66
W. E. Godfrey, 65
J. E. Hunter, 65
W. H. Mills, 67

I recommend that they be reelected for another year.

Professor A. G. Shanklin, 68, is carried as Professor-Emeritus. He no longer teaches but is part-time custodian of the Calhoun Mansion.

At the October meeting of the Board Mr. B. F. Robertson, 65, was relieved of his work as Chief Chemist but was continued as Toxicologist at his old salary. Dr. H. J. Webb was placed in charge of the Fertilizer Laboratory with no change in salary.

Dr. D. W. Daniel has passed the retiring age of 70. I report this to you for your consideration.

I myself reached the retiring age last year. I now ask to be relieved of the Presidency.

To the General Assembly, the Trustees, Faculty, Students, Alumni, and Citizens of the State and Community, I can say with the Psalmist, "The lines have fallen to me in pleasant places".
The Honorable Board of Trustees
of
The Clemson Agricultural College

Gentlemen:

I have the honor to present herewith my report covering certain phases of Clemson's activities since your last meeting.

Clemson opened in September with an increase of more than 100 students over the opening day for 1938. The enrollment to date is 2227.

The new barracks building was accepted from the Contractor early in August and it is one of the nicest of the new dormitories. At the opening of college we found it necessary to fill the Temporary Barracks with late comers but we have been gradually moving students from this building with the idea of eliminating the use of it entirely just as soon as possible. In our five new dormitory buildings there are two students in each room. In the three old buildings the majority of the rooms contain three students. There are, however, a number of rooms which were set aside for cadet officers and in these rooms we placed only two men.

I wish to report that Lieutenant Colonel H. M. Pool, our new Commandant, has assumed his duties and I am pleased at the way he has taken hold of the situation. He is a native of Texas, a graduate of Texas A. and M. College, and, I believe is the type of man who will make us a good Commandant. One of the first steps taken was a revival of the use of the Cadet Regulations. These regulations have been printed and copies distributed to all students. There is
not only a feeling on the part of the students that some tightening up is desirable, but there is also a disposition on the part of the students to cooperate in bringing this about. I have received assurance from representatives of both the Junior and Senior classes to this effect.

The usual holidays during the State Fair week were granted all students. The Washington Alumni have extended an invitation to the Corps for a two day visit to the Capital on the occasion of the George Washington-Clemson football game. If the trip materializes it is our plan to have one or more special trains to transport the cadets. A suggested itinerary for the occasion includes visits to a number of points of interest in and about the Capital City.

In thinking about possible future growth of the college we do not have ahead of us a building program as was the case several years ago. With more than 2200 students enrolled in the beginning of the year all of our buildings are now being used to capacity with the exception of the new Textile Building. The barracks are filled other than the Temporary Barracks. If we limit the student body to around 2200 that will mean a Freshman Class in September 1940 of approximately 700 to 725 exclusive of transfer students. I am informed that the colleges in South Carolina may expect some increase in enrollment for the next several years because of the size of the classes in the high schools and in the upper grades in the grammar schools. This may bring us face to face with the question next summer of placing a limitation upon our enrollment. During the past summer we discontinued accepting applications from out of the state early in August and for several weeks prior to the opening of college when we had on hand more than enough applications to fill our barracks, we were at times literally besieged with requests to accept just one more student who wanted to come to Clemson.
Another year I think we should require with each application a deposit of at least $5.00 to be kept separate in the student accounts in the Treasurer's Office. Each year a number of students make application to more than one college and it is impossible to definitely determine the enrollment until the students are here and matriculated. Our Registrar, Mr. Metz, has kept figures over a period of years and he has been able to predict very accurately our enrollment.

At this meeting I shall present to you my recommendations based on further study of faculty training and salaries. At the June meeting you set up the following regulations:

1. That in the future the college shall employ only teachers with advanced degrees, except in special cases where the teacher will contract to secure an advanced degree within four years from a well-established graduate school, and in the event a teacher without an advanced degree shall be employed he shall be elected for one year at a time until he has secured his advanced degree.

2. That all teachers 45 years of age or under be required to secure an advanced degree within the next four years from a well-established graduate school.

3. That no further promotion in title or salary be awarded to any teacher under 45 years of age who fails to secure an advanced degree.

This week I had a visit from my representative of the Southern Association of Colleges and Secondary Schools and in conversation he stated that the present Clemson salary scale is among the lowest of the A. and M. Colleges in the South. I shall ask your approval of salary increases for most of our teachers. In attempting to make adjustments in salaries I found a number of complications.

In the beginning every person in the employ of the college lived on the campus. Also for a number of years no house rent was charged our teachers. At the present time there are approximately three times as many persons living off the campus as there are on the campus.
Back about 1929 plans were approved to make adjustments with a view to equalizing the advantages gained by living on the campus. However, the depression prevented carrying out these plans. It became necessary to make drastic cuts all along the line. Based on a survey made by two disinterested persons, we find that those who live in college houses have an equity or perquisite which will average close to $100.00. In view of the fact that the majority of our people now live off the campus, I think the time has arrived when we should attempt to place them all on the same footing insofar as possible. All of this I shall present in detail before the committees prior to the Board meeting.

In making recommendations for certain salary increases to some of our faculty members, especially the younger men, it is my plan to withhold the increase until the close of the college in June at which time it will be paid to the teacher with the understanding that he is to attend an accredited summer school to work toward his advanced degree and that he will return to Clemson for the following year. During the summer of 1939 eighteen of our younger men attended summer school. If we are able to place our salaries on an equitable basis we can then feel justified in requiring our people to come up to the standards of training set forth by the accrediting agencies and which, I understand, obtain in our sister institutions.

For your information I am outlining some of the high spots from the reports recently made to me by the Deans and Directors.

School of General Science

In the beginning this school was known as the Academic Department and was entirely a service department in that it taught subjects common to all courses. With the growth of the student body there has come about a demand for general courses in the sciences. At this time there are between two and three hundred students majoring
in work of this type. In addition the School of General Science continues to teach mathematics, English, etc., for all students and the number of student-hour enrollments necessarily runs higher than for any other school of the college. There has been a demand for a course in Spanish and for some instruction in Business English and Journalism. We have not yet seen our way clear to add these but certainly there is a need for the Business English and, in view of the fact that our commercial trend is now toward the South American countries, we may find ourselves faced with the necessity of adding a teacher of Spanish.

We lost one of our outstanding teachers in the School of General Science to Peabody College. I have reference to Dr. H. C. Brearley, a native South Carolinian, whom we greatly miss.

The School of General Science occupies the upper floors of the Main Building and the West end of the Library Building.

School of Agriculture

Our new Agricultural Building is now being used to capacity. I understand that it is necessary to schedule some of the larger classes in the Auditorium on the top floor of this building. In the School of Agriculture we have been able to add considerable equipment in connection with the new building but we still have a great need for additional facilities in Animal Husbandry and in Agricultural Engineering.

You will recall that from time to time we have talked about plans and possibilities for enlarging the facilities for the Department of Animal Husbandry. There is need for a beef cattle barn and equipment so as to place this important activity on a par with the other departments of this school. At the present time our animals are kept at opposite ends of the college property which presents
many difficulties and also adds to the cost. I suggest that in making plans for the future we keep in mind the needs of this work and look toward the establishment of a beef cattle barn and other facilities for this important and growing activity.

Our Agricultural Engineering is housed largely in an old metal-clad building which is unsuitable for class use or for laboratory use and which is very disagreeable during the cold winter months. The growing use of farm machinery has made this a popular course and we must not lose sight of the necessity for a building to house the agricultural equipment and for class use.

