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President's Report to Board of Trustees, 1941

Clemson University

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Clemson, South Carolina
April 12, 1941

The Honorable Board of Trustees
of
The Clemson Agricultural College

Gentlemen:

It is my plan to present only a very brief report at this time with the idea that a detailed report and full recommendations will be presented to you at the June meeting.

Faculty and Student Cooperation

In beginning this report I wish to tell you of the splendid cooperation I have had from the cadet corps and from the faculty. The cadets, despite strict enforcement of regulations and the general tightening of requirements, have shown a splendid and cooperative spirit. The faculty in classrooms, laboratories, and in extra curricular activities which are beneficial to student welfare, have contributed much toward making the administrative efforts work smoothly and effectively. I am indeed appreciative of this loyal and cooperative spirit.

Week-End Leaves and Hitch Hiking

With the exception of a few students who have acceptable excuses for leaving the school at various times on week days, cadets are not allowed to be absent from formations before the Saturday morning inspection of barracks, arms, and personnel. Those having more than one deficiency in subjects during the previous term and at mid-semester are not privileged to be absent except on authorized holidays. Those measures have reduced hitch hiking but have not satisfactorily controlled it.

Under the present system of scheduling courses, cadets
place much of their work in the early part of the week and often do not schedule courses given on Friday afternoon or Saturday morning. No doubt this contributes to the desire to leave the campus on week-ends. We shall attempt to correct these irregularities. We are mindful of the restless nature of young people today and feel that we must provide opportunities for satisfying their emotional needs. We may well consider a program of wholesome outdoor sports and movies for the week-ends as further encouragement toward satisfying the week-end needs of students.

**Technological Curricula**

The value of a technological school is determined by its success in maintaining continuity and a perfect balance between the theoretical and practical in its curricula. Over emphasis on applied or practical work leaves the student without the proper educational tools. Good foundation in theory adds to efficiency and effectiveness in the practical. With your support, we shall strive to adjust the curricula in this institution to conform to the principles set forth above. With the exception of a few short courses offered without college credit to the youth of this state so as to help them become more useful in the trades, we shall attempt to build all courses on standards worthy of college values.

**Hospital**

Last June the Board authorized the remodeling of the Old Textile Building for additional hospital space. The destruction by fire of the Calhoun-Clemson School building during the late summer made it advisable for the college to cooperate further by loaning the Old Textile Building to the public school authorities. The building will be vacated soon and the original plans may be pursued if the Board so rules.

At this time I believe there is some question in the mind of the College Physician as to the present plans being the correct solution of hospital needs.
There was a mild epidemic of flu and some measles among the students immediately following the holidays. A prompt quarantine imposed at the beginning of the epidemic may have prevented many cases of pneumonia.

The College Physician believes that students should be held on the campus during the severe winter months as a logical resort toward protecting their health.

Nine hundred and twenty hospital cases came under the care of the College Physician from January 1 to April 1. At one time the hospital and the two auxiliary barracks were used for the flu patients. At all other times the facilities of the hospital were adequate for the needs of the institution.

The Concert Series

The Concert Series, held for the first time during the present year, has proved a great success. Expressions from students and from ticket holders from nearby colleges, towns, and communities have been so encouraging that further expansion of wholesome entertainment is being made. The entertainments are chosen by a general college committee composed of faculty members and students and the numbers presented this year met with favor by students and others alike. The program for next year is even stronger than the one offered this year and we feel that this endeavor is filling a real need in the college and the community.

Student Agricultural Fair

The agricultural students, with the help of the faculty of the School of Agriculture, prepared a creditable fair that was well attended by people in many fields of endeavor. The educational values for students and faculty alike fully justified their efforts and warrant other annual fairs. The exhibits were so well prepared that both technical and practical values in science were readily understood and appreciated by those who viewed them. An entertaining horse show was presented to a large and appreciative audience during the evening. It seems important
enough educationally to warrant further development of the idea of promoting a cattle and horse show.

The Food Situation

There has been much complaint about the food during the year. Much of the complaint has concerned the method of preparation, a problem which is most difficult to control. The cooking of food in large quantities adds to the difficulty of making it palatable.

Students have asked for more vegetables and these are being supplied. Efforts are being made to prepare the food for the majority of tastes. Recomrnnadation of the methods of serving so as to have warm food may prove helpful. The serving of vegetables to the large student body is a problem because of different tastes, likes, and dislikes. It may become necessary to prepare a variety of vegetables and serve the individuals from field units or through other economical means.

I have not heard any complaint about the milk supply which seems to be adequate and of good quality. There seems to be general approval of the meats which are served.

I have eaten many meals in the dining room -- the same food as that served the students -- and it seems to me that sameness may account for some of the feeling. We shall study the food problems and seek to make changes to correct those that seem justified.

The Steward has been most cooperative in serving banquets for student organizations in large numbers and without cost. This is expensive but is appreciated and seems to be a worthwhile service.

The Problem of Additional Students

The heavy and unsatisfactory student enrollment was reported to you at the October meeting. Specific recommendations toward a satisfactory solution were not proposed then and cannot be proposed wisely now. A fuller study and understanding of the problem seems important. If the student body continues to grow the Board should consider authorizing more barracks, classrooms,
and laboratory space, and the necessary additions to the faculty.

A reasonable building program is advisable. There are now 398 rooms with three students to the room. This makes for unsatisfactory conditions so far as good work is concerned. Out-of-state students are not being encouraged to apply for entrance to Clemson and those who do apply are carefully scrutinized. These students should not confuse us but I do believe more and more out of state students will seek entrance to Clemson.

There does not seem to be sufficient information available to indicate trends towards standardization. It would seem desirable that the institution shall continue to serve all South Carolina boys and that adequate facilities be made available so that they may obtain sound instruction and be provided with suitable conditions for study and living. At the present time we have 242 day cadets, 63 day students, and 16 special students.

During the year 120 students have withdrawn from Clemson. Of this number 27 per cent left because of financial reasons; 25 per cent because of poor preparation; 13 per cent because of sickness; 9 per cent because of disciplinary action; 7 per cent to enter national defense or work of their choice; and 19 per cent for personal reasons.

National Defense Cooperation

The School of Engineering has continued to teach shop and other trade courses and to prepare flying cadets through cooperation with the Civil Aeronautics Authority. The School of Education is offering industrial courses to members of the Civilian Conservation Corps and other youth from the large centers of population. The School of Agriculture, through its dairy department and by an intensive short course, has prepared young men as milk inspectors.

The facilities of the college have been offered to the War Department for the training of officers during the summer months. We have been notified by the Corps Area Headquarters that the R.O.T.C. camp for approximately 1500 college students
will be held at Clemson from June 6 to July 17. The students will come here from institutions in the states of North Carolina, South Carolina, Georgia, Florida, Tennessee, Louisiana, Mississippi, and Alabama. In many other ways the National Defense Program is being helped by the college.

Publications and Radio

The attention of the Board is called to the variety of data going to the people of South Carolina from the college departments. The extension news sheets, The Tiger, student publications, and the annual reports from the experiment station and extension departments are worthy of your study. The annual report of the experiment station for the year is good. Professor Bradley and Dr. Daniel have published a book on the art of public speaking and the book has received many favorable comments. The news agencies have kept the college before the public in an acceptable manner.

The Tiger Staff, composed of students, presents a radio program once each week. The Committee on Radio Programs broadcasts four or five days a week and uses the dialog form in presenting the programs. It is the hope of this Committee that means may be found to give fuller distribution of the program to the people of the state than by the short wave which the Anderson Station affords.

Organization of Janitor Service

The janitors are now responsible to the head of the school or department employing them. There are no uniform regulations governing their conduct and service. It seems desirable to bring them under coordinated leadership for cooperative as well as unit service. This seems to be a desirable means of maintaining cleanliness in buildings that are neglected.

Naturalist Park

The beautification of the campus has many potential values. It is one means of keeping the public interested in
the college. Beautiful outward expressions often bring people to see the inner values of the college.

The Grounds Committee is interested in developing a small naturalist park in the area surrounding the old spring which is near the field house and the proposed stadium site. Since this area is ideally situated for park development and has no advantages for building sites we ask the approval of the Board and authorization to develop it over a period of years. We plan to use such labor as may be obtained through the W.P.A. and as may be drawn from the workers who are used on the campus.

Policy on Honorary Degrees

Most institutions award honorary degrees to deserving men of affairs. The recipients of honorary degrees are usually men advanced in years, marked by distinction in their chosen field, and outstanding because of their previous life activities and good citizenship. It would seem valuable to the college if two or three honorary degrees could be awarded at commencement time. These degrees would be awarded only after recommendation of the Faculty Council and approval by the Executive Committee or full Board.

Respectfully submitted,

R. F. Poole, President
RECOMMENDATIONS -- APRIL 12, 1941

1. I recommend that a right-of-way be granted to the State Highway Department from near the Dairy Barn South across Hunnicutt Creek for the purpose of building a hard-surfaced road to the Old Stone Church. (The present road is to be moved several hundred feet up the creek.)

2. I recommend that, subject to the approval of the Executive Committee, the President, the Business Manager, and the College Attorney be authorized and empowered to negotiate for the refinancing of the outstanding Barracks Building Bonds at a lower interest rate.

3. I recommend that Mr. S. W. Evans, Treasurer, be continued on sick leave until the June 1941 meeting of the Board.

4. (a) I recommend that the President and the Business Manager be authorized and empowered to make application to the Work Projects Administration for a project or projects for the construction and improvement of Reserve Officer Training Corps facilities at the college. (Applications may be made for $100,000.00 and be exempt from Sponsor's Contributions. They may be approved if and when any funds are available for this class of work.)

   (b) I recommend that authority be granted to negotiate with an architect for the furnishing of preliminary plans and specifications to accompany the above W.P.A. project with the understanding that if the project is approved and funds made available the said architect will be employed subject to terms and conditions approved by the Executive Committee.
5. I recommend that on condition the proposed water plant is built by the college forces, the renovation of the Old Textile Building be done by contract.

6. I recommend that authority be granted to use Hospital Funds for the purchase of hospital beds and equipment to be placed in the proposed Hospital Annex in the Old Textile Building. Further, that when necessary, the proposed Hospital Annex may be used as a "Hostess House," when not in use for hospital purposes.

7. I recommend that a Caretaker be employed for the Calhoun Mansion at a salary not to exceed $70.00 per month. Further, that Miss Ida Calhoun, who is part-time Caretaker, be continued at $25.00 per month. (Miss Ida Calhoun has been Caretaker for a number of years but is now too old to perform the required duties. The records show that several thousand persons visit this building each year.)

8. I recommend that the Trustees elect the 1941 Board of Visitors as prescribed in the By-Laws.

9. I recommend that the sum of $4,000.00 be appropriated to cover the increase in the cost of coal due to the stabilization of prices by the Guffey Act and the increase in the amount of coal burned this season.

10. I recommend that consideration be given correspondence with the Code Commissioner regarding repeal of acts authorizing Clemson to build and maintain a railroad.

11. I recommend that the Athletic Stadium be authorized, the same to be developed at an opportune time under the final approval of the Executive Committee of the Board of Trustees.
12. I recommend that the site surrounding the old spring, near the field house and the proposed stadium, be set aside for development as a Naturalist Park.

13. I recommend that the Horticultural Department be authorized to proceed with the construction of a Horticultural Products Laboratory and that the funds be drawn from the 1941 and 1942 appropriations.

14. I recommend that the Treasurer be authorized to pay Mr. A. M. quattlebaum, Assistant Professor of Civil Engineering, the sum of twenty to thirty dollars for the surveying work done at the Edisto Experiment Station.

15. I recommend that the Board approve the granting of Honorary Degrees by Clemson College, the degrees to be granted after recommendation by the Faculty Council and upon the approval of the Executive Committee.
The Honorable Board of Trustees of The Clemson Agricultural College

Gentlemen:

I am submitting herewith a report covering the work of the college since your last meeting on June 20, 1941.

