MINUTES OF THE MEETING OF THE CLEMSON AGRICULTURAL COLLEGE
BOARD OF TRUSTEES HELD IN THE OFFICE OF THE PRESIDENT ON
October 25, 1954

By mutual agreement the Agricultural Committee recessed and
the meeting was called to order at 9:20 A. M. to receive Mr.
Roger Milliken, who had been invited to meet with the Board. The
Board members present were Messrs R. M. Cooper, Chairman; Paul
Sanders; T. B. Young; Charles E. Daniel; Winchester Smith; F. E.
Cope; T. W. Thornhill; J. B. Douthit, Jr.; Ben T. Leppard; J. F.
McLaurin; and W. A. Barnette. Others present were Messrs. R. F.
Poole, President; G. H. Hill; H. E. Glenn; Harold Major; and A. J.
Brown. Governor Byrnes and Senator Brown had notified the Secretary
of their inability to be present.

The Chairman introduced Mr. Milliken and welcomed him to
this meeting of the Board. The Chairman expressed appreciation of
Mr. Milliken's recent gift of approximately $30,000.00 placed at
the disposal of the Board, and requested Mr. Milliken to enlighten
the Board as to his conception of an appropriate use of the contrib-
ution. Mr. Milliken reviewed the development of the Research
Foundation at Georgia Tech and the Institute of Cotton Technology at
Charlottesville, Virginia. These have accomplished research of in-
estimable value and have been of great service to industry. He was
strongly of the opinion that a similar organization at Clemson would
stimulate research by the staff, develop an active graduate Research
Program, and step up our graduate school. The organization will be
of service to the public, industry, agriculture and further the de-
velopment of the natural resources of the State. A new treatment
for cotton fiber recently discovered by the Insti. of Cotton Technology
has opened an unlimited vista for treatment and use of cotton fiber.
He recommended that serious consideration be given to setting up a
research organization on a strictly business basis, with a tie-in
with industry, and headed by a keen business executive and a top
quality research staff. The objective should be for best quality
rather than greater quantity. He recommended that procedure at
other places be thoroughly investigated to determine best form of
organization and procedure to inaugurate the service.

After further discussion of the matter, the Chairman
thanked Mr. Milliken for his presence, his able presentation, and
his generosity.

After Mr. Milliken withdrew, the Board recessed until
1:30 P. M. and the Agricultural Committee reconvened.

The Board reconvened at 1:30 P. M.

Moved by Mr. Daniel and seconded by Mr. McLaurin and Mr.
Cope: That the Chairman of the Board appoint a committee of not
less than three trustees to work with the President to the end that
we employ a Director of Research and proceed immediately to develop
and establish a Research Foundation as an eleemosynary institution
owned and controlled by Clemson Agricultural College of South Carolina
and its Board of Trustees as presently constituted; and that the
committee, with the President, be empowered to inaugurate a suitable
 corporate structure, name the organization and employ the necessary
staff.

UNANIMOUSLY APPROVED

The Chairman asked the President to submit his recommen-
dations.

The President's Recommendations - October 25, 1954
Item 1. Having successfully completed one of the regularly prescribed courses of study and upon approval of the faculty and by authority of the President and the Board of Trustees, the Bachelor's degree was conferred upon 78 men and the Master's degree upon 11 men and 2 women on August 14, 1954. The list of individuals awarded degrees is given below.

CANDIDATES FOR BACHELORS' DEGREES

SCHOOL OF AGRICULTURE
Bachelor of Science Degree

Agriculture-Agricultural Economics Major
Richard Herbert Long
Edwin Earl Sompayrac
Jerry Hill Padgett

Agriculture-Agronomy Major
Jack Lefon Allen
John Montgomery Little, III
Henslee Clifford McLellan, Jr.
Robert Ellis Poston

Agriculture-Animal Husbandry Major
Leland McElvy Bradshaw
Frank Lovett James
Henry Clay Morris, Jr.
Robert Johnson Weekley

Agriculture-Dairy Major
Howard Benjamin Rowe

Agriculture-Entomology Major
Michael Anthony Fischetti

Agriculture-Horticulture Major
Harry McClure Burnett
John Thompson Green

SCHOOL OF ARTS AND SCIENCES
Bachelor of Science Degree
Arts and Sciences
Archibald Earle Baker
Spencer L. Woodard
Fred Dan Wallace, Jr.