There is a great need for a greenhouse in which student class material can be grown and worked. Both the college greenhouses are located at considerable distance from the Agricultural Building and it is impracticable to use the greenhouses we now have for this purpose. With the expenditure of around $6,000.00 we could construct a suitable structure which would be used altogether for class work in agronomy, botany, and horticulture.

The appropriation made at the June meeting will enable the Dairy Department to add badly needed equipment and to renovate and rebuild the cold storage rooms in the present creamery. There is still a need for some office and classroom equipment and for a powdered milk machine, balances, etc. In this connection I might mention the fact that the dairy department and the animal husbandry department did not materially benefit by having the new building because these two activities are housed in the old Dairy Building.

The increase in students makes it necessary to purchase some additional microscopes for botany and several items of equipment elsewhere throughout the school.
School of Chemistry and Geology

This fall for the first time in several years this school will be able to house its various departments without crowding them into dark basements or borrowing space in adjacent buildings. The Fertilizer Laboratories have been moved to the old Post Office Building and the space vacated in the Chemistry Building converted to class use. There is still a great need in the School of Chemistry for laboratory desks and equipment. I understand that some of the old desks and tables in our present Chemistry Building were brought up from Columbia when Clemson first opened. During the last several years we have replaced some of this old equipment but an expenditure of from five to ten thousand dollars is still needed in this department to make the freshman laboratories comparable with our good high schools.

This seems to be the day of Chemistry and we still have a demand for work in Chemical Engineering. Clemson is not offering a course in Chemical Engineering but we do give a course known as Chemistry and Engineering. We can add to our equipment from time to time, add to our teaching staff, and as soon as we find some additional space we should build up this important activity.

School of Engineering

The School of Engineering continues to be one of the most popular in the college. In addition to offering the usual courses in engineering this school is a service department in that it gives courses in shop, drawing, and similar subjects for all students in college. The Engineering Building is filled to capacity and there is now a great need for some additional space for drawing and civil engineering.

When the present building was erected it was planned with the idea that at some time in the future it would become a building primarily for mechanical and electrical engineering and possibly
Architecture. The thought in mind at that time was that a Civil Engineering Building could be erected between the old Post Office Building and the Engineering Building in a space which is peculiarly adapted to work in hydraulics and similar subjects. It was also suggested that in such a building we might house physics and in this way chemistry, physics, and engineering would be in adjacent buildings. Chemistry and physics are both foundation subjects for engineering and agriculture and the location of such a building would be ideal in every respect.

In the School of Engineering our salaries have been much lower than in the other A. and M. colleges in the South. Not only has the Southern Association called this to our attention but the accrediting organization of engineering schools has insisted that this condition must be remedied in order for Clemson to continue as a recognized institution.

There is a need for additional equipment for teaching. New machinery and equipment rapidly become obsolete in this day and time and in order that our students may have the same advantages as those in other institutions we must continue to add equipment. For example, at the present time the Civil Engineers and the Architects are giving thought and attention to Soils in connection with the construction of roads and buildings. Money is needed with which to add one or more pieces of this equipment. I might mention also that in Electrical Engineering there is need for a Mercury Arc Rectifier. These needs are illustrative of what I have in mind.

School of Textiles

You will recall that plans were to be made looking toward the dedication of our new Textile Building. In consultation with Mr. J. E. Sirrine it was suggested that the dedication be postponed with the hope of having the building equipped before these ceremonies
were held. I understand that for the first time in several years the textile industry is looking up and Mr. Sirrine is of the opinion that our friends in the mills will help us equip this building just as soon as they are able to do so.

Last winter the Legislature manifested an interest in providing funds for textile equipment the idea being to match donations made by the manufacturers. We consider the Textile Building one of the nicest on the campus and I hope that each member of the Board will have the opportunity of looking it over.

School of Vocational Education

The young men who graduate from this school go out to teach agriculture in our high schools and teach industrial subjects principally in the city schools. So far there has been quite a demand for graduates especially in Agricultural Education. Today Clemson men are teaching in almost every locality in South Carolina. The building occupied by this school is also filled to capacity.

Library

For the first time in many years we have been able to provide the Library with funds to purchase some of the needed books to be used in our laboratories and by the students in general. Through necessity we have invested less in our Library than any land-grant college in the United States. It is my desire to provide at least $1.00 per student for books and periodicals in the Library. It is also my desire that the teachers in the college shall see that their students make use of these facilities. For example, the Department of Architecture alone needs reference books which would cost approximately $1,000.00. The Architectural Library was destroyed in the firest several years ago and we now want to begin replacement of these volumes.

In the School of General Science we have been requiring the students to buy their parallel books but we now plan to provide these in
the Library. By requiring the students to go to the Library we hope that they will not only use these parallel books but may also form the habit of using other books in the Library.

Military Department

I have already informed you of the arrival of our new Commandant, Colonel Pool. I am very happy to report that the office is functioning smoothly and it looks to me that we were fortunate in the recent selection. When the Commandant's Office gets out of step it is felt throughout the college. This has grown to be one of the biggest departments of the college. It carries on considerable teaching work and in dollars and cents is worth a great deal to our students through their membership in the R.O.T.C. The funds provided by the Federal Government have been practically doubled during the last three years.

Registrar's Office

The Registrar's Office and the President's Office are adjacent and for a number of years the space allotted the Registrar has been inadequate. Last session all teaching work in Military Science was moved to the old Textile Building and in this way we were able to assign an additional room in the Main Building for the work of the Registrar. This activity is what might be termed the "nerve center" of our teaching and is a most important part of our collegiate activities. Mr. Metz has his office well organized and carries on the work in a smooth and efficient manner.

Miscellaneous

Sometime ago the daily papers carried items of interest in reference to increases in cost in the colleges in one of our adjoining states. We believe that Clemson will be able to carry on this year without any increase in cost to the student or any increase in our present budgets. Due to the foresight and judgment of the members of
our staff we were able to make contracts for supplies and food stuffs prior to the general advance. As a matter of fact, the cost to the student at Clemson this year should be approximately $4.00 less than for the last session. I am very happy to be able to call this to your attention and feel that it speaks well for the officials responsible for these activities.

Public Service Activities

The public service activities have continued to function along their usual high planes. The Extension Service has been burdened for the past several years with extra responsibilities which were not contemplated in the original Smith-Lever Act. There has been no complaint on the part of our agents or others in the service. It would add greatly to this activity if more help could be provided in the form of Assistant County Agents. Director Watkins is not asking for any increase in the state appropriation for 1940-41.

Under the Clarke-McNary Forestry Act the Extension Service has been allotted $1,620.00 for forestry work. Director Watkins plans to make suggestions later on looking toward a position of Assistant Extension Forester to work with the County Agents, the Soil Conservation Service, the State Forestry Commission, and farmers having a part of their lands in woods. The extension of this activity will depend upon possible allotment from the Federal Government.

In an effort to further strengthen its work in Agronomy the Extension Service has filled the position of Specialist in Soils. This position was authorized last year.

In Agricultural Research we must again ask for additional funds to properly carry on our present activities. There are pressing needs both here at the college and at the several stations. Director Cooper feels that another year we must make some increase in the salaries
paid to the research workers and this will be presented to you in connection with our request to the General Assembly.

At the Truck Station there is a need for a Plant Pathologist to study the diseases of truck crops in the area served by the station. There is also a need for a residence for the use of the Superintendent.