The total cadet enrollment is 2305 with 1910 of this number from South Carolina. Twenty-seven states are represented by the 395 out-of-state students but 215 of the out-of-state students are from Georgia and North Carolina. There are 859 first-year students.

Student Health and Physical Condition

We have a custom at Clemson whereby visiting doctors from nearby cities help the College Physician examine the members of the freshman class when they enter here each year. I have observed the interest of the doctors and believe that we are fortunate in having this connection.

This year the visiting doctors examined 841 students. Of this number 665 passed the physical examination according to rules and regulations prescribed by the Surgeon General in Washington for R.O.T.C. candidates. This means that 176 failed to pass the examination for admission to the R.O.T.C. If physical defects are removed such students will then become eligible for admission to the R.O.T.C.

Dr. Milford sends a physical examination blank to each potential freshman prior to his admission to Clemson.
He believes this has a good effect in that many students have tonsils removed, glasses fitted, and teeth cared for before coming to the college.

**Military Department**

The enrollment of cadets and their status in the military department is shown on the table listed below. For one reason or another certain cadets are listed as Non-R.O.T.C. and this group makes up 29.4 per cent of the entire corps. Some of the upperclassmen are not in the R.O.T.C. due to low scholastic standing, failure to pass the summer training requirements, and physical deficiencies. Most of the freshmen and sophomores not admitted to the R.O.T.C. were disqualified for physical reasons.

<table>
<thead>
<tr>
<th>Class</th>
<th>R.O.T.C.</th>
<th>Non-R.O.T.C.</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seniors</td>
<td>259</td>
<td>113</td>
<td>377</td>
</tr>
<tr>
<td>Juniors</td>
<td>201</td>
<td>178</td>
<td>379</td>
</tr>
<tr>
<td>Sophomores</td>
<td>490</td>
<td>176</td>
<td>666</td>
</tr>
<tr>
<td>Freshmen</td>
<td>661</td>
<td>199</td>
<td>860</td>
</tr>
<tr>
<td></td>
<td><strong>1311</strong></td>
<td><strong>871</strong></td>
<td><strong>2282</strong></td>
</tr>
</tbody>
</table>

The resignation of Lieutenant Colonel Glenn D. Hufford leaves the staff otherwise as previously reported -- one Colonel, one Lieutenant Colonel, one Major, two Captains, six First Lieutenants, and four Sergeants.

For a number of years at the R.O.T.C. summer camp the Clemson students have been near the bottom in efficiency ratings as compared with students from other institutions. Clemson has probably the largest infantry R.O.T.C. unit of any institution in the United States. Colonel Pool is of the opinion that the Clemson quota is so much larger than that of other schools that the military department picks cadets who are only questionably qualified when compared with those of other colleges where the competition is keener.
A cadet of the advanced R.O.T.C. receives above $90.00 during his junior year and above $70.00 during his senior year.

The R.O.T.C. work is worthy of being maintained although it cannot legitimately be fostered without definite determination on the part of the students to make their contribution to the R.O.T.C. worthy of what they receive as financial remuneration. Any cadet applying himself to the task of getting an education and performing well the required military obligations should make a distinguished record. The federal government expects every advanced corps cadet to earn his commission which is not a gift. I fully agree with the Commandant that day cadets, indifferent cadets, and those with poor scholastic records are not worthy of admission into the advanced course. Much effort should be put forth to convince the cadets that the college needs a better rating in order that future students may have the support of the R.O.T.C. funds.

Cadet Regulations

The Cadet Regulations have been reprinted. Colonel Pool, Major Emanuel, and other members of the military staff are to be congratulated on the splendid appearance of the publication. The items are clearly presented and may be readily located. A copy of the Regulations has been placed in each room in barracks.

Student Dances

In order to assure wholesome conditions when the many student dances are held on the campus emphasis is being given to the enforcement of certain rules and regulations already contained in the Cadet Regulations but not enforced in recent years. I am quoting below a letter which I sent to the Members of the Central Dance Associa-
tion -- the student organization which sponsors and manages the dances.

"TO MEMBERS OF THE CENTRAL DANCE ASSOCIATION:

Of first consideration, regardless of faculty, student, or even administrative opinion, must stand the soundest and best interest of our honored and great institution -- Clemson College. All other considerations are secondary.

The traditions of an institution would not be seriously affected by any move, even a radical one, within a few short years. The character of a school is changed by slow processes for better or for worse. Our faculty, students, and the administration of the college should strive to add new extensions to the ladder and in no case allow the ladder to become shortened.

We wish to make life interesting and pleasant for our students but not at the expense of the fine ideals and principles which Clemson College is deserving of maintaining. Our existence at Clemson is short and insignificant as compared with the life of the institution; it is our duty to do our utmost to perpetuate the best of its inheritance.

When young ladies come to our campus as guests of the college we are expected to do our best to entertain them. In the past, at considerable inconvenience and not without some protest of cadets, we have moved cadets from their rooms. This was done as a gesture of good faith and willingness to satisfy the membership of the Central Dance Association.

I have written recently to seven institutions, similar in many respects to Clemson College, asking for information concerning the supervision and management of their student dances. We have heard from six of the institutions and I have had their replies tabulated for your information. You will find that not one institution has
been so accommodating as we have been at Clemson. The young ladies are not accepted as guests at the other schools and have to secure lodging and accommodations elsewhere. At five of the schools they are required to pay for their own rooms.

During the summer the field house was completed and is now available for young lady guests. In addition, at considerable expense, the top floor of the old textile building has been rearranged to accommodate young lady visitors who come to the campus for dances. I believe the arrangement will be more satisfactory than the plan followed in recent years.

In most of the institutions consulted on dance procedure the Friday evening dances are allowed to continue until two o'clock and all Saturday evening dances close by or before twelve o'clock midnight. Students who escort young ladies to their homes or to hotels or rooming houses are required to report back within one hour. A similar rule has been in effect here at Clemson for some time. (See #202 of the old Regulations and #68 of the new Regulations.) In all of the institutions students attending dances but not escorting young ladies home are required to report to their rooms within fifteen minutes after the close of the dance. This rule is not imposed at Clemson.

A few weeks ago when I addressed the student body on this subject it became apparent that the students thought that the rule requiring cadets to return young lady guests to their quarters within one hour after the dance is a hard one. The Administration welcomes your young lady friends to the campus but it is not interested in entertaining young ladies who may approve of all-night parties; regardless of their freedom at home the Clemson community is deserving of orderly conduct and of reasonable retirement on the part of cadets and their visitors.
It is apparent that the breaking of barracks has become a common practice. I am asking the Commandant to make a check on this matter and report his findings to me. In not a single instance has the college administration made a new military regulation during my regime. Rules adopted in previous administrations have been endorsed and they must be respected as long as they are on record or until the Board of Trustees sees fit to change them.

I have appointed a Social Committee of the faculty to work with you and with the Administration in sponsoring dances which will add to your pleasure and to the best interest of Clemson College.”

Mess Hall

Last year at this time a large number of cadets transferred from the mess hall to private eating places. This year not a single cadet eating in the mess hall has asked for permission to eat elsewhere. The food is good, plentiful, and well-balanced. Mr. Hill, Mr. Littlejohn, and I have all given personal attention to the matter. Several changes have been made that are proving advantageous in bringing about a better attitude among the boys and favorable reports have come to the administration.

We shall use the services of food specialists and home economists of the extension division. Eventually a dietitian will be employed and Mr. Randy Wimson will be added to the staff as soon as he completes his year of service with the army on about February first.

The cost of food has advanced much beyond what it was when the autumn supply was purchased and I feel that the cost of board must be raised.

Cost of Milk

At the present time the dairy is furnishing the
mess hall 370 gallons of milk daily at a cost of 32 cents per gallon. Professor LaMaster advises that effective October 1st it will be necessary for him to increase the price of milk to approximately 35 cents per gallon. This will add $11.10 to the daily cost of operating the mess hall or approximately $333.00 per full month.

The price charged the mess hall is based on the average wholesale cost of Pasteurized milk in the South-eastern United States. This basis was agreed upon by the Board of Trustees several years ago.

It was proposed that a comprehensive report should be made on the dairy situation at this meeting of the Board but the study has not been completed.

The price of food, including milk, has advanced rapidly in recent months and it seems advisable to follow the custom established in transferring the milk from the dairy to the mess hall.

Renovation of the Old Textile Building

The Old Textile Building will soon be completely renovated. The Physics Department was moved to the first floor before school opened. Dr. Brown reports that the facilities are good and that the new quarters are very pleasing to his staff.

The top floor of the building has been nicely reworked. All in all the building is a very nice one and suitable for many more years of service. The Board is invited to inspect this building sometime during the next meeting.

Library

It is encouraging to see so many students using the library during the evening hours. The Librarian and the Library Committee wish to encourage further reading and greater usefulness of the available literature. They
suggest that a reading room with comfortable seats, good lights, periodicals, journals, and newspapers would be of great value. The old gymnasium or museum on the South side of the Library could be renovated for this purpose. The partition could be removed and the room made attractive and pleasant for study. Eventually the entire building should be allocated to the functions of the library service.

The Buildings and Grounds Committee proposes and recommends the removal of the shops, bulletins, and departmental supplies now stored in this building.

Roads and Walks

The Buildings and Grounds Committee has studied the location of roads and sidewalks which would prove advantageous to future building sites and a well-rounded and permanent building program. There is much need for additional roads which would add to the value of the college in many respects. If built some of these roads will of necessity cross pastures and in some cases require the removal of certain dwellings.

The proposed roads will favor good traffic conditions to and from the college and relieve the present roads of much heavy service. The new roads will make possible further desirable landscaping of the campus and college lands.

The Engineering School

The School of Engineering has lost several valuable instructors through resignations. Others are serving in the National Defense program. Dean Earle experienced much difficulty in securing men to fill vacancies and to fill positions vacated by men who are on military leave. This situation may be repeated again next year.

The National Defense program has interested many
students in engineering subjects. The teaching load in this school will require several additional instructors another year. Dean Earle anticipates that an instructor each for drawing and architecture, mechanical engineering, civil engineering, and electrical engineering will be needed if the present load continues.

Other schools and divisions have lost instructors but the positions have been filled without difficulty.

Textile Research

Much progress has been made in recent years in the textile industry. With a good staff, a magnificent building, and valuable equipment, the college should be in a position to render much service to the industry. There are many problems, some of them going back into the field, that the mills wish to have solved. Some of the problems will take years of painstaking research while others may need only a few minutes of an expert's time. The Textile School has an opportunity to return to the state and to the industry far more than the cost of the facilities which would make the research possible. Each member of the faculty will be encouraged to undertake a comprehensive experimental assignment.

Textile Extension

It is hoped that money will some day become available for making it possible to carry useful information to the textile industry similar to the way the agricultural extension service helps the farmers. It is obvious that this service, and any other service to the industry, should be without cost. The prestige of the school, as well as its future development, will depend upon how well it can be promoted as a public service agency. We have equipment and machinery largely through the efforts of public spirited textile men and it is up to the school to make the best use
of these gifts.

Salaries

The cost of living has risen so extensively that in the future a hardship will be imposed upon the small-salaried workers of the college. It is advisable to increase salaries where possible and when great good seems assured by doing so. In cases where federal funds are available slight raises may be made at this time. The college has already lost a number of good men because of low salaries here and larger salaries elsewhere. Slight raises have been made in a few cases to keep good men. In chemistry and engineering it has been a difficult problem to get and keep good men on the salaries paid at Clemson. So many men in these fields have been called into service there are few left for teaching assignments. The Board of Visitors recognized this and recommended that salary adjustments be made.

I feel that at Clemson the following salary base should obtain: Deans -- at least $6,000.; Full Professors and Heads of Departments -- $4,200.; Associate Professors -- $3,000.; Assistant Professors -- $2,400.; and Instructors -- $1,800.