Industrial Physics
Lewis Jolly

Pre-Medicine
Arthur Gaillard Gower, III
McKeith Olis Parsons

SCHOOL OF CHEMISTRY
Bachelor of Science Degree
Chemistry
Howard Lee Setzer, Jr.

SCHOOL OF EDUCATION
Bachelor of Science Degree
Education
Dillard Elwood Medford
Charles Lake Morris
Eugene Foy Moxley, Jr.
Industrial Education
Lawrence Harry Fry
William Baskin Lawrence, Jr.
Vocational Agricultural Education
Olin Durham Blackwell
melvin Henry Hann
SCHOOL OF ENGINEERING
Bachelor of Science Degree
Agricultural Engineering
(Agricultural Engineering is jointly administered by the School of Agriculture and the School of Engineering.)
Luther Howard Carroll
David Eskew Craig
Architecture
Theodore Alexander Butts
Robert Brown Cunningham, III
Samuel Joseph Player
Bachelor of Ceramic Engineering Degree
Martin Ansel Alewine, Jr.
Bachelor of Chemical Engineering Degree
Richard Ostrander Hull, Jr.
Nicholas Peter Anagnost
Thomas Ralph Rosamond
Bachelor of Electrical Engineering Degree
Stephen Francis Peszka
Bachelor of Mechanical Engineering Degree
Samuel Paul Anderson, Jr.
Walter Dickson Banks, Jr.
Charles William Campbell, Jr.
James Richard Hedden
SCHOOL OF TEXTILES
Bachelor of Science Degree
Textile Chemistry
Arthur Louis Watson
Textile Engineering
Robert Billups Plowden, Jr.
Textile Manufacturing
Robert Lee Blackwell
James Donald Bradley
Henry Grady Brady, Jr.
Joseph Franklin Byrd
William James Carnell
Thomas Milton Griffin, IV
Howard Simpson Hawkins
Thomas Walter Jenkins
James Thomas Liakos
Connie M. Mabry, Jr.
Irvin Edgar Madden, Jr.
Joseph Agusta Murray
Robert Wicks Shane, Jr.
Roy Cecil Southerlin
James Hoyt Thompson
James Allen Ward
CANDIDATE FOR PROFESSIONAL DEGREE

SCHOOL OF ENGINEERING
Professional Degree of Electrical Engineer

Olar Thompson Hinton, Jr.

CANDIDATES FOR MASTERS' DEGREES

SCHOOL OF AGRICULTURE
Master of Science Degree
Agricultural Economics

Ralph Crenshaw Latham
Entomology

John William Gillespie
Zoology

Charles Archer Dodson

SCHOOL OF ARTS AND SCIENCES
Master of Science Degree
Physics

Malcolm Finn Steuer
Chemistry

Edgar Lowell Steele

SCHOOL OF EDUCATION
Master of Science Degree
Education

Zora Butte Barnett

Ethel Estelle Hembree
Industrial Education

Edgar Miles Berry

Leroy Aldin Sands
Vocational Agricultural Education

Lewis Jennings Carter

William Furman Moore, Sr.

APPROVED

Item 2. Upon authority of the By-Laws, the President accepted the following RESIGNATIONS and asked approval of his actions:

Agricultural Division
School of Agriculture

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>J. B. Richardson</td>
<td>Assoc. Prof. of Agricultural Engineering and Assoc. Agricultural Engineer</td>
<td>August 31, 1954</td>
</tr>
</tbody>
</table>
### Experiment Station

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Effective</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. A. Dodson</td>
<td>Assistant in Animal Pathology</td>
<td>Sept. 30, 1954</td>
</tr>
<tr>
<td>R. C. Guy, Jr.</td>
<td>Fertilizer Inspector</td>
<td>Aug. 16, 1954</td>
</tr>
<tr>
<td>D. W. Newcom</td>
<td>Associate Horticulturist</td>
<td>Aug. 31, 1954</td>
</tr>
<tr>
<td>A. B. Prince</td>
<td>Associate Agronomist</td>
<td>Aug. 10, 1954</td>
</tr>
</tbody>
</table>