The Edisto Station is in the process of becoming firmly established and is inaugurating a program which will make investigations of a number of crops that are important to that section of the state. We have assigned five well trained investigators to the station only two of whom are paid from the Edisto Station funds. We need additional equipment in the research laboratory there. Our building program has gone forward satisfactorily. With the aid of the W.P.A. a large amount of building has been done at low cost to the college. There is still a need for two additional residences to complete the plant.

In tobacco research the United States Department of Agriculture has provided for considerable expansion of its research program at the Pee Dee Station. In order to carry out the enlarged program we should provide additional buildings and purchase some additional land as our share in the program. In my suggested budget for the next Legislature all these items are being listed.

The Crop Pest Commission has struggled along for several years with an appropriation too small to carry out the work with which it is charged. The amount available has been reduced from time to time but the work demanded has been on the increase. It is not possible for the Crop Pest Commission to do all that is required of it under the present budget.

The work of Fertilizer Inspection and Analysis continues to move forward under our new set-up. I wish to commend those in charge of this activity. On account of the large increase in the number of
samples now being taken it is not possible to get out the reports as rapidly as we would like. I feel that we should by all means add another Chemist next year and by so doing we could increase our usefulness to the purchasers of fertilizer.

Dr. Lewis reports that the work of the Livestock Sanitary Department is going forward in the usual efficient manner. The funds provided him are really not sufficient. A great interest is now being manifested in the production of livestock and this department should be able to protect the growers against contagious and infectious diseases.

Respectfully submitted,

E. W. Sikes, President
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Respectfully submitted,

E. W. Sikes, President
RECOMMENDATIONS

1. Under authority of the By-Laws I have accepted the following RESIGNATIONS and ask your approval of my action:

School of Agriculture and Division of Agricultural Research

Henry L. Fulmer, Director of Research Studies in Rural Areas; Salary $1,000.00; Effective August 31, 1939.

J. D. MacLachlan, Assistant Professor of Botany; Salary $2,000.00; Effective August 31, 1939.

John Newton Todd, Assistant in Entomology; Salary $1,512.00; Effective July 15, 1939.

Extension Division

John S. Baskin, Office Assistant in Extension Service; Salary $1,200.00; Effective August 31, 1939.

J. D. Brown, Jr., Assistant in Visual Instruction; Salary $1,500.00; Effective October 2, 1939.

C. L. Copeland, Jr., Office Assistant in Extension Service; Salary $1,800.00; Effective August 31, 1939.

G. J. Robley, Assistant County Agent - Newberry County; Salary $1,880.00; Effective October 31, 1939.

J. D. Wooten, Information Specialist; Salary $2,000.00; Effective July 25, 1939.

Treasurer's Office

L. D. Malphrus, Assistant to the Treasurer; Salary $1,320.00; Effective August 31, 1939.

Library

Jane L. McDaniel, Assistant Librarian; Salary $1,200.00; Effective September 1, 1939.

Mary C. Stevenson, Assistant Librarian; Salary $600.00; Effective September 1, 1939.
2. I have granted the following LEAVES OF ABSENCE and ask your approval of my action -

J. M. Jenkins, Assistant Horticultrist at the Truck Station; from October 1, 1939 to March 31, 1940. Mr. Jenkins is pursuing graduate work at the University of Minnesota. (To receive his vacation month and one additional month with pay. The remainder of the leave will be without pay.)

J. W. LaGrone, Assistant Registrar; from September 16, 1939 through May 31, 1940. (Mr. LaGrone did not use his 1938 and 1939 vacations as they accrued and he is to receive his regular salary for the months of September and October. The remainder of the leave will be without pay.)

3. I recommend your approval of the following TRANSFERS -

W. L. Abernathy, Jr., Assistant Extension Economist, to position of Supervisor, Test Demonstration Farms; Salary $2,500.00; Effective October 1, 1939.

P. B. Ezell, Supervisor, Test Demonstration Farms, to position of County Agent, Newberry County; Salary $2,800.00; Effective October 1, 1939.

J. L. King, Acting County Agent, Newberry County, to position of Assistant County Agent, Newberry County; Salary $2,100.00; Effective October 1, 1939.

J. M. Lewis, Assistant County Agent Horry County, to position of Acting County Agent, Dorchester County; Salary $2,580.00; Effective September 1, 1939.

G. C. Meares, County Agent, Dorchester County, to position of Assistant to Director of Extension; Salary $3,200.00; Effective September 1, 1939.

4. Under authority given me in the By-Laws I have made the following APPOINTMENTS and ask your approval of my action --

School of Agriculture and
Department of Agricultural Research

E. R. Hauser, Instructor in Animal Husbandry; Salary $1,800.00; Effective September 1, 1939.

J. D. Kinard, Assistant Rural Sociologist; Salary $2,000.00; Effective October 5, 1939.

M. J. Peterson, Assistant Agricultural Economist; Salary $2,600.00; Effective September 1, 1939.
Agriculture (Continued)

Leland Shanor, Instructor in Botany; Salary $1,900.00; Effective September 1, 1939.

F. H. Taylor, Instructor in Botany; Salary $1,900.00; Effective September 1, 1939.

W. K. Upholt, Assistant Entomologist; Salary $2,400.00; Effective November 1, 1939.

School of Chemistry and Geology

F. I. Brownley, Jr., Graduate Assistant in Chemistry; Salary $600.00; Effective September 1, 1939.

T. S. Humphries, Graduate Assistant in Chemistry; Salary $600.00; Effective September 1, 1939.

R. W. Miller, Graduate Assistant in Chemistry; Salary $600.00; Effective September 1, 1939.

J. E. York, Jr., Graduate Assistant in Chemistry; Salary $600.00; Effective September 1, 1939.

F. L. Vernon, Graduate Assistant in Chemistry; Salary $600.00; Effective September 1, 1939.

School of Engineering

H. W. Dougherty, Instructor in Civil Engineering; Salary $1,800.00; Effective September 1, 1939.

R. M. Geer, Graduate Assistant in Architecture; Salary $600.00; Effective September 15, 1939.

E. B. Therkelsen, Instructor in Electrical Engineering; Salary $1,800.00; Effective September 1, 1939.

School of General Science

F. J. Alexander, Associate Professor of Sociology and Psychology; Salary $2,400.00; Effective September 1, 1939.

L. F. Brewster, Instructor in History and Government; Salary $1,200.00; Effective September 1, 1939.

F. A. Burtnor, Instructor in Economics and Sociology; Salary $1,200.00; Effective September 1, 1939.

H. M. Cox, Jr., Instructor in English; Salary $1,200.00; Effective September 1, 1939.

D. H. Kerley, Instructor in Mathematics; Salary $1,125.00; Effective September 1, 1939.

J. C. Stephens, Jr., Instructor in English; Salary $1,200.00; Effective September 1, 1939.

D. A. MacDowell, Instructor in English; Salary $1,200.00; Effective September 1, 1939.
Military Department

Lieutenant Colonel H. M. Pool, Commandant; Salary $1,800.00; Effective September 1, 1939.

Captain Jules V. Sims, Assistant Commandant; Salary $2,400.00; Effective September 18, 1939.

Library

Eleanor Virginia Drewry, Assistant Librarian; Salary $1,200.00; Effective September 1, 1939.

Louise Frichard, Assistant Librarian; Salary $900.00; Effective October 1, 1939.

Josephine Strother, Assistant Librarian; Salary $1,500.00; Effective September 1, 1939.