Financing The College

Mr. Littlejohn has prepared an interesting report on the financial matters involved in the running of the college. I am reporting this to you for your information and consideration.

"In making up our budget for the General Assembly the figures necessary to present a complete picture are more or less confusing to the average individual. The Collegiate Activities Budget includes not only the cost of teaching the students and maintaining the plant, but also the student living expenses and activities as well as the work
of inspecting and analyzing fertilizers. Contrary to the thinking of some persons, the students pay the entire cost of their living expenses, the maintenance of the buildings in which they live, and the bond payments on five new barracks. The students pay also approximately 40% of the total cost of the teaching activities.

The following summary gives at a glance the cost of, (a) teaching activities, (b) the student expenses, and (c) the inspection and analysis of fertilizers:

**SUMMARY OF COLLEGIATE ACTIVITIES 1940-41**

**Teaching Activities:**

1. Salaries and wages ................................................................. $419,976.27
2. Repairs and upkeep, telephone, printing, travel .................. 45,430.80
3. Supplies, fuel, electricity ................................................. 62,448.44
4. Insurance, retirement, etc .................................................. 31,374.29
5. Rework Old Textile Bldg. and equipment ............................. 52,858.94
6. Agricultural Bldg. Bonds ...................................................... 12,080.00

Total Teaching Activities ....................................................... $633,669.44

**Student Expenses:**

7. Board ......................................................................................... $291,342.04
8. Room (including payment on new barracks) .......................... 82,317.04
9. Laundry ....................................................................................... 40,898.02
10. Hospital ................................................................................. 27,766.92
11. Student Activities ................................................................. 55,693.68
12. Uniforms .................................................................................... 66,616.56

Total Student Expenses ................................................................ $562,514.63

Total Teaching Activities and Student Expenses ......................... $1,196,184.07

13. Fertilizer Inspection and Analysis ......................................... 32,844.68

GRAND TOTAL ............................................................................. $1,229,028.65

The request to the 1942 Legislature should provide for salary adjustments and for increased costs in operating expenses, because it will not be possible to continue on our present high standard another year without considerable increase in income. Then too, unless our budget is increased to meet present high prices, the college may be greatly
embarrassed when reductions are made upon the arrival of the next era of "hard times".

A few years ago the General Assembly shifted more of the cost of instruction to the students by abolishing free tuition and increasing tuition from $40.00 to $60.00. To aid in paying the cost of instruction the college has found it necessary to increase the laboratory fee from $2.25 to $28.50.

Over a period of 25 years it is interesting to note changes in principal sources of income for the collegiate activities.

**PRINCIPAL SOURCES OF INCOME**

<table>
<thead>
<tr>
<th>Year</th>
<th>Enrollment</th>
<th>Fertilizer Tax</th>
<th>S. C. Appropriation</th>
<th>Tuition and Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>1915-16</td>
<td>802</td>
<td>$207,251.00</td>
<td></td>
<td>$4,670.00</td>
</tr>
<tr>
<td>1920-21</td>
<td>847</td>
<td>214,756.00</td>
<td></td>
<td>13,466.00</td>
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<tr>
<td>1940-41</td>
<td>2381</td>
<td>316,000.00</td>
<td></td>
<td>251,719.78</td>
</tr>
</tbody>
</table>

The student enrollment is three times as large whereas the student fees and tuition are sixty times as large as that of twenty-five years ago. The state funds have increased by a little more than fifty per cent.

The variations in what the student paid are as follows:

**WHAT THE STUDENT PAID**

<table>
<thead>
<tr>
<th>Item</th>
<th>1916-17</th>
<th>1920-21</th>
<th>1940-41</th>
</tr>
</thead>
<tbody>
<tr>
<td>Board</td>
<td>$81.00</td>
<td>$180.00</td>
<td>$135.00</td>
</tr>
<tr>
<td>Laundry</td>
<td>9.00</td>
<td>14.88</td>
<td>16.75</td>
</tr>
<tr>
<td>Hospital</td>
<td>6.00</td>
<td>12.15</td>
<td>12.00</td>
</tr>
<tr>
<td>Activities</td>
<td>.00</td>
<td>3.00(1)</td>
<td>3.00(1)</td>
</tr>
<tr>
<td>Room Fee</td>
<td>3.00(1)</td>
<td>20.25</td>
<td>15.50</td>
</tr>
<tr>
<td>Heat, Light &amp; Water</td>
<td>9.00</td>
<td>9.00</td>
<td>8.00</td>
</tr>
<tr>
<td>Janitors, equip, etc.</td>
<td>5.00</td>
<td>22.05</td>
<td>222.05</td>
</tr>
<tr>
<td>Tuition</td>
<td>40.00(2)</td>
<td>40.00(2)</td>
<td>60.00</td>
</tr>
<tr>
<td>Class &amp; Lab. fee</td>
<td>0.00</td>
<td>2.00</td>
<td>28.50</td>
</tr>
<tr>
<td>Matriculation fee</td>
<td>0.00</td>
<td>3.00</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Totals**

$153.00 $296.50 $313.55

(1) This was known as breakage fee and was refundable in part.
(2) Tuition was free to those unable to pay.
Every room in barracks is full and according to the figures in the Registrar's Office there are approximately 260 living in the community as day cadets.

The mess hall is now crowded to the limit with 278 tables which will accommodate 2,224 students. There are approximately 2,190 students taking their meals in the mess hall. This leaves four tables available for guests and visitors.

Any future growth in the college will necessitate not only additional quarters for students but also increased facilities for feeding the students. Much discussion could be had as to plans and possibilities but to extend the mess hall and kitchen and provide additional barracks space would entail the expenditure of a considerable sum of money. It seems to me that in preparing any plans for the future we not only have the problem of providing more classroom space and teachers but also additional housing and feeding facilities.

The Clemson mess hall has for many years been an interesting subject for discussion. It is possible that the price paid by the students has not been sufficient to provide satisfactory board. As long as there is mass feeding such as we have here it will be impossible to please all regardless of cost.

Beginning with the opening of college in September, Mr. Harcombe has made every effort to provide satisfactory fare in the mess hall and from all sides we have heard good reports. Based on his present daily records, the cost of the food and service will average approximately 70¢ per day which is $21.00 per month. Since the price paid by the student must not only cover food and service but also supplies and maintenance it looks now that if Captain Harcombe continues on the present basis it will be necessary
to charge $21.50 to $22.00 for board in the mess hall beginning with the second quarter on November 11, 1941. To go beyond that time would incur a considerable deficit. At the present time he is able to meet the expenses because through judicious buying early in the spring and summer his stock of goods at the opening of college was valued at approximately $15,000.00 more than the price paid.

In 1920 the cost of board was $20.00 per month, yet one of the famous walkouts was staged and blamed on the mess hall. Since Clemson opened its doors every effort has been made to keep down the cost to the point where the average young man could come here.

It is interesting to note how the money is spent in the course of 12 months in the operation of the mess hall. Approximately 90% goes for food supplies and service as is indicated by the following figures:

**COST OF OPERATING MESS HALL 1940-41**

<table>
<thead>
<tr>
<th>Item</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food supplies</td>
<td>$212,448.07</td>
</tr>
<tr>
<td>Cooks, waiters, and supervision</td>
<td>42,441.27</td>
</tr>
<tr>
<td>Supplies and materials other than food</td>
<td>17,520.99</td>
</tr>
<tr>
<td>Repairs, maintenance, and equipment</td>
<td>8,185.53</td>
</tr>
<tr>
<td>Insurance</td>
<td>1,131.83</td>
</tr>
<tr>
<td>Refunds to students discharged</td>
<td>3,614.95</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>$291,542.04</strong></td>
</tr>
</tbody>
</table>

Since the activity is financed entirely from student funds, it is necessary that a sufficient fund be kept in reserve for repairs, maintenance, equipment, and for supplies and materials other than food. The kitchen and mess hall should be well-equipped and kept scrupulously clean. It has taken more than 20 years to equip this plant as it is today. There is no better equipped plant in the South, but some of the equipment is too small for the present student body. To illustrate, one morning recently I observed the preparation of 750 pounds of breakfast bacon and it was necessary to
place the pans all along the tops of the ranges as well as in the baking compartments and there was still need for some cooking space. Some days ago I observed the cooking of 2800 pieces of steak for dinner. Again the pans were in the baking compartments and there still was need for some cooking space. Along the tops of the ranges and in the baking compartments the pans were piled two and three deep. In other words, the range capacity is not sufficient to enable Captain Harcombe to prepare certain items and take them immediately off the ranges and place them on the tables freshly cooked. In speaking of ranges, those now in use have seen considerable service. Last summer the college force was able to make extensive repairs by welding in new bottoms to the baking compartments. It would appear that the time is not far distant when new ranges may have to be purchased.

The present cold storage capacity is too small, as it was built for a student body of approximately 1000 students. In addition it has reached the point where either major repairs or complete rebuilding will soon be necessary.

Since the beginning Clemson has operated a large mess hall, but should the enrollment grow during the next 15 years as it has during the past 15 years we would need another mess hall nearly the size of the present one. If in the future this growth should come about and funds are not available to build the new plant, then as a last resort the question of cafeteria feeding would have to be considered."
Clemson's request for the fiscal year 1942-43, approved by the Executive Committee of the Board of Trustees, and presented to the Budget Commission is as follows:

Collegiate Activities............... $280,880.73  $ 75,880.73
Agricultural Res.,& Exp. Stations. 187,000.00  47,082.00
Live Stock Sanitary Work..............  60,300.00  12,250.00
Agricultural Extension...............  198,000.00  30,000.00

Explanation of Proposed Increases

Collegiate Activities: An increase of $75,880.73 is asked of the 1942 General Assembly for the next fiscal year. This increase includes salary adjustments of $34,602.00 for 142 teachers and officers and provides $7,044.00 for four new instructors in engineering and general science. The college is losing some of its best men because of low standards of pay and unless a reasonable increase is obtained for next year others will be looking for places elsewhere. In salaries of professors Clemson is one of the lowest of the land-grant colleges. To provide for the sudden increase in students around 1937 it was necessary to obtain young men at low salaries. Through small salary adjustments and encouragement for the future we have been able to hold men who were increasing in age but whose pay has not been sufficient to provide good living conditions. The college cannot continue to hold those employees classified as wage earners without wage adjustments.

In addition, the rising cost of coal, supplies, and insurance will necessitate adding to our budget. It is estimated that $18,150.00 will be required for these items.

To install equipment obtained for the new textile building, without cost to the state, a minimum of $20,000.00 is necessary. The library reading room is crowded and
additional facilities are essential to meet the needs of the students using the library during the evening hours. For reworking and equipping the basement of the library building $10,164.00 will be required. It will be necessary to provide some educational equipment and we are including $5,635 which is a considerable reduction over that of the past several years. Clemson has been declared eligible for a W.P.A. defense armory project toward which the federal government will contribute $100,000.00 and in order to provide matching funds an item of $50,000.00 is included.

In setting up the budget we cannot overlook the possibility of a decrease in income from tuition due to calls for military service and possible decreases in the fertilizer tax. This figure is estimated to be $4,199.73. There should also be some salary adjustment for the chemists and other employees of the Department of Fertilizer Inspection and Analysis and the amount proposed is $775.00.

Public Service Activities

Agricultural Research: The increases asked for consist of reasonable salary and wage adjustments; amounts sufficient to match rising costs of printing, supplies, and insurance; and equipment and residences at the college experiment stations.

Edisto Experiment Station: This station needs a slight increase for personal service, supplies, and non-structural improvements in order to complete an excellent research plant.

Truck Experiment Station: The station, located near Charleston, needs one residence. Now the workers must live in Charleston away from the station. Farmers usually come to the station late in the afternoon and this new dwelling would enable the Superintendent to be of service to visiting farmers. The station needs also slight increases to cover the exchange of an old truck and to match increasing
Pee Dee Experiment Station: At the Florence Station the federal government is fostering splendid tobacco experimental work. It should be one of the best in the world in a few years. Since the present workers are employed by the United States Department of Agriculture and are not privileged to work extensively with the growers throughout the tobacco area it is essential that one specialist be employed for this work. This station needs additional equipment, a small residence, and slight increases for supplies and labor.