### Extension Service

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Effective</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steve Lund</td>
<td>Extension Agronomist</td>
<td>Sept. 11, 1954</td>
</tr>
</tbody>
</table>

### School of Arts and Sciences

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Effective</th>
</tr>
</thead>
<tbody>
<tr>
<td>J. C. Guilds, Jr.</td>
<td>Assistant Professor of English</td>
<td>Aug. 31, 1954</td>
</tr>
</tbody>
</table>

### School of Chemistry and Geology

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Effective</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. C. Berry</td>
<td>Associate Professor of Geology and</td>
<td>July 31, 1954</td>
</tr>
<tr>
<td></td>
<td>Head of Geology Department</td>
<td></td>
</tr>
<tr>
<td>L. F. Fernandez</td>
<td>Instructor in Chemistry</td>
<td>Aug. 31, 1954</td>
</tr>
<tr>
<td>W. D. Jacobs</td>
<td>Instructor in Chemistry</td>
<td>Aug. 31, 1954</td>
</tr>
<tr>
<td>J. E. Smith</td>
<td>Instructor in Chemistry</td>
<td>Aug. 31, 1954</td>
</tr>
<tr>
<td>E. L. Steele</td>
<td>Instructor in Chemistry</td>
<td>Aug. 31, 1954</td>
</tr>
</tbody>
</table>

### School of Engineering

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Effective</th>
</tr>
</thead>
<tbody>
<tr>
<td>F. F. Bainbridge</td>
<td>Assistant Professor of Architecture</td>
<td>Aug. 31, 1954</td>
</tr>
<tr>
<td>D. W. Gates</td>
<td>Assistant Professor of Ceramic</td>
<td>Aug. 31, 1954</td>
</tr>
<tr>
<td>J. H. Gates</td>
<td>Professor and Head of Architecture</td>
<td>Aug. 31, 1954</td>
</tr>
<tr>
<td>R. G. Rion</td>
<td>Instructor in Ceramic Engineering</td>
<td>Aug. 31, 1954</td>
</tr>
</tbody>
</table>

### School of Textiles

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Effective</th>
</tr>
</thead>
<tbody>
<tr>
<td>T. A. Hendricks</td>
<td>Associate Professor of Textiles</td>
<td>Aug. 31, 1954</td>
</tr>
<tr>
<td>H. L. Loveless</td>
<td>Asst. Prof. of Yarn Manufacturing</td>
<td>Sept. 1, 1954</td>
</tr>
<tr>
<td>W. L. Mathias</td>
<td>Graduate Assistant in Textiles</td>
<td>July 31, 1954</td>
</tr>
</tbody>
</table>

### Military Department

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Effective</th>
</tr>
</thead>
<tbody>
<tr>
<td>M/Sgt. V. J. Ceryanec</td>
<td>Rifle Team NCO</td>
<td>June 30, 1954</td>
</tr>
<tr>
<td>M/Sgt. J. M. Finch</td>
<td>Sergeant Major</td>
<td>June 30, 1954</td>
</tr>
</tbody>
</table>

### Miscellaneous

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Effective</th>
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<tbody>
<tr>
<td>R. J. Murphy</td>
<td>Chaplain</td>
<td>Aug. 31, 1954</td>
</tr>
<tr>
<td>Kathryn D. Ryals</td>
<td>Circulation Librarian</td>
<td>Aug. 31, 1954</td>
</tr>
<tr>
<td>N. Carl Wessinger</td>
<td>Admissions Counselor</td>
<td>Aug. 31, 1954</td>
</tr>
</tbody>
</table>