Extension Division

V. A. Henry, Assistant Extension Dairyman; Salary $2,900.00; Effective August 20, 1939.

C. G. Peebles, Assistant Extension Agronomist; Salary $2,600.00; Effective September 16, 1939.

J. C. Shelley, Assistant County Agent - Horry County; Salary $1,800.00; Effective September 11, 1939.

Livestock Sanitary Department

William Ginn, Assistant State Veterinarian; Salary $2,100.00; Effective September 18, 1939.

Department of Fertilizer Inspection

The following Fertilizer Inspectors are to be paid $5.00 per working day (not to work over 90 days without receiving written permission from the Head of the Fertilizer Department):

C. B. Ellis, Meyers Mill, S. C.
W. C. Jennings, Bennettsville, S. C.
W. B. Kirby, Gaffney, S. C.
M. B. Lawrence, Effingham, S. C.
W. H. Miller, Ninety Six, S. C.
R. L. Nims, Greelyville, S. C.
W. J. Muldrow, St. Charles, S. C.
E. C. Fennel, Belton, S. C.
G. C. Templeton, Cross Anchor, S. C.
J. C. Young, Hopkins, S. C.
5. In accordance with plans promulgated at the July meeting, I recommend that the 1939-40 Collegiate Activities Budget be revised to include the salary changes, new positions, and equipment items.

SOME REASONS WHY SALARY ADJUSTMENTS ARE NEEDED

FACULTY TRAINING

"The training and experience of the teaching staff are important items in the testing of an institution. In general, the heads of departments should have the doctorate in their respective fields, but adequate graduate training of high quality should be expected of all staff members." Standard Four of the Southern Association of Colleges and Secondary Schools.

At the July 1939 meeting the following regulations were adopted:

1. That in the future the college shall employ only teachers with advanced degrees, except in special cases where the teacher will contract to secure an advanced degree within four years from a well-established graduate school, and in the event a teacher without an advanced degree shall be employed he shall be elected for one year at a time until he has secured his advanced degree.

2. That all teachers 45 years of age or under be required to secure an advanced degree within the next four years from a well-established graduate school.

3. That no further promotion in title or salary be awarded any teacher under 45 years of age who fails to secure an advanced degree.

SALARIES

To provide the funds necessary to make Clemson's salary schedule for its teachers comparable with similar colleges the Board authorized raising the "Class, Laboratory, and Library Fee" from $18.25 to $28.50. To offset this increase of $10.25, the cost of board was reduced from $16 to $15 per month and South Carolina tuition from $65 to $60 per session. This was a net decrease of $3.75 per student, but it will provide the funds for equalizing our salaries and for some teaching equipment.

In determining a salary scale we kept in mind not only the Standards of the Southern Association of Colleges and Secondary School, but also the salaries paid in similar colleges and one of our state colleges. The table which follows gives the proposed scale for Clemson as compared with two other colleges. At the present time there are at Clemson:

| 19 Instructors receiving less than | $1,500. |
| 11 Assistant Professors receiving less than | $2,000. |
| 6 Associate Professors receiving less than | $2,400. |
| 18 Professors receiving less than | $2,800. |
### Proposed Salary Scale for Clemson as Compared with Two Southern Colleges

<table>
<thead>
<tr>
<th>Rank</th>
<th>Clemson Salaries</th>
<th>V. P. I. Salaries</th>
<th>U. S. C. Salaries(1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistant Professors</td>
<td>$2000-2500</td>
<td>$2100-2700</td>
<td>$1300-2600</td>
</tr>
<tr>
<td>Associate Professors</td>
<td>$2100-2500</td>
<td>$3000-3200</td>
<td>$2100-2900</td>
</tr>
<tr>
<td>Professors</td>
<td>$2800-3000</td>
<td>$(3200-4000)</td>
<td>$(2600-3700)</td>
</tr>
<tr>
<td>Head Professors</td>
<td>$3000-3300</td>
<td></td>
<td>$4500</td>
</tr>
</tbody>
</table>

* Part time?

(1) These figures were obtained from published reports.

In arriving at the salary to be recommended for each member of the teaching staff, other than the deans, a number of conferences were held with the deans. Factors such as training, experience, personality, and activities outside the classroom were considered.

Any general change in salaries should not be made without taking into consideration our housing situation. At one time all employees lived on the campus in college houses, but today only 1/4 of the 127 listed as teachers rent houses on the campus. These 1/4 pay a lower rental than those living off the campus. In addition they have their lawns cared for, garbage removed, fire protection, and police protection without any additional cost. Consequently when a house on the campus becomes vacant there are many applicants. An attempt was made to equalize rentals back in 1950-51, but conditions immediately following that year made this impossible.

Two disinterested persons recently made a survey of the college houses and recommended what they thought would be a fair rental on each. These recommendations will be presented to the Executive Committee which is charged with fixing rentals.
## Proposed Revised Budget

### Collegiate Activities 1939-40

1. **Estimated Income**
   - **A. State Funds**
     - Fertilizer Inspection Tax: $170,000.00
     - State Appropriation: $105,000.00
     - State Appropriation—Behrend Lab: $25,000.00
   - **B. Land Grant Funds (U. S.)**
   - **C. Student Tuition and Fees**
   - **D. Clemson Bequest, etc.**
   - **E. Rents and Sales**
   - **Total**

Note: Prior to the June 1939 meeting the total income was estimated at $591,736.27. The increase is due to rearrangement of student payments as authorized by the Board.

2. **Budget as approved at July 1939 meeting**
   - **$585,018.00**

To be budgeted at October meeting

3. **Recommendations at October meeting for use of unbudgeted funds:**

   - **A. Salary changes as listed**
     - $29,055.00
   - **B. New positions - $5600 per annum effective as of January 1, 1940**
     - Asst. Librarian: $1200
     - Stono. Engr. School: $1020
     - Fertilizer Chemist: $1500
     - Stono. Agric. half time: $60
     - Asst. Supt. Bldgs. & Grounds: $1300
     - **$34,081.00**
   - **C. Books for Library**
     - $2,000.00
   - **D. Shop Tools Vocational Education**
     - $226.00

The following to be authorized on condition the Fertilizer Tax reaches the estimate above:

   - **E. Book stocks for Library**
     - $2,750.00
   - **F. Lights for book stacks**
     - $350.00
   - **G. Microscopes for Botany**
     - $1,060.00
   - **H. Chemistry Desks**
     - $3,000.00
   - **I. Chemistry Equipment**
     - $3,000.00
   - **J. Miscellaneous**
     - $316.27

The changes and adjustments to be recommended summarize as follows:

- **Proposed Salary Roll**: $378,662.00
- **Present Salary Roll**: $349,507.00
- **Changes Recommended**: $29,055.00
- **Less increase in house rent**: $28,000.00

$1,557.27
<table>
<thead>
<tr>
<th>Position</th>
<th>Degree</th>
<th>Years of Service</th>
<th>Salary</th>
<th>Perquisite in House</th>
<th>Proposed Increase</th>
<th>Proposed Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assoc. Prof. Bot. &amp; Bact. &amp; Vice Dean</td>
<td>B.S.</td>
<td>28</td>
<td>$2,796</td>
<td>College $95</td>
<td>$3,000</td>
<td>$3,200</td>
</tr>
<tr>
<td>W. B. Aull</td>
<td>B.S.</td>
<td>28</td>
<td>$2,300</td>
<td>Exp. Sta.</td>
<td>$20,4</td>
<td>$20,4</td>
</tr>
<tr>
<td>Prof. Animal Husb.</td>
<td>M.S.</td>
<td>20</td>
<td>1,392</td>
<td>College $00</td>
<td>1,596</td>
<td>2,004</td>
</tr>
<tr>
<td>L. V. Starkey</td>
<td>M.S.</td>
<td>20</td>
<td>2,000</td>
<td>Exp. Sta.</td>
<td>3,795</td>
<td>3,795</td>
</tr>
<tr>
<td>Prof. Zool. &amp; Entomology, F. Sherman</td>
<td>M.S.</td>
<td>11 (Honorary)</td>
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(1) No increase because of lack of advanced training.
(2) Summer School.
(3) No increase until he secures M.S. degree.
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(1) Make Associate Professor.