Crop Pests and Diseases: Funds allocated for this work are far too small to provide the service demanded. A glance at the annual report to the Legislature will show the inadequacy of the personnel. The Bookkeepers' Association is demanding an inspector and this may take most of the time of one worker. One worker with sufficient expense money represents a minimum need.

Land Use Project: The acquiring of the large area of non-productive land in the vicinity of the college through a ninety-nine year lease from the federal government seems to offer many advantages and the college is spending wisely and successfully the fund appropriated for this work. While greater advances could be made with larger capital the present allotment enables the promotion of good studies. Already one farm has been reclaimed and work is progressing on another. The natural and planted forest areas have escaped fires and are growing well.

Horticultural Products Laboratory: The splendid results obtained since this project was begun a year ago tend to indicate one of the Legislature's most progressive steps. In this state farmers have been contented to produce and sell the raw products of the farm often at low prices when markets were flooded. Our farmers were living at a disadvantage to farmers in other states where processing enabled them to hold perishable commodities for
better prices. The excellent quality of canned peaches and preserves, which you will later be privileged to sample, from the new processing and experimental laboratory should be met with wide acclaim by farmers and city folk alike. Great good to the state is certain to come from these experiments.

Agricultural Extension Service: The $30,000.00 increase asked for this service is very largely to employ assistant white and negro county agents and home demonstration agents. The demands on this service are increasing and the strain on the county agents is bound to affect their efficiency unless relief is forthcoming. There is need for $6,000.00, to which the workers in this division will contribute an equal amount from their salaries, to provide for participation in a retirement plan. This is a worthy matter. There is also a slight increase for clerical assistance.

Live Stock Sanitary Service: An additional $12,250.00 is sought to employ two Veterinarians; to compensate Deputy State Veterinarians who are called upon to assist with the work; to cover an increase in travel expenses, supplies, and insurance; to cover indemnity payments; and to provide new equipment.

Permanent Needs

It is apparent that Clemson has been most conservative in seeking its needs through the Legislature. The college has enjoyed tremendous growth in prestige since its founding and has done well with the money received for carrying on its functions. The plant is conservatively valued at nearly six millions. This indicates approximately $125,000.00 annual permanent establishment in property during each of the 49 years despite several severe setbacks by fire and losses. The bonded indebtedness of approximately one-half million dollars is being amortized without hardship. The agricultural building is being paid for by funds from the fertilizer tax, the barracks from room rental fees,
and the athletic stadium by athletic fees and funds.

Clemson College is no longer an experiment. The college is rendering great service to the State of South Carolina and adds to the greatness and prestige of the state. In one newspaper it was stated that the summer program at Clemson gave the city in which the paper was published more advertisement than one hundred thousand dollars could have given. In this age of machine and technology Clemson may render far greater service to this state and therefore hopes for a plant and facilities worthy of its best effort. I am indicating below some of the needs at Clemson which it is hoped the institution may receive in the future.

The needs set forth here are a result of a study by the Buildings and Grounds Committee in collaboration with the Office of the Business Manager and the faculty. This Committee set forth also the future needs of many other buildings and equipment besides that given in this report.

All six of the schools are asking for supplies and equipment far beyond what we are asking you to make available. Some of the requests are for new materials but many of the requests are for replenishing wornout equipment and for the replacement of used supplies.

**Food and Resources or Agricultural and Engineering Chemistry**

<table>
<thead>
<tr>
<th>Building</th>
<th>Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$350,000.00</td>
</tr>
</tbody>
</table>

All of the 2300 students at Clemson take one or more courses in chemistry and most of the education at Clemson centers around a good knowledge of chemistry. The development of resources and understanding of food production rely upon chemistry and its application. Facilities in chemistry are inadequate to meet the needs of the School of Chemistry. Sufficient hours for adequate education in chemistry cannot be offered because of insufficient class and laboratory room.
The research work in chemical engineering, food chemistry, and fertilizer could be improved. The uses of chemistry to the National Defense Program are important and they will also take a major part in reconstruction when the nations are at peace again.

Agricultural Engineering Instruction and Service

Building........................................$100,000.00

The change from animal to machine farming and the recent establishment of rural electrification throughout the state have made many demands on the agricultural engineer and have opened opportunities for him to help the farmer. He is making many economical machines applicable to the farm and is teaching young men many useful applications of machinery. The vocational and practical short courses for students, both old men and young men, for National Defense usage could be had if greater facilities were made available in a practical shop building. Much machinery could be obtained without cost for agricultural engineering instruction if suitable housing were available.

Inn for the Accommodation of Parents and Visitors

Building and equipment..................$200,000.00

Hundreds of parents and friends of cadets come to Clemson only to find inadequate conveniences where they may enjoy a visit with the cadets. Many other people come to the campus on business and for visits and would appreciate accommodations for lodging and eating. Often during the winter months the parents of cadets have to sit in their cars in uncomfortable conditions while visiting their sons. The magnificent reputation of Clemson brings many friends to the college and they are worthy of good accommodations while on the campus. A suitable building would be of much value to the college.
Rooms for the Accommodation of Student Enrollment

Barracks...........................................$300,000.00

There are 380 rooms with three cadets to the room and 260 students live in homes on the campus. Many of the students want barracks accommodations. There are many good reasons for having the cadets in barracks accommodations. The most important being good conditions for studying. The Administration is not interested in securing rooms for additional students but at least 300 rooms should be built to accommodate students enrolled so that there would be only two cadets to a room thus providing suitable opportunity for study. It does not now seem possible that the enrollment will again go below 2300.

Beef Cattle Barns and Fences

Barns and Fences.............................$70,000.00

In recent years it has been shown that with the climate of South Carolina good and abundant forage and pasturage may be made available for animal production. Considerable interest has been shown and progress made in improving and developing types of beef cattle. Since the college has more than twenty-eighth thousand acres of land available where suitable cattle raising offers promise it is worthy of the college stimulating that part of agriculture. Since the necessary meats will be advantageous to South Carolina not only for the education of cadets but for good demonstration and production practices, it seems desirable that we should begin in earnest measures for producing first-class meat for home consumption at a reasonable and economical price. The cost of good beef in South Carolina is exorbitant and can be reduced not only in price but improved in quality. The freezer-locker system which may soon develop throughout the state can stimulate beef cattle raising. It is apparent also that a stimulation of
beef cattle production will be advantageous to the sale of forage and hay crops which were lost when machinery replaced work animals on the farm.

**Agricultural Extension Service**

Building..................................$200,000.00

The agricultural instruction requires the present agricultural building and the college does not have space to accommodate the service agencies which should be at Clemson where all services could be better coordinated. The extension service could function better if the leaders were located at Clemson and the State Veterinarian and his staff likewise coordinated with the functions at the college. Consolidation of all agricultural agencies will eventually become necessary to formulate economical and practical procedure.

**Building Equipment Maintenance**

Through the practice of strict economy the buildings and equipment of the college have been kept in fair condition. The military regulations have done much to preserve the college property. However, a reasonable annual fund to replace and offset loss through deterioration and wear and tear could be made to advantage and in time prove an economical saving to the state.

**Hospital**

Building..................$150,000.00

The present infirmary is a wooden structure and a fire hazard. It is inadequate to care for the needs of students -- especially during epidemics. Once each year when influenza and severe colds are prevalent among the students the sick are handled with great difficulty and often unsatisfactorily. At least 150 beds should be
provided for a student body of 2300. A serious epidemic would be difficult to handle with our present facilities.

Architectural Engineering

Building............... $125,000.00

All students are required to take drawing and engineering students must take several courses. A building with proper lights is desirable for this work. It would relieve much needed space in the general engineering building to other activities which are also in need of space.

Heating Unit

Building............... $150,000.00

The addition of other college buildings will necessitate additional heating units. The construction of a larger stack and the relocating of the present plant would seem to be the most economical procedure in the long run.

MISCELLANEOUS ITEMS

Loans for Worthy Students Unable to Attend State Institutions

Mr. C. T. Smith of the Carolina Orphan Home in Columbia wishes our Board of Trustees to endorse a proposed Bill asking the State Legislature to provide a loan fund for use by poor and deserving young men and women who wish to attend college. I am listing below the proposed bill:

"A Bill

TO PROVIDE LOANS FOR WORTHY STUDENTS OTHERWISE UNABLE TO ATTEND STATE COLLEGE

BE IT ENACTED by the General Assembly of the State of South Carolina:

SECTION 1: One Hundred and twenty-four (124) student loans at the Citadel, Clemson, Winthrop and The University of South Carolina, and forty-six (46) at the South Carolina State College, shall hereafter be available to worthy students unable otherwise to attend such institutions; each county to be entitled at The Citadel, Clemson, Winthrop and The University of South Carolina to the number of loans equal
to members from such county in the House of Representatives, and at the South Carolina State College at one loan from each county, such difference, including the amount of the loans herein provided, being so graduated because of facts and circumstances made known and justified under the Constitution. Each student loan shall represent a sum not exceeding Two Hundred and fifty ($250.00) Dollars a year for four (4) years, or less.

SECTION 2: Each college president shall appoint from among his faculty a committee (whose decision shall be final) charged with investigating the financial status of each applicant, his character, and general fitness, and deciding these entitled to loans. A questionnaire, shall be signed and sworn to by each applicant, on a form approved and prepared by, or under the direction of the president of each institution. Such committee shall annually prepare a competitive examination to be given applicants for loans at the respective county seats of the county, which examination papers shall be graded by such committee, except that each institution named may appoint a separate committee to pass on and grade such examination papers, and pass on the qualifications of those applying for loans.

No applicant shall be permitted to stand the examination if he, or his or her family, is financially able to pay the costs of a college education. The fitness of the applicant shall be judged by his recommendations, record in high school, examination papers and such other investigation as the committee shall make, including his need for financial assistance. If applicants make practically the same final average as allowed and given by the committee, then the applicant of greatest financial need shall be awarded the loan.

Those receiving such loans shall be known as "Beneficiary Students" and will be obligated to repay the amount of the loan in ten equal yearly installments by monthly payments beginning one year after graduation, or after leaving the institution, with the right to make suchever larger payments as desired. Interest is charged only on past due installments at a rate of five per cent per annum, and in case of suit ten per cent for attorneys' fee, notes evidencing such loans to be on a form to be prepared by the Attorney General.

SECTION 3: Any Beneficiary Student failing to make the requisite marks or to comply with the requisite rules of the college necessary to pass from one grade to another shall forfeit his right to receive further funds and in the discretion of the faculty of each institution, any beneficiary student may for cause be dropped from the rolls of the college. In case of deficiency in grade or in compliance with the regulations of the institution due to ill health, a beneficiary student may be accorded an additional year in which to complete his college course, but in no event shall the total amount to be loaned any student exceed One Thousand ($1,000.00) Dollars.

SECTION 4: For the purpose of this Act, the State Treasurer is authorized and directed, to pay monthly to the treasurer, or such other officers of each institution, respectively, an amount sufficient within the amounts stated to defray said institution for the expenses thereof of all beneficiary students. And each college shall certify to the State Treasurer each year the names and addresses of each beneficiary student. Every beneficiary student shall, before entering the college of his choice, execute his note annually to it for the sum to be loaned, and all such notes shall be turned over to the State Treasurer as the
custodian thereof charged with their collection. Nothing herein shall prevent loans for smaller amounts, or to students already in college who comply with the terms of the provisions of this Act. The State Treasurer shall annually render to the legislature a full report concerning said scholarship.

SECTION 8: Student loans to be awarded to the South Carolina State College shall be for loans in the aggregate of not exceeding Six Hundred ($600.00) Dollars.