**APPROVED**

### Item 3. TERMINATION OF SERVICES

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Date</th>
<th>Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marjorie Dew</td>
<td>Bibliographer and Special Aid to Students</td>
<td>Aug. 31, 1954</td>
<td>Discharged</td>
</tr>
<tr>
<td>J. L. Heyer</td>
<td>Asst. Agronomist, Pee Dee</td>
<td>June 30, 1954</td>
<td>Discharged</td>
</tr>
<tr>
<td>W. F. D. Hodge</td>
<td>Assoc. Prof. of Architecture</td>
<td>Sept. 15, 1954</td>
<td>Retired</td>
</tr>
<tr>
<td>J. C. Littlejohn</td>
<td>Business Manager</td>
<td>Sept. 30, 1954</td>
<td>Retired</td>
</tr>
<tr>
<td>J. M. Napier</td>
<td>County Agent at Large</td>
<td>Aug. 31, 1954</td>
<td>Deceased</td>
</tr>
</tbody>
</table>

**APPROVED**
Item 4. The President granted the following LEAVES OF ABSENCE without pay and asked the Board's approval of his actions.

Patricia A. Bird, Laboratory Technician, Livestock Sanitary Department; from October 1, 1954 to January 14, 1955; personal.

G. H. Dunkelberg, Associate Professor of Agricultural Engineering and Associate Agricultural Engineer; from July 1, 1954 to February 1, 1955; for assisting the Republic of Chile with their farm structures' problems as temporary employee of Foreign Operations Administration, U. S. Government.

T. D. Efland, Assistant Professor of Knitting; from September 1, 1954 to September 1, 1955; for graduate study at Georgia Institute of Technology.

G. H. Liebenrood, Assistant County Agent; from January 1, 1955 to December 31, 1955; for graduate study at Colorado A & M.

Mary Lee McCracken, Assistant Chemist; from July 1, 1954 to August 31, 1954; attending summer school at Columbia University.

Myra Jean Musser, Stenographer, School of Arts and Sciences; from September 1, 1954 to November 30, 1954; travel abroad.

Hattie Boone Wagener, Secretary, Department of Architecture from August 1, 1954 to September 1, 1954; extended vacation.


APPROVED

Item 5. The President made the following TRANSFERS and asked approval of the same.

Mary Chesnut Britton from Stenographer, Livestock Sanitary Department, to Laboratory Technician, Livestock Sanitary Department; salary $2400; effective July 1, 1954.

J. W. Gillespie from Assistant Chemist, Fertilizer Department, to Instructor in Chemistry; salary $3400; effective September 1, 1954.

J. S. Goodman from Laboratory Technician, Department of Chemical Engineering to Plant Engineer, School of Agriculture; salary $4200; effective October 1, 1954.

C. R. Tuten from Assistant County Agent, Clemson, to Assistant County Agent, Edgefield; salary $3720; effective August 1, 1954.

APPROVED

Item 6. Under authority given in the By-Laws, the President made the following APPOINTMENTS and asked approval of his actions.

Agricultural Division
School of Agriculture
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Salary</th>
<th>Effective</th>
</tr>
</thead>
<tbody>
<tr>
<td>M. G. Hamilton</td>
<td>Associate Horticulturist and Assoc. Prof. of Horticulture</td>
<td>$5700</td>
<td>July 1, 1954</td>
</tr>
<tr>
<td>D. L. Handlin</td>
<td>Asst. Prof. of Animal Husbandry</td>
<td>$4800</td>
<td>Sept. 1, 1954</td>
</tr>
<tr>
<td>J. A. Salters, Jr.</td>
<td>Graduate Research Asst.</td>
<td>$120 Mo.</td>
<td>Sept. 20, 1954</td>
</tr>
</tbody>
</table>

### Experiment Station

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Salary</th>
<th>Effective</th>
</tr>
</thead>
<tbody>
<tr>
<td>J. M. Alexander, III</td>
<td>Graduate Assistant in Research</td>
<td>$150 Mo.</td>
<td>Sept. 10, 1954</td>
</tr>
<tr>
<td>W. A. Banks</td>
<td>Graduate Assistant in Research</td>
<td>$150 Mo.</td>
<td>Sept. 10, 1954</td>
</tr>
<tr>
<td>C. H. Mudge</td>
<td>Research Fellow on Sheep Project, Johnsonville</td>
<td>$4000</td>
<td>Sept. 17, 1954</td>
</tr>
<tr>
<td>E. C. Naber</td>
<td>Assistant Poultryman</td>
<td>$5400</td>
<td>Aug. 1, 1954</td>
</tr>
<tr>
<td>J. H. Padgett</td>
<td>Graduate Research Assistant</td>
<td>$1100</td>
<td>Sept. 15, 1954</td>
</tr>
<tr>
<td>W. A. Terpley</td>
<td>Graduate Assistant in Research</td>
<td>$150 Mo.</td>
<td>Sept. 10, 1954</td>
</tr>
<tr>
<td>C. H. Whitworth</td>
<td>Agricultural Statistician</td>
<td>$6140</td>
<td>Sept. 1, 1954</td>
</tr>
<tr>
<td>W. B. Wilkerson, Jr.</td>
<td>Fertilizer Inspector</td>
<td>$9 a day</td>
<td>Sept. 15, 1954</td>
</tr>
</tbody>
</table>