(2) Paid by State Department of Education.
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(2) Summer School or degree.
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(1) Summer School.

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(1) Summer School.
### INSTRUCTORS (Continued)

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<th>Salary</th>
<th>Perquisite Proposed in House</th>
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<td>B.S.</td>
<td>31</td>
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<td></td>
<td></td>
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<td>1,000 Cadet</td>
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<tr>
<td>Treasurer</td>
<td></td>
<td>31</td>
<td>1,620 College</td>
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<tr>
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<td>M.A.</td>
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<tr>
<td>Surgeon</td>
<td>M.D.</td>
<td>13</td>
<td>4,176</td>
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<tr>
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<td>19</td>
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<td>90</td>
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(1) Cadet Hospital.
(2) Cadet Mess.

**LIBRARY**

<table>
<thead>
<tr>
<th>Librarian</th>
<th>Degree</th>
<th>Years of Service</th>
<th>Salary</th>
<th>Perquisite in House</th>
<th>Proposed Proposed Increase Salary</th>
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<tbody>
<tr>
<td>Cornelia Graham</td>
<td>B.S.</td>
<td>17</td>
<td>1,800</td>
<td>60</td>
<td>2,040</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>30</td>
<td>60</td>
<td>2,040</td>
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<tr>
<td>Josephine Strother</td>
<td>A.B.</td>
<td>2 mos.</td>
<td>1,500</td>
<td>120</td>
<td>1,620</td>
</tr>
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<td></td>
<td></td>
<td>1,500</td>
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<td></td>
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<tr>
<td>Virginia Drewry</td>
<td>A.B.</td>
<td>2 mos.</td>
<td>1,200</td>
<td>60</td>
<td>1,260</td>
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<tr>
<td>Antoinette Earle</td>
<td>A.B.</td>
<td>7</td>
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<td></td>
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<td>900</td>
<td>300</td>
<td>1,200 (1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>900</td>
<td>300</td>
<td>1,200 (1)</td>
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<td>900</td>
<td>300</td>
<td>1,200 (1)</td>
</tr>
<tr>
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<td>900</td>
<td>300</td>
<td>1,200 (1)</td>
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<td></td>
<td></td>
<td>900</td>
<td>300</td>
<td>1,200 (1)</td>
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(1) On leave at School 1939-40.
## Executive and Clerical Staff

<table>
<thead>
<tr>
<th>Position</th>
<th>Salary</th>
<th>Perquisite in House</th>
<th>Proposed Increase</th>
<th>Proposed Salary</th>
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<tbody>
<tr>
<td>Supt. Bldgs. &amp; Grounds D. J. Watson</td>
<td>$2,880</td>
<td>$65</td>
<td>$120</td>
<td>$3,000</td>
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<tr>
<td>Asst. to President &amp; Alumni Secretary, J. H. Woodward</td>
<td>2,460</td>
<td>30</td>
<td>00</td>
<td>2,460</td>
</tr>
<tr>
<td>Campus Marshal R. E. Roark</td>
<td>2,100</td>
<td>00</td>
<td>00</td>
<td>2,100</td>
</tr>
<tr>
<td>Bookkeeper B. E. Burley</td>
<td>873 College 2,127 Other</td>
<td>00</td>
<td>00</td>
<td>2,127</td>
</tr>
<tr>
<td>Bookkeeper A. J. Brown</td>
<td>2,600 College 210 Other</td>
<td>00</td>
<td>00</td>
<td>2,610</td>
</tr>
<tr>
<td>Asst. Bookkeeper H. D. Cochran</td>
<td>1,800</td>
<td>15</td>
<td>00</td>
<td>1,800</td>
</tr>
<tr>
<td>Asst. to Treasurer Helen Morrison</td>
<td>1,500</td>
<td>00</td>
<td>00</td>
<td>1,500</td>
</tr>
<tr>
<td>Asst. in Treasurer's Office Ida Townsend</td>
<td>1,400</td>
<td>00</td>
<td>00</td>
<td>1,400</td>
</tr>
<tr>
<td>Secretary to President Virginia Shanklin</td>
<td>1,608</td>
<td>00</td>
<td>192</td>
<td>1,800</td>
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<tr>
<td>Asst. to Registrar Jean B. Sloan</td>
<td>1,464</td>
<td>00</td>
<td>36</td>
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<tr>
<td>Secretary to Business Mgr. Mary L. Ritchie</td>
<td>1,500</td>
<td>00</td>
<td>00</td>
<td>1,500</td>
</tr>
<tr>
<td>Asst. to Business Mgr. T. E. Stanley</td>
<td>1,100</td>
<td>00</td>
<td>00</td>
<td>1,100</td>
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<tr>
<td>Chaplain D. E. Veale</td>
<td>600</td>
<td>00</td>
<td>120</td>
<td>720</td>
</tr>
<tr>
<td>Chaplain J. K. Goode</td>
<td>600</td>
<td>00</td>
<td>120</td>
<td>720</td>
</tr>
<tr>
<td>Chaplain D. A. Clyburn</td>
<td>600</td>
<td>00</td>
<td>120</td>
<td>720</td>
</tr>
<tr>
<td>Chaplain S. J. L. Crouch</td>
<td>600</td>
<td>00</td>
<td>120</td>
<td>720</td>
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<tr>
<td>Y.M.C.A. Secretary P. E. Haltzendorf</td>
<td>600</td>
<td>00</td>
<td>120</td>
<td>720</td>
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<tr>
<td>News Director Joe Sherman</td>
<td>1,920 College 1,308 Athletic 1,925</td>
<td>125</td>
<td>125</td>
<td>617</td>
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<tr>
<td>Instr. Intramural Sports Fred Kirchner</td>
<td>600</td>
<td>00</td>
<td>00</td>
<td>600</td>
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<td>Recorder S. H. Martin</td>
<td>100</td>
<td>00</td>
<td>00</td>
<td>100</td>
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<tr>
<td>Asst. to Registrar J. W. LaGrone</td>
<td>1,800</td>
<td>30</td>
<td>200</td>
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<tr>
<td>Asst. to Registrar K. N. Vickery</td>
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<td>00</td>
<td>300</td>
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$23,537 $895 $1,373 $30,410