SECTION 6: Should it appear to the Governor that a defect will be created in the general tax funds of the state because of this Act, the Sinking Fund Commission shall lend to each of the institutions the amount necessary for the purpose of carrying out this Act, such loans to be secured by the notes of the beneficiary students, and repaid to the Sinking Fund Commission when said students shall make payment, or when the State shall be able to make payment of said loans.

SECTION 7: All Acts, or parts of Acts, inconsistent with the provisions of this Act, are hereby repealed.

SECTION 8: This Act to become effective upon approval by the Governor."

Palmetto State Beekeepers Association

Members of the Palmetto State Beekeepers Association have requested that adequate inspection service be provided for the beekeeping industry in South Carolina.

"WHEREAS, the problem of dealing with diseases and pests which afflict the beekeeping industry in South Carolina is one of long standing and growing importance, and

WHEREAS, this matter has been discussed annually at the meetings of this Association and at meetings of the various component county units of this Association over a period of several years, and requests have been made to authorities that some steps be taken to alleviate this growing menace to an industry of great potential value to the State, and

WHEREAS, the undersigned committee has been authorized and requested by the membership of the Palmetto State Beekeepers Association, assembled in annual convention at Clemson College, this 37th day of August, 1941, to take all needful steps to get some constructive action with reference to this problem.

NOW THEREFORE BE IT RESOLVED THAT we are herewith presenting this statement of the situation to Clemson Agricultural College through the President and other officials and do respectfully request that Clemson College authorities vigorously prosecute this matter with the appropriate agencies of the State government with a view to having adequate inspection service provided for the protection and further development of the various branches of the beekeeping industry in South Carolina.

We do further RESOLVE that it is our desire to have this activity associated with similar activities now under the general supervision of Clemson Agricultural College.

IN WITNESS WHEREOF we do affix our signatures to this resolution as authorized by the Palmetto State Beekeepers Association.

W. H. Armstrong, President
W.K. Moore, Secretary
A. H. Ezell, Member, Board of Directors"
Military Service

There are 18 young men from our staff serving in national defense efforts and their length of service may extend for a year or longer. The college has asked for deferment for several of the men teaching advanced courses for juniors and seniors in engineering. Three men have been deferred, being considered as key men. These men have been placed in a pool directly under the Secretary of War.

Sick Leave for Mr. Roderick

Mr. D. B. Roderick, Assistant Chemist for the Experiment Station, has been ill and unable to attend to his duties since May. The trouble seems to be mental and I understand that he is now in Columbia for treatment at the State Hospital. The doctors are of the opinion that some time may elapse before he can return for work. Mr. Roderick received his full salary for May, June, and July, and has received half-salary since that time. A substitute, paid half of Mr. Roderick's salary, has been employed temporarily.

Seizure of Superphosphate

The report of Mr. B. D. Cleaninger contains a brief account of the activities of his department in carrying out the laws of the state in regard to the taxing of fertilizer material. Reference is made to the superphosphate coming into South Carolina as a grant-of-aid through the Agricultural Adjustment Administration. I quote for your information.

"Following ruling passed by Fertilizer Board of Control June 20, 1941. "That all superphosphate or fertilizer materials sold farmers in South Carolina, whether through a government agency or not, must meet the full
requirements of the South Carolina Fertilizer Law."

Copy of ruling sent all fertilizer manufacturers selling in South Carolina on June 23, 1941; also a copy by registered mail to Mr. R. W. Hamilton, Administrative Officer, Columbia, South Carolina; and Merchants Fertilizer Company, Charleston, South Carolina, who had the contract and was apparently supplying all of the superphosphate through the Agricultural Adjustment Administration.

September 24, 1941, Southern Car #260,758 containing 680--100# bags of 20% superphosphate manufactured by Anderson Fertilizer Company, Anderson, and shipped to Frank D. Cooper, Greenwood, South Carolina was seized for lack of tax tags.

October 3, 1941, CB & Q Car #25325, containing 604--100# bags of 20% superphosphate manufactured by Anderson Fertilizer Company, Anderson, South Carolina, and shipped to Frank D. Cooper, Greenwood, South Carolina was seized for lack of tax tags.

October 4, 1941, AT & SFe Car #121590 containing 813--100# bags of 20% superphosphate manufactured by Merchants Fertilizer Company, Charleston, and shipped to J. I. Crowther, Seneca, South Carolina, was seized for lack of tax tags.

All of the above mentioned material is stored in good warehouses under the orders of the Sheriffs of Greenwood and Oconee Counties.

The Agricultural Adjustment Administration officials in Washington have threatened to divert shipments to other states not requiring the tax tags if our seizures continue. On advice from the Chairman of the Fertilizer Board of Control, Dr. R. P. Poole, and Dr. H. P. Cooper, I have advised we have no choice in the matter other than to carry out the ruling of the Fertilizer Board of Control."
Mr. Harold Major, College Attorney, after due deliberation has agreed to release the two quantities of superphosphate held in Greenwood on government bond. He has made arrangements to that effect. Mr. Major advises holding a car lot in Seneca because of shortage in analysis and in weight, amounting to at least one hundred dollars loss in value of materials to the farmers.

The superphosphate constitutes the bulk of the fertilizer materials from which the college derives revenue. If this material is to be distributed tax free, it along with the loss in tonnage by higher analysis goods being sold today will make a serious situation for Clemson.

Claude W. Kress Estate

The executors for the Claude W. Kress Estate indicate that Clemson College will receive approximately $100,000.00 as its share of the estate. To date the college has received $4,500.00 which represents its share in the income distribution. We have been requested to accept payment of the legacy in S. H. Kress and Company Common Stock.

Athletic Stadium

The 1941 General Assembly authorized the college to issue bonds in the amount of $150,000.00 for the purpose of constructing a new athletic stadium. In conformity with this act and the authority of the Board of Trustees, bonds in the amount of $110,000.00 were sold to C. H. Crawford and associates. The interest rate was 3%, but the premium of $632.50 made the net average interest rate 2.92%. A contract was made with C. Y. Thomas Company of Greenwood, South Carolina, for $104,315.00 for all grading and for the construction of 20,500 concrete seats.

Under terms of the contract, the seats are to be
completed by May 1942 in order that the playing field may be topsoiled, sodded, and prepared by the college forces for the football season a year hence. The press box, toilets, and fences are to be built by the college.

All engineering for the new stadium has been done by Mr. A. C. Lee of Charlotte, North Carolina, who is an old Clemson graduate, and Professor H. E. Glenn of our Civil Engineering staff. The construction work will be done under the supervision of Professor H. E. Glenn and Mr. D. J. Watson, both of the college staff.

The bonds run for a period of 20 years with the privilege of calling those outstanding at any time after 10 years. Under the agreement with the bondholders, that portion of the Student Activity Fee allotted to athletics, or so much as is necessary, is pledged for the payment of bonds. In addition, it was agreed that $8,500.00 of the Student Activity Fee would be set aside for the payment of principal and interest and for the building up of a cushion account. We understand that these bonds have been approved by the State Bank Examiner as being satisfactory for investment by state banks.

Water Plant

Work on the new water plant is now under way. The sum of $140,000.00 has been made available for this project, the Legislature appropriating $75,000.00 and the WPA setting up $65,000.00. The raw water is to be taken from the Seneca River, which has been pronounced an excellent source of supply. The intake is on a rocky ledge almost due west of the field house. The filter plant and the clear water storage are located across the road west of the Calhoun Mansion and in the rear of the old Stackhouse residence.

In locating the filter plant, it was kept in mind that at some future time public buildings may be constructed along the lower side of the road, which is west of
the Calhoun Mansion and the new Textile Building. Also, just a short distance below the new filter plant the new stadium is being constructed. There will be a new road between the filter plant and the stadium.

The plans for the filter plant were prepared under the direction of Mr. C. D. Blackwelder of J. E. Sirrine and Company. Professor H. E. Glenn, of our Civil Engineering staff, is the local engineer and with Mr. D. J. Watson will superintend the construction of the plant.

This water plant is one of the greatest present needs.

**Exchange of Professorships**

In collaboration with Duke University and North Carolina State College, Clemson has allowed Professor L. D. Huff of the Physics Department to teach physics at North Carolina State College in Raleigh for the first semester, perhaps for the entire session if agreeable to all concerned. Professor J. F. Mears of the Physics Department of North Carolina State College is teaching Professor Huff's courses at Clemson during this period. Professor Mears, a South Carolinian and a graduate of the University of South Carolina, is completing certain research for his doctorate at Duke University; he is conducting experiments with high voltage light rays in the Stumphouse Mountain Tunnel.

The exchange of professorships seems worthy of further study in that it offers our own staff opportunities to learn what other institutions are doing and for personal improvement as well.

**South Carolina Poultry Improvement Work**

The National Poultry Improvement plan inaugurated in South Carolina several years ago with the help of the Extension Service has met with considerable support
and endorsement on the part of poultrymen. They have organized a South Carolina Poultry Improvement Association, which Association is cooperating with the Extension Service in working out the details of the National Plan in South Carolina.

We employed Mr. J. W. Matthews several years ago for the specific purpose of carrying on certain operations with breeders and hatcherymen as well as to supplement the distribution of information. His work has been under the supervision of Mr. P. H. Gooding, Extension Poultryman, and he has in fact been an assistant to Mr. Gooding. Mr. Gooding has given some time to the details of the Poultry Improvement Plan. I might say that this Poultry Improvement work in some states is organized separately from the college activities, and it might conceivably be so organized in this state. There is, however, no apparent disposition on the part of poultrymen to separate the Poultry Improvement Plan of work from the regular college extension work. The two branches of poultry work fit together very well.

In view of the fact that some of the Poultry Improvement Plan work is so closely kin to service work the South Carolina Poultry Improvement Association has raised funds to help us carry the cost of Extension and Poultry Improvement Plan work.

The National Poultry Association

The National Poultry Association will hold its annual convention at Clemson next summer. This is a distinct honor to Clemson College and genuine recognition of the splendid work of Professor Morgan and members of his staff in the interest of poultry science.

Automobile Accidents to Students

It is with deep regret that I announce the death of two of our students as a result of automobile accidents. Cadet L. L. Harvard, member of the Junior Class, was
killed on October 11. Word has been received that Cadet
V. J. Phillips, a Freshman from Chester, Pennsylvania, was
killed during the recent holidays. Messages of sympathy
have been sent to the bereaved parents.

Curricula

The Curricula Committee has entered into a com-pre-
hensive study of courses, including contents, values,
and methods of improvement. The study is not complete as
yet but the committee has indicated some probably changes
which would be advantageous to the students and to the
college. I quote below from the report of the committee:

"The Curricula Committee wishes to submit the fol-
lowing preliminary report. We have many other items to
consider but thought you might like to have a preliminary
statement so that these matters might be included in your
report to the Board the last of October if you so desire.

The Curricula Committee has taken up and passed on
certain matters in regard to the curricula which we con-
sider to be fundamental and which vitally affect the
welfare of the college. We have not given any considera-
tion as to whether our recommendations can be put into
operation without additional cost. We think that we have
suggested nothing that is impossible and believe that we
should submit our findings without considering the finan-
cial side. We leave this to you and to the Board.

Recommendation #1: That all freshmen be required
to take five hours of mathematics, four hours of chemistry,
and three hours of English each semester. These are all
fundamental courses and several schools have already request-
ed that we increase the amount of mathematics and chemistry
now required of their students. The great advantage of
making these courses uniform throughout the freshman class
is that it will make it easier for a student at the end of
his first year to change from one course to another. So many of our students do not know what course they are best fitted for when they come to Clemson but they do know by the end of their first year, twenty-five per cent of our last year's freshmen have changed courses. We should not make it too hard for them to change from one school to another.

Recommendation #2: That at least eight hours of physics be required of all students. Physics and chemistry are both fundamental courses in an Engineering, Textile, and Agricultural College. This would give a better balanced course than those now in effect. In addition these first two recommendations would make it much easier to carry out the provisions of Recommendation #4.