### Extension Service

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Salary</th>
<th>Effective</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q. Benbow</td>
<td>Asst. Negro Agricultural Agent, Colleton County</td>
<td>$3540</td>
<td>Aug. 10, 1954</td>
</tr>
<tr>
<td>W. H. Punchess</td>
<td>Jr. Asst. County Agent, Edgefield County</td>
<td>$3780</td>
<td>July 16, 1954</td>
</tr>
<tr>
<td>Hugene Gerald</td>
<td>Asst. Negro Agricultural Agent, Orangeburg County</td>
<td>$3540</td>
<td>Sept. 1, 1954</td>
</tr>
<tr>
<td>H. F. Godwin</td>
<td>Asst. County Agent, Richland County</td>
<td>$3720</td>
<td>Sept. 11, 1954</td>
</tr>
<tr>
<td>D. C. Hutchins</td>
<td>Asst. County Agent, Spartanburg County</td>
<td>$3720</td>
<td>July 1, 1954</td>
</tr>
<tr>
<td>J. M. Lawrence</td>
<td>Asst. County Agent, York Co.</td>
<td>$3820</td>
<td>Aug. 10, 1954</td>
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<tr>
<td>L. S. Livingston</td>
<td>Asst. Co. Agent, Colleton Co.</td>
<td>$3840</td>
<td>Sept. 16, 1954</td>
</tr>
<tr>
<td>C. F. Risher</td>
<td>Extension Turkey Specialist</td>
<td>$4500</td>
<td>Oct. 21, 1954</td>
</tr>
<tr>
<td>J. P. Sessions</td>
<td>Asst. Co. Agent, Florence Co.</td>
<td>$3600</td>
<td>July 16, 1954</td>
</tr>
<tr>
<td>W. S. Toy</td>
<td>Asst. Co. Agent, Richland Co.</td>
<td>$3900</td>
<td>Sept. 1, 1954</td>
</tr>
<tr>
<td>W. J. Warren</td>
<td>Asst. Negro Agri. Agent, Richland County</td>
<td>$3900</td>
<td>Aug. 6, 1954</td>
</tr>
<tr>
<td>J. Westbrook</td>
<td>Asst. Negro Agri. Agent, Spartanburg County</td>
<td>$3540</td>
<td>Aug. 1, 1954</td>
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</tbody>
</table>

### Livestock Sanitary Department

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Salary</th>
<th>Effective</th>
</tr>
</thead>
<tbody>
<tr>
<td>Helen B. Motley</td>
<td>Laboratory Technician (Temp.)</td>
<td>$2400</td>
<td>Oct. 1, 1954</td>
</tr>
<tr>
<td>C. M. Steele</td>
<td>Technical Asst., Sandhill Sta.</td>
<td>$3000</td>
<td>July 1, 1954</td>
</tr>
</tbody>
</table>

### School of Arts and Sciences

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Salary</th>
<th>Effective</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. H. Abel</td>
<td>Instructor in English</td>
<td>$3600</td>
<td>Sept. 1, 1954</td>
</tr>
<tr>
<td>J. K. Corbin</td>
<td>Graduate Asst. in Physics</td>
<td>$108 Mo.</td>
<td>Sept. 1, 1954</td>
</tr>
<tr>
<td>A. S. Howard</td>
<td>Graduate Asst. in Physics</td>
<td>$108 Mo.</td>
<td>Sept. 1, 1954</td>
</tr>
<tr>
<td>R. B. Johnson</td>
<td>Asst. Professor of Mathematics</td>
<td>$3804</td>
<td>Sept. 1, 1954</td>
</tr>
</tbody>
</table>
School of Chemistry and Geology