(1) Summer School.
<table>
<thead>
<tr>
<th>Position</th>
<th>Salary</th>
<th>Perquisite in House</th>
<th>Proposed Increase</th>
<th>Proposed Salary</th>
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</thead>
<tbody>
<tr>
<td>Commandant</td>
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<td>$00</td>
<td>$00</td>
<td>$1,800</td>
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<td>Assoc. Commandant</td>
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<td>00</td>
<td>660</td>
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<tr>
<td>Asst. Commandant</td>
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<td>00</td>
<td>00</td>
<td>240</td>
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<tr>
<td>Asst. Commandant</td>
<td>240</td>
<td>00</td>
<td>00</td>
<td>240</td>
</tr>
<tr>
<td>Asst. Commandant</td>
<td>240</td>
<td>00</td>
<td>00</td>
<td>240</td>
</tr>
<tr>
<td>Asst. Commandant</td>
<td>240</td>
<td>00</td>
<td>00</td>
<td>240</td>
</tr>
<tr>
<td>Asst. Commandant</td>
<td>240</td>
<td>00</td>
<td>00</td>
<td>240</td>
</tr>
<tr>
<td>Sergt. Major</td>
<td>1,20</td>
<td>00</td>
<td>180</td>
<td>600</td>
</tr>
<tr>
<td>Sergt. Clerk</td>
<td>1,20</td>
<td>00</td>
<td>180</td>
<td>600</td>
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<td>600</td>
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<tr>
<td>Sergt. Clerk</td>
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<td>00</td>
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<tr>
<td>$5,580</td>
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FERTILIZER INSPECTION AND ANALYSIS

<table>
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<tr>
<th>Position</th>
<th>Salary</th>
<th>Perquisite in House</th>
<th>Proposed Increase</th>
<th>Proposed Salary</th>
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</thead>
<tbody>
<tr>
<td>Head of Department and Secty. Board of Control</td>
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<td>$65</td>
<td>$300</td>
<td>$2,700</td>
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<tr>
<td>Chief Chemist</td>
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<td>00</td>
<td>200</td>
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</tr>
<tr>
<td>Chemist</td>
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<td>00</td>
<td>00</td>
<td>2,400</td>
</tr>
<tr>
<td>Asst. Chemist</td>
<td>2,100</td>
<td>00</td>
<td>00</td>
<td>2,100</td>
</tr>
<tr>
<td>Asst. Chemist</td>
<td>1,500</td>
<td>00</td>
<td>00</td>
<td>1,500</td>
</tr>
<tr>
<td>Asst. Chemist</td>
<td>1,800</td>
<td>00</td>
<td>100</td>
<td>1,900</td>
</tr>
<tr>
<td>Asst. Chemist</td>
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<td>00</td>
<td>120</td>
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<tr>
<td>Clerk</td>
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<td>00</td>
<td>00</td>
<td>1,200</td>
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<tr>
<td>Mrs. Gertrude Worley</td>
<td>$13,800</td>
<td>65</td>
<td>$720</td>
<td>$14,520</td>
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<tr>
<td>Position</td>
<td>Salary</td>
<td>Proposed Increase</td>
<td>Proposed Salary</td>
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<td>----------------------------------------------------</td>
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<tr>
<td>Dean's Office School of Agriculture</td>
<td>$1,116</td>
<td>$4</td>
<td>$1,200 (1)</td>
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<td>Animal Husbandry Dept. Margaret Cooper</td>
<td>540</td>
<td>College 1,020</td>
<td>540</td>
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<td>Botany &amp; Bacteriology Dept. Lilla Johnstone</td>
<td>756</td>
<td>College 852</td>
<td>852</td>
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<td>Horticultural Dept. Martha A. Goodman</td>
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<td>College 1,220</td>
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<tr>
<td>School of Engineering Nellie McHugh</td>
<td>1,116</td>
<td>80</td>
<td>1,200</td>
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<tr>
<td>School of Chemistry Bessie M. Lane (Part Time)</td>
<td>648</td>
<td>72</td>
<td>720</td>
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<td>School of Textiles Bessie H. Smith</td>
<td>1,056</td>
<td>11</td>
<td>1,200</td>
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<tr>
<td>School of Vocational Ed. Dorothy Cary</td>
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<td>1,200</td>
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</tr>
<tr>
<td>School of Vocational Ed. Evelyn Metz</td>
<td>558</td>
<td>College 558</td>
<td>558</td>
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<td>Bus. Mgrs. Office Emma Lou Wigington</td>
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<tr>
<td>Registrar's Office Brantly Johnstone</td>
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<td>1,200</td>
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<tr>
<td>Registrar's Office Dorothy Law</td>
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<td>1,116</td>
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</tr>
<tr>
<td>Treasurer's Office Rebecca Evans</td>
<td>1,116</td>
<td>00</td>
<td>1,116</td>
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</tr>
<tr>
<td>Alumni Office Mrs. D. H. Henry (Part Time)</td>
<td>408</td>
<td>12</td>
<td>420</td>
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<tr>
<td></td>
<td>$12,125</td>
<td>756</td>
<td>$12,882</td>
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</table>

(1) Add $300.00 from Research Funds.
I recommend that requests be made to the 1940 Legislature for the amounts listed for Public Service Activities as follows:

**REQUESTS TO THE 1940 LEGISLATURE FOR FISCAL YEAR 1940-1941**

### Agricultural Research

**Appropriation for 1939-40 approved in July 1939:** $40,000.00

*Increases requested for 1940-41:*

- **Salaries:** $2640
- **Wages:** $2000
- **Printing Bulletins:** $1000
- **Feed:** $1000
- **Motor Vehicle Supplies:** $1000
- **Agricultural Supplies:** $1000
- **Insurance:** $2000
- **Motor Vehicle Equipment:** $600
- **Agricultural Equipment:** $2000
- **Live Stock:** $4150
- **Land:** $1500
- **Buildings:** $1000

Request for 1940-41: $69,290.00

(The request for 1939-40 was $67,654.)

### Truck Experiment Station

**Appropriation for 1939-40 approved in July 1939:** $13,236.00

*Increases requested for 1940-41:*

- **Salaries:** $2700
- **Plant Pathologist (New):** $2700
- **Wages, supplies, travel, etc.:** $2300
- **Supplies, wages, etc.:** $900
- **Residence for Supt.:** $5000

Request for 1940-41: $24,480.00

(The request for 1939-40 was $25,180)

### Edisto Experiment Station

**Appropriation for 1939-40 approved in July 1939:** $25,000.00

**Deficiency Appropriation:** $5,000.00

Request for 1940-41: $30,000.00

*Deficiency Appropriation:*
- **Salaries:** $636
- **Wages:** $1906
- **Supplies, etc.:** $1258

Request for 1940-41: $33,800.00

(The request for 1939-40 was $30,198.09)

### Tobacco Research

**Appropriation for 1939-40 approved July 1939:** $14,480.00

*Increases requested for 1940-41:*

- **Tobacco Specialist:** $2700
- **Wages, additional:** $1000
- **Supplies:** $150
- **Equipment:** $2100
- **Lands & buildings:** $3670

Request for 1940-41: $24,400.00

(Request for 1939-40 was $25,500)
Crop Pests and Diseases

Appropriation 1939-40 approved July 1939.............................. $ 7,438.00

Increases requested for 1940-41:
Salaries.............................. $ 4,614
Pathologist.......................... 2700
Travel................................. 525
Supplies............................... 333
Insurance.............................. 1.0
Motor Vehicle equipment............. 500

$4,562.00

Request for 1940-41.............................................. $12,000.00

(Request for 1939-40 was $10,185)

Live Stock Sanitary Work

Appropriation for 1939-40 approved July 1939......................... $38,550.00

Increases requested for 1940-41:
Salaries................................ $10,569.79
Travel................................. 2,605.21
Contributions......................... 24,500.00

$37,675.00

Request for 1940-41.............................................. $76,225.00

(The request for 1939-40 was $85,758.26)

Agricultural Extension Service

Appropriation for 1939-40 approved July 1939......................... $156,000.00