Recommendation #3: That all freshmen be divided into three groups—one group consisting of the Engineering and Textile students and the Agricultural Engineering, Industrial Engineering, and Textile Engineering students; one of Agricultural, Agricultural Education, and Education students; and the third of General Science, Chemistry, and Architectural students. The passing of this recommendation should insure carrying out the purpose of the next recommendation and also would help in scheduling freshmen. At first these groups would not be assigned to any school.

Recommendation #4: That all freshmen be required to stand substantiation examinations in English and mathematics. The students who prove deficient be required to schedule extra non-credit semester hours — 2 hours in English and 3 hours in mathematics.

Recommendation #5: That all students whose substantiation examinations show a sufficient proficiency in the subject be allowed to take examinations for full credit in the course concerned.
Recommendation # 6: That the Agricultural Education groups be registered as Agricultural students and such students be required to take an 18 hour major in Education and that students registered in Industrial Education take the Engineering course with an 18 hour major in Education, and that the Textile Industrial Education students be required to take the Textile course with an 18 hour major in Education. We think everyone will concede that an Agricultural Education course is basically Agricultural, that an Engineering Education course is basically Engineering, and a Textile Education course is basically Textile.

The reason for this drastic change is that we are one of the few colleges that allows the School of Education to dictate the content of the Agricultural courses given in the School of Agriculture. We fear that boys graduating from Clemson at the present time are woefully deficient in the fundamental sciences and in the subject matter courses in Agriculture. A man who goes out to teach Agriculture should at least be as well equipped in his subject as the man who goes out to farm or the one going into the field of science. The State Department of Education is not satisfied with the program as it is now set up. In the early days of Agricultural Education the best men in the School of Agriculture were picked for Agricultural teachers but today some of our poorest students major in this important part of our work.

To show what other institutions feel about the importance of the Agricultural course I might cite the University of California that requires four years of straight Agriculture and a fifth year of Agricultural Education. The change from a major in the School of Agriculture to the School of Education was made eight years ago and we are strongly of the opinion that the experiment has not been a successful one.

If you do not think it feasible to put such a change
into effect with next year's freshmen class the committee recommends that beginning with next year all Agricultural Education students be registered in the School of Agriculture for the first two years and a joint curriculum be established for the last two years. This curriculum would contain 18 credit hours of Education."

**Hanover**

Through the generosity of Mr. R. M. Cooper and the Santee-Cooper Commissioners, the college has come into possession of Hanover House built in 1716. The building is of considerable historical and architectural value and has been dismantled and moved to Clemson from the Santee-Cooper basin. It is anticipated that W.Y.A. assistance may be secured to rebuild the house near the present sheep barn on a new street. The Buildings and Grounds Committee proposes that the new street be named Colonial Circle and that other buildings of architectural value be added to this Circle from time to time.

**Clemson College Biological Laboratory**

Through the interest of Mr. R. M. Cooper and the Santee-Cooper Authority, a suitable site in the Santee-Cooper project has been set aside for a College Biological Laboratory. It is hoped that this area may be useful to the college in the years to come.

**Textile School Equipment**

Through the splendid efforts of Mr. J. E. Sirmine of the firm of J. E. Sirmine and Company, Greenville, Mr. R. H. Chapman, Vice-President of Irman Mills, Spartanburg, Mr. J. B. Harris, Vice-President of Matthews Mill, Greenwood, and Dr. W. P. Jacobs, President of Presbyterian College and Executive Vice-President of the Cotton Manufacturers Association of South Carolina, the college is to receive a gift of approximately $50,000.00 from the
textile industry of the state. This is to be used to add new equipment and machinery in the Textile School.

The significance and the importance of this gift are appreciated and it is hoped that it will give in return immeasurable usefulness to the progress of the textile industry in this state.

It would be fitting for the State Legislature to appropriate an equal sum to match this valuable gift.

Respectfully submitted,

R. F. Poole, President
1. I am listing below the names of the young men who have completed the requirements for the Bachelor's degree during this past summer. The degrees were awarded as of September 9 and I ask your approval of the same.

School of Agriculture

Agricultural Economics Major
George Henry Bonnette
George Wilson Floyd
Charles Franklin Tisdale

Horticulture Major
Elmer Eric Martin

School of Engineering

Mechanical Engineering
Julian Howard Allen
Edward Van Golding, Jr.
James Joseph McLaughlin
Ralph Andrew Smoak
Richard Rooke Wily

Architecture
Oscar Shider Dukes
Julian Walker Epps

School of General Science

General Science
Clinton Ralph Blackmon
Edward Carroll Burgess, Jr.
Samuel Elijah Davis, Jr.
Edwin Herbert Mims
George Edward Palmer
Jerome Haynes Stafford
William Duncan Workman

Pre-Medicine
Fernando Alfonso Molina

School of Textiles

Textile Engineering
Edward Reid Bird, Jr.
William White Gregory, Jr.
John Granberry Kelly, Jr.
Stanley Lancaster
John Miller Neil
James Harold Paasley
Harold Betts Wilson

Textile Chemistry
Wallace Milton Ackerman
Mitchell Forrest Simmons

Weaving and Designing
Morton Frank
School of Vocational Education

Vocational Agricultural Education
Eugene Roland Brown, Jr.
Loyell Bryant
Jennings Lee Graves
Henry Neyron Merritt
Robert Anderson Smith

Industrial Education
Joseph Roberts Austell
James Houston Couch
Fay Wm. Dellinger, Jr.
Guy Robertson McFall
Ellie Franklin Wilson, Jr.

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

School of Engineering
A. B. Credle, Assistant Professor of Electrical Engineering;
Salary $2,500.00; Effective September 1, 1941.

C. N. Gaylord, Instructor in Civil Engineering;
Salary $1,600.00; Effective August 31, 1941.

School of General Science
J. H. Doyle, Instructor in English; Salary $1,500.00;
Effective September 1, 1941.

Military Department
Lt. Colonel C. D. Hufford, Assistant Commandant;
Salary $120.00; Effective September 30, 1941.

Sergeant F. M. Lasnick, Clerk — Commandant's Office;
Salary $600.00; Effective August 1, 1941.

Lt. Colonel Russell F. Walthour, Associate Commandant and Adjutant;
Salary $660.00; Effective August 31, 1941.

Library
Gertrude Capel, Assistant Librarian; Salary $1,260.00;
Effective August 31, 1941.

Extension Service
George E. Prince, Chief, Division of Markets;
Salary $4,000.00; Effective July 21, 1941.

Charles R. Ross, Assistant Extension Forestry Specialist;
Salary $2,700.00; Effective October 31, 1941.

3. I have granted the following LEAVES OF ABSENCE without pay and ask your approval of my action —

F. D. Alexander, Associate Professor of Sociology and Psychology; from September 1, 1941 to September 1, 1942; for the purpose of doing research work with N.R.P.B.
Leaves of Absence (Continued)

R. H. Crouch, Assistant to the District Agent; from August 20, 1941 to August 20, 1942; military leave.

G. H. Dunlap, Acting Assistant Professor of Carding and Spinning; from September 1, 1941 to September 1, 1942; for the purpose of conducting research for the Southern Textile Association.

J. E. Gates, Professor of Economics and Government; from September 1, 1941 to September 1, 1942; for work with the Office of Price Administration and Civilian Supply. (Dr. Gates was granted a leave of absence from September 1, 1940 to September 1, 1941 to pursue research work at the University of Indiana and applied for another leave during the late summer.)

W. L. Hacks, Instructor in Textiles; from September 1, 1941 to September 1, 1942; military leave.

H. P. Lynn, Assistant in Visual Instruction; from June 25, 1941 to June 23, 1942; military leave.

J. W. Matthews, Assistant Extension Poultryman; from October 21, 1941 to October 21, 1942; military leave.

M. R. Page, Assistant Chemist Fertilizer Analysis Department; from November 1, 1941 to November 1, 1942; military leave.

L. E. Scott, Assistant Horticulturist; from September 15, 1941 to February 1, 1942; for the purpose of pursuing graduate work at the University of Maryland.

R. G. Walker, Instructor in History and Government; from September 1, 1941 to September 1, 1942; for service with the National Defense Program.

4. I have made the following TRANSFERS and ask your approval of the same --

E. J. Freeman from Associate Professor of Machine Shop to Professor of Industrial Engineering; Effective September 1, 1941; Salary $2,800.00 ($280.00 of salary paid as summer school stipend.)

Major E. H. Emanuel from Assistant Commandant to Associate Commandant and Adjutant; Salary $660.00; Effective September 1, 1941.

T. A. Cole from Marketing Specialist to Acting Chief, Division of Markets; Salary $3,700.00; Effective July 20, 1941.

J. E. Youngblood, from County Agent Beaufort County to Assistant Marketing Specialist; Salary $3,000.00; Effective September 16, 1941.
5. Under authority given me in the By-Laws I have made the following APPOINTMENTS and ask your approval of my action --

School of Agriculture

J. T. Kroulik, Instructor in Botany; Salary $1,600.00; Effective October 6, 1941.

School of Chemistry and Geology

Harvey Hobson, Instructor in Chemistry; Salary $1,500.00; Effective September 1, 1941.

The following Graduate Assistants in Chemistry were appointed on September 1, 1941 for a period of time expiring on June 30, 1942. Graduate Assistants are paid $600.00 each -- in ten equal payments:

E. R. Bokesch
W. L. Epting
C. E. Park

The following Student Assistants in Chemistry were appointed on September 1, 1941 for a period of time expiring on May 30, 1942. Student Assistants are paid $450.00 each -- in nine equal payments:

D. A. Bissett, Jr.
A. J. Boggs
J. C. Ferguson
D. G. O'Dell

School of Engineering

C. W. Carter, Instructor in Drawing; Salary $1,800.00; Effective September 23, 1941.

J. H. Couch, Instructor in Metal Shops; Salary $1,200.00; Effective September 1, 1941

A. D. Lewis, Instructor in Mechanical Engineering; Salary $2,000.00; Effective September 15, 1941.

H. R. Martin, Instructor in Mechanical Engineering; Salary $2,000.00; Effective September 1, 1941.

I. A. Trively, Instructor in Civil Engineering; Salary $1,800.00; Effective September 1, 1941.

H. H. Wiss, Instructor in Architecture; Salary $1,800.00; Effective September 1, 1941.

School of General Science

E. J. Brown, Instructor in Mathematics; Salary $1,500.00; Effective September 1, 1941.

E. M. Lander, Jr., Acting Instructor in History and Government; Salary $1,500.00; Effective September 1, 1941. (Substituting for R. C. Walker on leave of absence.)
School of General Science (Continued)

A. V. Pershing, Instructor in Physics; Salary $1,800.00; Effective September 1, 1941

E. G. Ross, Jr., Instructor in English; Salary $1,500.00; Effective September 1, 1941.

H. F. Stepp, Acting Associate Professor of Economics and Government; Salary $2,400.00; Effective September 1, 1941. (Substituting for J. E. Gates on leave of absence.)

E. E. Waite, Acting Associate Professor of Sociology and Psychology; Salary $2,400.00; Effective September 1, 1941. (Substituting for F. D. Alexander on leave of absence.)

School of Textiles

D. F. Thomson, Jr., Acting Assistant Professor of Carding and Spinning; Salary $2,100.00; Effective September 1, 1941. (Substituting for G. H. Dunlap on leave of absence.)

E. P. Ward, Instructor in Textiles, Salary $1,600.00; Effective September 1, 1941. (Substituting for W. L. Hicks on leave of absence.)

School of Vocational Education

Z. H. Burns, Acting Assistant Professor of Vocational Education; Salary $2,000.00; Effective September 1, 1941. (Substituting for J. L. Brock who has been temporarily transferred to another position.)

Military Department

Lieutenant R. L. Norrell, Assistant Commandant; Salary $120.00; Effective October 1, 1941.

Sergeant E. D. Steyerman, Clerk - Commandant's Office; Salary $600.00; Effective August 1, 1941.