C. Q. Brown  Instructor in Geology  $3400  Sept. 1, 1954
C. J. Cruz  Graduate Assistant  130 Mo.  Sept. 1, 1954
E. C. Kramer, Jr.  Instructor in Chemistry  3400  Sept. 1, 1954
P. R. Mann  Graduate Assistant  130 Mo.  Sept. 1, 1954
J. E. Pennell  Graduate Assistant  130 Mo.  Sept. 1, 1954
J. C. Phillips  Graduate Assistant  130 Mo.  Sept. 1, 1954
J. W. Rhyne, Jr.  Instructor in Chemistry  3400  Sept. 1, 1954
William Routh  Graduate Assistant  130 Mo.  Sept. 1, 1954

School of Education

E. A. Hoover  Graduate Assistant  $125 Mo.  Sept. 1, 1954
A. F. Newton  Graduate Assistant  125 Mo.  Sept. 1, 1954

School of Engineering

C. C. Fain  Instructor in Ceramic Engr.  $3600  Sept. 1, 1954
C. P. Graves  Instructor in Architecture  3600  Sept. 1, 1954
E. A. Freeman  Graduate Asst. in Civil Engr.  150 Mo.  Sept. 15, 1954
W. A. Speer  Assoc. Prof. of Architecture  4500  Sept. 1, 1954
H. H. Wilson  Assoc. Prof. of Ceramic Engr.  4500  Sept. 1, 1954

School of Textiles

T. F. Ballentine  Instructor of Knitting  $3000  Sept. 1, 1954
H. K. Eason  Graduate Assistant  120 Mo.  Sept. 1, 1954

Military Department

Sgt. H. L. Dallas  Rifle Team NCO  $276  July 1, 1954
M/Sgt. L. G. Jones  Sergeant Major  168  July 1, 1954

Miscellaneous

R. C. Bradley  Associate Director of Public Relations and Alumni Secty.  $5000  Aug. 2, 1954
J. B. Howell, Jr.  Circulation Librarian  3600  Sept. 1, 1954
R. B. Johnson  Admissions Counselor  1020  Oct. 6, 1954
Stephen J. McFarland  Chaplain  1000  Sept. 1, 1954

APPROVED

Item 7. Fifty-nine teachers and officers have performed special work on certain projects such as work for the U. S. Department of Agriculture, Sonoco Products, Bamboo Research and the preparation of plans in connection with the building expansion program. This work has been in addition to their regularly assigned duties and in each case has been approved by the Dean or Director concerned and the Business Manager. The President authorized extra pay from special funds for this work and asked for approval of the same.

APPROVED

Item 8. It was recommended that the following CHANGES IN TITLE become effective September 1, 1954 unless otherwise specified.

G. W. Anderson from Animal Pathologist to Animal Pathologist and Associate Professor of Zoology and Veterinary Medicine.

W. B. S. Boykin from Associate Professor of Agronomy to Associate Professor of Agronomy and Associate Agronomist.

APPROVED
Executive Committee

Item 9. From salary and other lapses on June 30, 1954, the following expenditures have been made and the President requested confirmation of this action:

**Treasurer's Office**

1. New car - trade in ........................................ $ 1,580.90
2. Blank checks, forms, etc ................................ $ 1,671.04

**Contingent - Business Manager's Office**

3. Printing Barracks Bonds ................................. 1,133.00
4. Legal fees on Barracks Bonds .......................... 3,609.94

**Service Department**

5. Landscaping around barracks, and building student parking area .................................................. 6,010.98
6. Installing window air conditioning units in Dean Kinard's office, and Room 202, School of Education 1,376.79
7. Emergency repairs to sewer line ........................ 3,000.00
8. Miscellaneous emergency repairs, college buildings 2,191.24

**Library**

9. Cardex files, etc ........................................... 325.00
10. Binding books and periodicals ............................. 2,500.00
11. Additional wages, student help ............................ 2,500.00
12. Additional books ........................................ 1,500.00

Total ......................................................... $29,898.89

APPROVED

Item 10. The President mailed each Board member a copy of Mr. H. E. Glenn's report of September 30 on the building program with recommendations on the expenditure of the available funds for the various construction programs. It was recommended that the Board approve all of the recommendations of the report.