Increases requested for 1940-41:
Salaries(Additional).................. $10,327.60
Contractual Services................ $11,410

$10,770.00

Less reductions in
supplies & equipment
listed for 1939-40.............. 770.00

$10,000.00

Request for 1940-41.............................................. $166,000.00

(The request for 1939-40 was $166,000)

SUMMARY PUBLIC SERVICE ACTIVITIES

Requests for 1940-41

Agricultural Research........................................... $ 69,290.00
Truck Experiment Station................................. 21,480.00
Edisto Experiment Station................................. 33,800.00
Tobacco Research............................................. 21,400.00
Crop Pests and Diseases.................................. 12,000.00
Live Stock Sanitary Work................................. 76,225.00

Extension Service........................................... 166,000.00

Total Requests Public Service......................... $416,195.00

(Total Appropriation 1939-40 was $209,704.00)
7. I recommend that request be made to the 1940 Legislature for Collegiate Activities as indicated below:

## COLLEGIATE ACTIVITIES

### Request for 1940-41

<table>
<thead>
<tr>
<th>Expenditures 1939-40</th>
<th>Budget for 1940-41</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating expenses for 1939-40</td>
<td>$560,018.00</td>
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<tr>
<td>budgeted at July meeting</td>
<td></td>
</tr>
<tr>
<td>Salaries and equipment to be budgeted at October meeting</td>
<td>$445,575.27</td>
</tr>
<tr>
<td>Total for operating expenses</td>
<td>$601,575.27</td>
</tr>
<tr>
<td>Special Item -- Behrend Laboratory</td>
<td>$25,000.00</td>
</tr>
<tr>
<td>Estimated Income 1939-40</td>
<td></td>
</tr>
<tr>
<td>Tuition and Fees</td>
<td>$236,839.00</td>
</tr>
<tr>
<td>Land Grant Funds (U.S.)</td>
<td>$51,395.91</td>
</tr>
<tr>
<td>Rents, Sales, etc</td>
<td>$41,350.36</td>
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<tr>
<td>Fertilizer Tax</td>
<td>$170,000.00</td>
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<tr>
<td>Regular State Appropriation</td>
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</tr>
<tr>
<td>Special State Appropriation -- Behrend Laboratory</td>
<td>$25,000.00</td>
</tr>
<tr>
<td>Total estimated income</td>
<td>$629,575.27</td>
</tr>
</tbody>
</table>

What should be the request to the 1940 Legislature for Collegiate Activities?

1. If we hold to the 1939-40 Budget, other than the Special Appropriation, and the Fertilizer Tax comes up to the estimate, then our request could be the same as for the current year, $105,000.00. However, there is a feeling on the part of some that the requests are usually made in excess of the actual needs due to the fact that the Budget Commission has for the past several years made reductions in these requests. It must be kept in mind that in the event there is a general increase in prices we may find it necessary to raise the board back to 1938-39 figure of $36 per month.

2. There is a real and urgent need for additional classroom and laboratory equipment throughout the college. It is suggested that our regular 1940 request be not less than $130,000.00 (the amount appropriated in 1939) exclusive of any special items. The request to the 1939 Legislature was $201,011.00.

3. For the information and guidance of the Board a list of needs in the several departments follows. It is not suggested that we should make request for all these items at this time, but the opinion of the Board as to the total request to the Legislature is desired. This list does not include a new Water Supply. If it fails to rain within the next 30 days we may find ourselves facing a serious shortage of water. A new water system will cost at least $75,000.00.
### School of Chemistry

**G-7 Educational Equipment**
- 6 Lab. Desks for Qualitative & Quantitative Chemistry: $3,000.00
- 6 Lab. Desks for Freshman Chemistry: $3,000.00
- Misc. Equipment for Industrial Chem.: $200.00
- Equipment for Dairy Chem.: $1,008.00
- Equipment for Chemical Engr.: $1,995.00

Total for School of Chemistry: $9,203.00

### Library

**G-7 Educational Equipment**
- Blinds, Cabinets, etc.: $850.00
- Complete existing stacks: $5,000.00

Total for Library: $5,850.00

### School of Engineering

**G-7 Educational Equipment**
- Metallurgical Equipment: $422.00
- Soil Mechanics Equipment: $200.00
- Electrical Tachometer: $85.00
- Educational Slide Rule: $20.00
- Hydraulic Flow Apparatus: $200.00
- Fifth Harmonic Generator: $200.00
- Cathode Ray Oscillograph: $80.00
- Mercury Arc Rectifier: $3,000.00
- Slides for Architecture: $500.00

Total for School of Engineering: $4,727.00

### School of Vocational Education

**G-7 Educational Equipment**
- Auto Mechanics equipment: $185.00

**G-4 Trade old cars for 3 station wagons to transport students doing practice teaching:** $2,200.00

**G-1 Water Cooler:** $119.00

Total for School of Vocational Education: $2,577.00

### School of Agriculture

**G-7 Educational Equipment**
- Greenhouse for class work: $6,000.00
- Dairy Department Office and class furniture: $640.00
- Powdered milk machine: $3,500.00
- Laboratory equipment: $2,095.00

- Poultry Department Boiler and truck: $1,200.00

**Special Items**
- Animal Husbandry Department Beef cattle barn and Equipment: $330,000.00
- Live Stock: $600.00

**Agricultural Engineering Building & Equipment:** $50,000.00

Total for School of Agriculture: $95,035.00
### School of Textiles

**G-7 Education Equipment**

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Carding and Spinning</td>
<td></td>
</tr>
<tr>
<td>1 Card</td>
<td>$1,000.00</td>
</tr>
<tr>
<td>1 Comber and Seiver lap machine</td>
<td>$3,000.00</td>
</tr>
<tr>
<td>1 Long draft roving</td>
<td>$2,000.00</td>
</tr>
<tr>
<td>3 Spinning frames</td>
<td>$2,100.00</td>
</tr>
<tr>
<td>2 Cotton twisters</td>
<td>$1,500.00</td>
</tr>
<tr>
<td>3 Rayon twisters</td>
<td>$3,000.00</td>
</tr>
<tr>
<td>2 Cotton winders</td>
<td>$1,600.00</td>
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<tr>
<td>Humidifying equipment, part.</td>
<td>$3,000.00</td>
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<tr>
<td><strong>Total</strong></td>
<td>$17,200.00</td>
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<table>
<thead>
<tr>
<th>Item Description</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
<td>(b) Weaving and Designing</td>
<td></td>
</tr>
<tr>
<td>15 Plain looms for Fresh</td>
<td>$4,500.00</td>
</tr>
<tr>
<td>18 Plain looms for Sophs</td>
<td>$5,400.00</td>
</tr>
<tr>
<td>14 Lobby looms for Juniors</td>
<td>$9,800.00</td>
</tr>
<tr>
<td>3 Jacquard looms for Sems</td>
<td>$3,000.00</td>
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<tr>
<td>10 Lobby looms for pattern weaving</td>
<td>$10,000.00</td>
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<tr>
<td>Humidifying Equipment, part.</td>
<td>$2,500.00</td>
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<tr>
<td><strong>Total</strong></td>
<td>$35,200.00</td>
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<table>
<thead>
<tr>
<th>Item Description</th>
<th>Cost</th>
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<tbody>
<tr>
<td>(c) Chemistry and Dyeing</td>
<td></td>
</tr>
<tr>
<td>3 Chemistry Desks</td>
<td>$4,500.00</td>
</tr>
<tr>
<td>4 Dyeing Machines</td>
<td>$3,500.00</td>
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<tr>
<td>1 Printing Machine</td>
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<tr>
<td>1 Jig</td>
<td>$1,000.00</td>
</tr>
<tr>
<td>Kiers and Vats</td>
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<tr>
<td><strong>Total</strong></td>
<td>$11,000.00</td>
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<table>
<thead>
<tr>
<th>Item Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>(d) Testing Room</td>
<td></td>
</tr>
<tr>
<td>Testing apparatus</td>
<td>$2,400.00</td>
</tr>
<tr>
<td>Conditioning equipment</td>
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<td><strong>Total</strong></td>
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<table>
<thead>
<tr>
<th>Item Description</th>
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</thead>
<tbody>
<tr>
<td>(e) Miscellaneous</td>
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<tr>
<td>Assembly room chairs</td>
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<tr>
<td>Classroom chairs</td>
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<tr>
<td>Office equipment</td>
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<tr>
<td><strong>Total</strong></td>
<td>$1,600.00</td>
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</table>