Library

H. S. Montague, Jr., Assistant Librarian; Salary $1,260.00; Effective September 1, 1941.

Buildings and Grounds

J. L. Murph, Assistant Superintendent of Buildings and Grounds; Salary $1,320.00; Effective July 1, 1941.

Extension Service

J. R. Allen, Jr., Assistant Marketing Specialist; Salary $200.00 per month; Temporary appointment from July 28 through August 27, 1941.
Extension Service  (Continued)

L. W. Asbill, Assistant Marketing Specialist; Salary $2,400.00; Effective October 20, 1941. Temporary employment from September 22 through October 10, 1941.

W. E. Cooper, Assistant Forestry Specialist; Salary $2,700.00; Effective November 1, 1941.

W. C. Curry, Assistant Marketing Specialist; Salary $160.00 per month; Temporary appointment from September 1, through October 31, 1941.

F. M. Fleming, Assistant to District Agent in Piedmont District; Salary $1,620.00; Effective September 2, 1941.

W. R. McKinney, Assistant County Agent, Salary $1,820.00; Effective November 1, 1941.

J. B. Owens, Assistant Marketing Specialist; Salary $3,000.00; Effective October 28, 1941.

Live Stock Sanitary Department

Virgil B. Jones, Assistant State Veterinarian; Salary $2,000.00; Effective September 17, 1941.

W. S. Young, Assistant State Veterinarian; Salary $2,000.00; Effective September 22, 1941.

6. I recommend that the mathematics requirement for admission be changed to one unit in plane geometry and one and one-half units in algebra.

7. I recommend for your approval the principles involved in the studies being made by the Curricula Committee.

8. I recommend for your approval the principle of exchange professorships between Clemson and other accredited institutions provided suitable arrangements can be made.

9. I recommend that annual leaves of absence be granted to all members of the college staff called to serve in the National Defense Program and that these leaves be renewed annually as long as their services are imperative to the welfare of this country and return to the college is beyond their control. I recommend further that temporary appointments be made to run coincident with the leaves of absence.
10. I recommend that if necessary the sick leave of Mr. S. W. Evans, Treasurer, be extended until the next meeting of the Board of Trustees. Mr. Evans is giving advisory service now.

11. I recommend that authority be granted to pay Mr. D.B. Roderick, Assistant Chemist, who is now sick in the State Hospital, one-half salary each month until May 1, 1942, and that after this period his salary be reduced to one-fourth. It is anticipated that if Mr. Roderick fails to recover by this time the hospital will absorb all of his needs.

12. Upon the request of Dean F. H. H. Calhoun, I recommend that the salary of Mr. R. E. Gee, Instructor in Chemistry and Geology, be increased from $1,800.00 to $2,100.00 per annum, effective as of September 1, 1941.

13. I recommend that the salary of the position of Assistant to the Registrar be changed from $1,200.00 plus a $300.00 summer-school stipend, to $1,500.00 on a regular twelve-months basis without the requirement of summer school attendance.

14. Since many poor but worthy young men and young women are unable to attend college, I recommend that the Clemson College Board of Trustees look with favor on any worthwhile approach toward the creation of a loan fund to be used for such a worthy purpose.

15. I recommend that the Claude W. Kress bequest be set up as a perpetuating research fund on the following basis:

**Subject**

To be known as "The Claude W. Kress Endowment Research Fund".
2. Recognition  
To perpetuate the donor's name in full appreciation and recognition of his interest in Clemson by giving due credit on all papers, monographs, and books published in part or in whole from the fund.

3. Purpose and Aim  
To promote scholarly and scientific research among the faculty -- anticipating that great practical values will be the final result.

4. Acceptance  
To accept S. H. Kress Company Common Stock as Clemson's part of the will.

5. Procedure  
- a. To use the earnings from the stock for basing the annual budget preparations on this fund.
- b. To allocate funds to any faculty member who has shown ability and aptitude in research, and to some extent to encourage those who have not previously engaged in research.
- c. To allocate funds to be used in publishing worthy manuscripts resulting from studies conducted with these and other funds.
- d. To allocate funds to be used in building apparatus useful to scientific procedure.

6. Faculty Committee  
To select a faculty committee, composed of men with experience in scholarly and scientific research procedure, which will review requests, determine need and worthiness of each project, pass upon value of manuscripts submitted for publication, supervise the economic expenditure of the funds, and prepare annual reports on achievements and accomplishments.

7. Rights of the Board of Trustees  
The Board of Trustees of the Clemson Agricultural College reserves the right to make changes in the use of these funds at any time, and especially if they are not used to fulfill the purposes given above, or if circumstances beyond the control of the college make it advisable to originate new purposes.

8. Family Notified  
Members of the family shall be notified of this action and as far as practicable be posted on the future usefulness and values of the will.

16. I recommend that authority be granted to seek funds from the Legislature for the purpose of securing a Specialist who will help in solving the problems of the bee industry.
17. I recommend that at the beginning of the second quarter on November 11, 1941, the price of board in the Mess Hall shall be increased to meet the present costs and conditions, but not to exceed $20.00 per month.

18. I recommend that the sum of $100.00 be authorized for the Physics Department to supplement the appropriation authorized at the June meeting for moving into the old textile building.

19. I recommend that authority be granted to move the Pinckney, Brown, and/or other houses, mills, etc., located on the lands taken out of production, to Clemson for preservation providing N. Y. A. and/or other funds can be secured to dismantle and rebuild them.

20. I recommend that authority be given to use stone, top-soil, trees, and building material on land taken out of production for the development of any project on the area and on other lands under the control of the college.

21. I recommend that authority be granted to cooperate with the State Highway Department in the improvement of old roads and for the construction of new roads on the college property. The suggested program includes the following:

(a) Widen the highway beginning at about the northeast corner of Riggs Field and toward the Seneca River and to make a sidewalk if possible.

(b) Surface treat the parking area in front of the United States Post Office Building.

(c) Build new road from highway to Seneca just east of the Gordon house to new athletic field and to a point near Cemetery Hill where it will intersect with road leading to the Shop Building and from Shop Building in the direction of the Horticultural Greenhouse to intersect the present road leading toward Cherrys Crossing.
(d) Build new road from a point on the Seneca Highway about 500 feet west of the Gordon house and running west of the new athletic field and thence across west end of Cemetery Hill thence southwest of the farm barn and through pasture southwest of dairy barn to intersect paved road leading toward Stone Church. This road is for the purpose of detouring Anderson traffic around the campus.

(e) Build new road from a point near the Shop Building to intersect the road described in paragraph (d) in vicinity of the present farm barn.

(f) Connect road in front of new Textile Building to proposed stadium road described in (c) and move a residence if necessary.

(g) Build new road from South Palmetto Boulevard near J. E. Hunter residence to connect with road described in paragraph (c).

(h) Extend road on west side of dairy building to intersect road described in (c) in the vicinity of the Horticultural grounds and authority to move old Furman House if necessary.

(i) Complete a road from the Hotel Hill down to the road leading to Calhoun near Sloan's store.

(j) Widen the Pendleton Road with curb and gutter from a point near the library building toward the intersection of the Anderson- Greenville roads.

(k) Construct a sidewalk, right-of-way to be donated by private owners, from near Keller's store toward the depot at Calhoun. This is not on college property.
22. I recommend also that authority be granted the college officials to work with the highway department in carrying out any program of road building and to make necessary alterations and changes all with the approval of the Executive Committee.

23. In accordance with authority granted by the Board at the June meeting the following items for equipment and plant additions have been allocated and I recommend the same for your final approval:

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Title</th>
<th>Allotment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 H-2</td>
<td>Rework Old Textile Building</td>
<td>$30,408.72</td>
</tr>
<tr>
<td>2 G-7</td>
<td>Physics Equipment and Moving</td>
<td>1,625.00</td>
</tr>
<tr>
<td>3 G-4</td>
<td>School Agriculture Truck</td>
<td>580.00</td>
</tr>
<tr>
<td>4 G-4</td>
<td>Service Division 2 Trucks</td>
<td>2,133.20</td>
</tr>
<tr>
<td>5 G-7</td>
<td>Library-Educational Equipment</td>
<td>6,000.00</td>
</tr>
<tr>
<td>6 G-7</td>
<td>School of Agriculture-Educational Equipment</td>
<td>450.00</td>
</tr>
<tr>
<td>7 G-7</td>
<td>School of Engineering-Educational Equipment</td>
<td>1,325.00</td>
</tr>
<tr>
<td>8 G-7</td>
<td>School of General Science-Educational</td>
<td>300.00</td>
</tr>
<tr>
<td></td>
<td>Equipment</td>
<td>350.00</td>
</tr>
<tr>
<td>9 G-7</td>
<td>School of Military Science-Educational</td>
<td>1,500.00</td>
</tr>
<tr>
<td></td>
<td>Equipment</td>
<td>800.00</td>
</tr>
<tr>
<td>10 G-7</td>
<td>School of Chemistry-Educational Equipment</td>
<td>1,850.00</td>
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<tr>
<td>11 G-7</td>
<td>School of Education-Educational Equipment</td>
<td>5,000.00</td>
</tr>
<tr>
<td>12 H-2</td>
<td>Service Division - Fire Truck</td>
<td>1,000.00</td>
</tr>
<tr>
<td>13 H-2</td>
<td>Service Division-Water Plant</td>
<td>1,000.00</td>
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<tr>
<td>14 H-2</td>
<td>Service Division-Stadium</td>
<td>500.00</td>
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<tr>
<td>15 H-2</td>
<td>Service Division-(Hanover)</td>
<td>2,178.08</td>
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<tr>
<td>16 G-7</td>
<td>Textile School-Office Equipment</td>
<td>800.00</td>
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<tr>
<td>17 Miscellaneous</td>
<td></td>
<td>500.00</td>
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<td></td>
<td></td>
<td>2,178.08</td>
</tr>
<tr>
<td></td>
<td></td>
<td>61,000.00</td>
</tr>
</tbody>
</table>

24. Due to the increased enrollment in certain classes it was necessary to employ an additional Instructor in Botany at a salary of $1,600.00 and I recommend that you approve the establishment of this position.

25. I recommend that the request to the Legislature for Collegiate Activities for 1942-43 be $280,880.73, which is an increase of $75,880.73 over the present appropriation.
The increases and changes in the proposed new budget are summarized in the figures which follow:

**Budgets Collegiate Activities**

<table>
<thead>
<tr>
<th>Expenditures for</th>
<th>Budget 1941-42</th>
<th>Request 1942-43</th>
<th>Increase or Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Salaries teachers &amp; officers</td>
<td>$400,675.00</td>
<td>$442,321.00</td>
<td>$41,646.00</td>
</tr>
<tr>
<td>2. Labor, supplies, etc.</td>
<td>200,147.00</td>
<td>218,306.00</td>
<td>18,159.00</td>
</tr>
<tr>
<td>3. Water Plant, Misc.</td>
<td>78,899.00</td>
<td>40,000.00</td>
<td>(-)38,899.00</td>
</tr>
<tr>
<td>4. Part Cost Armory</td>
<td>.00</td>
<td>50,000.00</td>
<td>50,000.00</td>
</tr>
<tr>
<td>5. Fertilizer Insp. &amp; Anal.</td>
<td>37,015.00</td>
<td>37,790.00</td>
<td>775.00</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>$716,736.00</strong></td>
<td><strong>$788,417.00</strong></td>
<td><strong>$71,681.00</strong></td>
</tr>
</tbody>
</table>

**Estimated Income**

<table>
<thead>
<tr>
<th>Item</th>
<th>Budget 1941-42</th>
<th>Request 1942-43</th>
<th>Increase or Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>6. All income except State Appropriation</td>
<td>$511,736.00</td>
<td>507,536.27</td>
<td>4,199.73</td>
</tr>
<tr>
<td>7. State Appropriation</td>
<td>205,000.00</td>
<td>280,830.73</td>
<td>75,830.73</td>
</tr>
</tbody>
</table>

**Explanation**

1. This increase of $41,646.00 includes salary adjustments for 142 teachers and officers ($34,602.00) and provides for 4 new instructors ($7,044.00).