**Total for School of Textiles** $72,700.00

**GRAND TOTAL ALL SCHOOLS** $190,092.00
8. Authority was granted at the October 1938 meeting to borrow an amount no exceeding $30,000.00 to be used toward the completion of the Field House. Negotiations are now under way with the W.P.A. for any possible assistance, and the local banks have agreed to make a loan. It is recommended that the following resolution, which is practically the same as the one passed by the Board in 1929 when the first unit of the Field House was erected, be adopted:

BE IT RESOLVED:

That permission be and the same is hereby given the Athletic Council of Clemson Agricultural College to complete the third unit of the Field House on the campus at Clemson College, that the cost of the completion of the said unit of the Field House shall be defrayed from Athletic fees of the student body and gate receipts received from inter-collegiate contests, further that the Athletic Council be permitted to borrow the sum of $30,000.00 if so much be necessary in carrying out the plans for the completion of said building and that they be authorized and directed to pledge as collateral the student athletic fees and gate receipts from year to year until interest and principal are fully discharged. Provided Further, that the annual installments paid on the principal shall be not less than $5,000.00. Provided Further, that the Athletic Council be authorized to use 50 per cent of the net balance in the Athletic Account to supplement any loan which may be made. Provided Further, that Athletic Council shall act in the carrying out of these plans in conjunction with the President of the College and the Executive Committee of the Board of Trustees.

9. I recommend that a Committee of the Board be appointed to advise with the Treasurer and Business Manager in the matter of investing approximately $15,500.00 Student Loan Fund balances and $25,000.00 Faculty Retirement Fund. A report of the nature of the investment to be made to the Board at a subsequent meeting.

10. At a previous meeting authority was granted to investigate the possibility of developing building sites on the Lee property for use by members of the college staff. Surveys have been made and the location of lots determined. Before any further steps are taken the Board must decide whether or not the college should dispose of any of its property to employees for building homes. If so terms and conditions must be agreed upon.

The following are suggested as conditions and restrictions to be placed on the sale of any lots from the Lee tract:

1. Restricting the ownership and occupancy to white people.
2. No house to cost less than a certain minimum.
3. No hotel, tenement, or apartment house to be constructed.
4. Only one dwelling house may be constructed on a lot.
5. The purchaser shall build within a certain number of months from date of purchase.
6. The building shall be placed in line with other houses in the sub-division.
7. No commercial or obnoxious trade shall be carried on upon the premises.
8. To comply with the law write in the deed that the title shall revert to the college if conditions and restrictions are violated. Also place a time limit in connection with any violation.

If the Board looks with favor upon these suggestions I recommend that we be authorized and directed to draw up in legal form terms, conditions, regulations, and restrictions the same to be submitted to the Federal Building and Loan authorities for comments and submitted to the Board at the March 1940 meeting.
11. I recommend that any employee living in a college house on the campus who builds a residence in the vicinity of the college terminate his rental agreement in not less than 12 months after the completion of his residence.

12. I recommend that the residences on the campus to be vacated by Dean Willis and Professor Freeman be discontinued as residences because of their close proximity to the college buildings and that if necessary they be used for college purposes.

13. I recommend in view of the fact that our barracks and classroom buildings are now virtually filled to capacity that a reservation fee of $5.00 be required of each applicant, both old and new, before his application is accepted by the college.

14. At the request of Director Watkins, I recommend that the salary of Mr. B. E. C. Prichard, Assistant Extension Agronomist, be increased from $2,220.00 to $2,600.00 per annum, effective as of September 25, 1939. Mr. Prichard is to be employed in cooperation with the Bureau of Plant Industry of the U. S. Department of Agriculture which department has agreed to contribute $2,000.00 for this activity.

15. At the request of Director Watkins, I recommend that Mr. V. A. Henry be appointed to succeed Mr. T. F. Cooley as Assistant Extension Dairyman at a salary of $2,900.00 per annum. The salary of the position was $2,700.00 but we were unable to secure a suitable person for this figure.

16. At the request of Director Watkins, I recommend that effective October 1, 1939, the salary of Mr. P. S. Willimon, Assistant Farm Management Specialist be increased from $2,040.00 to $2,300.00. Mr. Willimon has completed one year's graduate work at Louisiana State University.

17. At the request of Director Watkins, I recommend that Mr. C. R. Ross be appointed to the position of Assistant Extension Forester, at a salary of $2,700.00, effective November 1, 1939.

18. At the request of Director Cooper, I recommend that Mr. M. J. Peterson be appointed to succeed Mr. J. L. Palmer as Assistant Agricultural Economist on the Research Staff at a salary of $2,600.00. The salary of the position was $2,420.00 but we were unable to secure a suitable person for this figure.

19. At the request of Director Cooper, I recommend that the salary of Mr. E. E. Hall, Superintendent of the Pee Dee Station, be placed on the same salary basis as department heads in the School of Agriculture and that his salary be increased from $3,048.00 to $3,800.00, an increase of $552.00, effective July 1. Mr. Cooper reports that the U. S. Department of Agriculture has indicated its willingness to take over a part of Mr. Hall's salary for the remainder of the fiscal year.

20. At the request of Director Cooper, I recommend that the salary of Mr. Frank Harrell, Research Assistant at the Pee Dee Station, be increased from $1,420.00 to $1,650.00, an increase of $130.00, the increase to be paid from Experiment Station funds, effective as of August 1.
21. At the request of Dean Cooper, I recommend that Dr. W.T. Ferrier, Associate Agricultural Economist in the Experiment Station, be given collegiate rank of Associate Professor of Agricultural Economics. Dr. Ferrier now carries a regular teaching schedule.

22. I recommend that the college sponsor a request to the General Education Board for the purpose of securing a grant to finance the writing of the story of the work of Dr. Seaman A. Knapp. It is suggested that such a project be under the supervision of Mr. A. Frank Lever and that the President of the College, the Director of Extension, and the Director of Research be appointed as a Committee to represent the college in approaching the General Education Board.

23. Report of Trustee Committee on Resettlement Project near the college.

24. Recommendations from Agricultural Committee of the Board.

25. Since it has been determined that it is not feasible to provide a retirement allowance as part of our Group Insurance plan, it is recommended:

That the Board rescind its agreement to provide an annuity in connection with Group Insurance.

(The approved plan for faculty retirement has divorced the retirement pay from Group Insurance.)

That the Board give consideration to a retirement plan for Extension, Research, and Livestock Sanitary Work employees. These employees are under the impression that their Group Insurance provides for a retirement allowance.