2. An increase of $18,159.00 is for wage adjustments for laborers and for rising costs of supplies, coal, insurance, etc.

3 & 4. It is recommended that the funds appropriated for the water plant ($75,000.00) and for miscellaneous equipment ($3,899.00) in the current budget be used, if available, for installation of machinery in Textile School ($20,000.00), for reworking basement of Library Building ($10,164.00), for educational equipment ($5,635.00), and that additional funds be requested to include an item of $50,000.00 to match a WPA Defense Armory Project of $100,000.00 and to provide for an estimated decrease in institutional funds of $4,199.73.

5. This increase of $775.00 is for adjustments in salaries.
26. I recommend that the following requests to the 1942 Legislature for Public Service Activities be approved:

Public Service Activities
Proposed Budgets 1942-1943

1. Agricultural Research

Appropriation for current year: $ 50,000.00
Increases proposed for 1942-43:
- A-1 Salary adjustments: $ 3,975.00
- A-2 Wage adjustments: $ 2,000.00
- B- Printing Bulletins: $ 500.00
- C- Supplies: $ 1,625.00
- D- Insurance: $ 1,000.00
- G-H Equipment and residences: $ 10,900.00

Total request for 1942-43: $ 70,000.00

2. Edisto Experiment Station

Appropriation for current year: $ 30,000.00
Increases proposed for 1942-43:
- A- Personal Service: $ 1,000.00
- B- Supplies: $ 1,000.00
- H- Non Structural Improvements: $ 3,000.00

Total request for 1942-43: $ 35,000.00

3. Truck Experiment Station

Appropriation for current year: $ 18,000.00
Increases proposed for 1942-43:
- A- Personal Service: $ 1,000.00
- B- Replace old truck: $ 300.00
- H- Residence and irrigation equip: $ 5,700.00

Total request for 1942-43: $ 25,000.00

4. Crop Pests and Diseases

Appropriation for current year: $ 7,438.00
Increases proposed for 1942-43:
- Employment of one additional worker, travel, and other expenses: $ 4,562.00

Total request for 1942-43: $ 12,000.00

5. Tobacco Research

Appropriation for current year: $ 14,430.00
Increases proposed for 1942-43:
- A-1 Tobacco Specialist: $ 2,700.00
- A-2 Additional Labor: $ 1,000.00
- C- Additional Supplies: $ 700.00
- G- Additional Equipment: $ 2,000.00
- H- Residence and irrigation equip: $ 4,120.00

Total request for 1942-43: $ 25,000.00
### Activity

1. Collegiate Activities... $205,000.00 $280,880.73 $78,880.73
2. Agricultural Research...... 50,000.00 70,000.00 20,000.00
3. Edisto Experiment Station... 30,000.00 35,000.00 5,000.00
4. Truck Experiment Station... 18,000.00 20,000.00 7,000.00
5. Crop Pests and Diseases...... 7,438.00 12,000.00 4,562.00
6. Land Use Project........... 10,000.00 10,000.00 0.00
7. Tobacco Research........... 14,480.00 20,000.00 10,520.00
8. Horticultural Prod. Lab...... 10,000.00 10,000.00 0.00
9. Extension Service........... 186,000.00 195,000.00 30,000.00
10. Live Stock Sanitary Work... 48,550.00 60,800.00 12,250.00

**Totals...** $559,468.00 $724,880.73 $165,212.73
27. At the request of Director Watkins, I recommend that the "Further Development Fund" recently appropriated for the Extension Service, be allocated three-fourths to Clemson College and one-fourth to Winthrop College. This money will be absorbed in paying the salaries of county and home agents but not for raising salaries. It was estimated that the Extension Service would obtain from the Bankhead-Jones funds the amount of $349,855.06. The amount actually obtained was $349,682.61 or $172.45 less than was originally estimated. The amount to be budgeted is $1,970.91. No salary increases are involved in this addition and it takes care of a deficit which existed in our original figures.

28. I recommend that authority be granted the Extension Service for expenditure of $2,000.00 appropriated by the Legislature for Camp Long.

29. I recommend that authority be granted to the South Carolina Electric and Gas Company for a right-of-way across the property of the Sandhill Experiment Station for the extension of an electric line from the vicinity of the present assembly building to adjoining the property owned by private individuals.

30. After much study and several lengthy conferences, your committee, composed of Messrs. Edgar A. Brown, D. W. Watkins, and R. F. Poole, recommends the appointment of Messrs. L. M. Asbill, J. B. Owens, and J. E. Youngblood as Assistant Marketing Specialists. Mr. Youngblood, formerly county agent for Beaufort County, has had previous experience in the marketing service; Mr. Owens has had wide experience in marketing procedures having worked with the United States Marketing Service during recent years; and Mr. Asbill has been working in the marketing inspection service over a period of years. All the men are experienced and come to the service highly recommended.
31. Upon the request of Director Watkins, I recommend that the $300.00 donated by the South Carolina Poultry Improvement Association be paid out in equal monthly installments to Mr. P. H. Gooding and Mr. J. W. Matthews as a promotion in salary beginning July 1, 1941. Our understanding is that the Association will remit $300.00 semi-annually so that the next remittance will be January 1, 1942. I recommend that this fund be used to pay Mr. J. W. Matthews $25.00 per month in addition to his present salary, and that $25.00 per month be paid to Mr. P. H. Gooding in addition to his present salary, and that this arrangement continue. This increase in pay is based on this fund becoming available in this particular way and will be discontinued if and when the fund is no longer available.

32. I recommend that Congress be asked to so arrange federal rulings on superphosphate, agricultural limes, and other materials sold as fertilizer, that the college may carry out the laws of this state in collecting the revenues.

33. I recommend that the following salary increases proposed by Director D. W. Watkins be approved as of November 1, 1941:

<table>
<thead>
<tr>
<th>Name and Title</th>
<th>Present Salary</th>
<th>Proposed Salary</th>
<th>Annual Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>D. R. Hopkins, County Agent</td>
<td>$2,780.00</td>
<td>$2,880.00</td>
<td>$120.00</td>
</tr>
<tr>
<td>R. D. Suber, County Agent</td>
<td>2,820.00</td>
<td>2,940.00</td>
<td>120.00</td>
</tr>
<tr>
<td>J. C. McComb, County Agent</td>
<td>2,580.00</td>
<td>2,700.00</td>
<td>120.00</td>
</tr>
<tr>
<td>J. W. Talbert, Acting County Agent</td>
<td>2,640.00</td>
<td>2,700.00</td>
<td>60.00</td>
</tr>
<tr>
<td>J. C. Willis, County Agent</td>
<td>2,640.00</td>
<td>2,760.00</td>
<td>120.00</td>
</tr>
<tr>
<td>J. C. King, Asst. County Agent</td>
<td>1,800.00</td>
<td>1,980.00</td>
<td>180.00</td>
</tr>
<tr>
<td>Boyce Miller, Asst. County Agent</td>
<td>1,800.00</td>
<td>1,980.00</td>
<td>180.00</td>
</tr>
<tr>
<td>D. Richardson, Asst. County Agent</td>
<td>1,800.00</td>
<td>1,980.00</td>
<td>180.00</td>
</tr>
<tr>
<td>T. A. Stallworth</td>
<td>1,800.00</td>
<td>1,980.00</td>
<td>180.00</td>
</tr>
<tr>
<td>D. H. Caughman</td>
<td>1,800.00</td>
<td>1,980.00</td>
<td>180.00</td>
</tr>
<tr>
<td>J. D. Miller</td>
<td>2,100.00</td>
<td>2,280.00</td>
<td>180.00</td>
</tr>
<tr>
<td>B. J. Funderburk</td>
<td>1,800.00</td>
<td>1,980.00</td>
<td>180.00</td>
</tr>
<tr>
<td>A. L. DuRant, Live Stock Spec.</td>
<td>2,880.00</td>
<td>3,000.00</td>
<td>120.00</td>
</tr>
<tr>
<td>C. G. Cushman, Dairy Spec. in Charge</td>
<td>3,300.00</td>
<td>3,600.00</td>
<td>300.00</td>
</tr>
<tr>
<td>W. G. Nettles, Ent. and Path.</td>
<td>2,695.00</td>
<td>2,880.00</td>
<td>185.00</td>
</tr>
<tr>
<td>M. G. McKenzie, Asst. to Agr. Engr.</td>
<td>1,800.00</td>
<td>2,100.00</td>
<td>300.00</td>
</tr>
<tr>
<td>L. W. Riley, Asst. Vis. Instr.</td>
<td>1,800.00</td>
<td>2,100.00</td>
<td>300.00</td>
</tr>
</tbody>
</table>

Totals .................................. $40,735.00 $43,720.00 $2,985.00

will cost $1,890.00 to pay these increases from November 1, 1941 to the end of the fiscal year.
34. Upon the recommendation of the Agricultural Committee, I recommend that $240.00 of the salary of Dr. E. J. Lease, Associate Chemist with the Experiment Stations, be paid from college funds. This will pay for certain instructional services and will avoid conflict with Experiment Station funds. This is not an increase in salary.

35. Upon the recommendation of the Agricultural Committee, I recommend that Mr. T. A. Cole, Acting Chief of the Marketing Division of the Extension Service, be made Chief of the Marketing Division at a salary of $3,750.00 -- $1,000.00 to come from federal funds formerly paid to Mr. George Prince.

36. Upon the recommendation of the Agricultural Committee, I recommend that funds be sought to raise the salaries of the public service employees ten per cent.

37. Upon the recommendation of the Agricultural Committee, I recommend that the per diem of the nine Fertilizer Inspectors be raised from $5.00 per day to $5.50 per day.

38. Upon the recommendation of the Agricultural Committee, I recommend salary increases for the following workers in the Live Stock Sanitary Department -- raise to become effective as of July 1, 1941:

<table>
<thead>
<tr>
<th>Name and Title</th>
<th>Present Salary</th>
<th>Requested Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>R. A. Mays, Asst. State Veterinarian</td>
<td>$3,200.00</td>
<td>$3,400.00</td>
</tr>
<tr>
<td>E. T. Fisher, &quot; &quot; &quot;</td>
<td>2,800.00</td>
<td>3,000.00</td>
</tr>
<tr>
<td>H. E. Hood, &quot; &quot; &quot;</td>
<td>2,800.00</td>
<td>3,000.00</td>
</tr>
<tr>
<td>F. K. Peterson,&quot; &quot; &quot;</td>
<td>2,800.00</td>
<td>3,000.00</td>
</tr>
<tr>
<td>S. M. Witherspoon Asst. State Vet.</td>
<td>2,800.00</td>
<td>3,000.00</td>
</tr>
<tr>
<td>I. R. Cooper, &quot; &quot; &quot;</td>
<td>2,200.00</td>
<td>2,400.00</td>
</tr>
<tr>
<td>J. G. McKee, &quot; &quot; &quot;</td>
<td>2,200.00</td>
<td>2,400.00</td>
</tr>
<tr>
<td>H. E. Nixon, &quot; &quot; &quot;</td>
<td>2,200.00</td>
<td>2,400.00</td>
</tr>
<tr>
<td>William Ginn &quot; &quot; &quot;</td>
<td>2,100.00</td>
<td>2,200.00</td>
</tr>
<tr>
<td>L. F. Gaillard, Asst. to Vet.</td>
<td>1,800.00</td>
<td>1,900.00</td>
</tr>
<tr>
<td>R. K. Donly, Clerk</td>
<td>2,300.00</td>
<td>2,500.00</td>
</tr>
</tbody>
</table>

39. Dr. H. P. Cooper reports that Miss Mary E. Frayser, Home Economist, is 68 years of age and Mr. Burns Gillison, Foreman of the College Farm, is 72 years of age. Recommendations concerning their retirement will be presented at the March meeting of the Board of Trustees.