(a) That the items shown on Page 1 and 2 of Exhibit 1-a totaling $24,255.00 be incorporated into change order #6, Dormitory Program.

(b) That the items recommended by the architects on pages 3 and 4 of Exhibit 1-a not be included in the Dormitory Program at the present time.

(c) That the sum of $140,000.00 from the First Student Tuition Bond Issue be assigned to the Dormitory construction fund to take care of a portion of the items approved for change order #5 and all of the items recommended in change order #6. (See item #16, section "F", Exhibit 1-b, Dormitory Construction Program.)

(d) That the sum of $10,000.00 from the First Student Tuition Bond Issue be transferred to the Dormitory Furnishings Acc. to pay for furnishings and equipment which are now on order and that have been approved by the Board of Trustees Building Committee.

(e) That the items shown under paragraph 9, section "A" of Exhibit 1-c, Agricultural Building Program, amounting to $289,700, be deferred at the present time from further consideration as being a part of the Agricultural Building Program, and that the funds tentatively set aside from the proposed second issue of the Student Tuition Bonds be diverted to the Dormitory Program and to finish equipping and added construction items on the structures in the Agricultural Building Program, now let to contract.

(Continued)
(f) That the following items deleted from the Agricultural Building Program by Board of Trustee action on April 20, 1954, be reinstated, and that funds for financing these items come from the first Student Tuition Bond Issue.

Reinstate all asphalt tile. .......... $21,350.00
Reinstate all painting. ............. 19,384.00
Reinstate ornamental sculpture. .... 2,000.00
Reinstate service elevator. ......... 8,381.00
Reinstate folding doors. ........... 6,154.00

Total reinstated items ............. $57,269.00

See Item 6, Section "A", Exhibit 1-c, Agricultural Program. Construction on the Agricultural Program has now progressed to the point that further delay in reinstating the above items will handicap the contractor and delay the completion date on the contract.

(g) That the sum of $74,760.00 be approved from the first Tuition Bond Issue funds to apply to construction contingencies on the Agricultural Program. See Item #7, Exhibit 1-c, Agricultural Building Program.

(h) That the sum of $29,223.14 from the first Issue of Student Tuition Bonds be assigned for furnishings and equipment on the Auditorium Annex. (See Item #13, Section "A", Exhibit 1-c, Agricultural Program.)

(i) That the sum of $350,000.00 be set aside from the first issue of the Student Tuition Bonds to finance the purchase and installation of furniture and equipment on the Agricultural Program. This recommendation is in conformity to Mr. Daniel's decision made at the September 23, 1954 meeting of the Board of Trustees' Building Committee.

APPROVED

Item 11. At the June 1954 meeting of this Board it was resolved that the college authorities prepare an application to the State Budget and Control Board in October for additional funds under the tuition bond bill based on either the June 1954 enrollment or the February 1955 enrollment, whichever is most advantageous. It now appears from our current enrollment that it will be decidedly to our advantage to defer our application to the end of the first semester and the President requested the Board's authority to file the application based on the anticipated January 30, 1955 enrollment.

APPROVED

Item 12. With the retirement of Mr. J. C. Littlejohn on September 30, 1954, the office of Military Property Custodian became vacant. The President appointed Mr. Hamilton Hill to serve as Military Property Custodian and he requested approval of his action.

APPROVED


Item 14. In seeking a qualified person to assume the duties of Internal Auditor, an application from Mr. L. L. Law of Bishopville was received. It is important that the work continue with as little interruption as possible and the President requested authority to employ Mr. Law as Internal Auditor at a salary of $6,000, effective immediately.

APPROVED

Item 15. The Student Center will soon be completed and furnished with attractive and costly equipment. Authority was requested to employ a suitable person to serve as hostess-matron for the Student Center. The President believes the right person will add much to the cultural atmosphere and life of the students and will see that the furnishings and equipment in the Student Center are properly cared for.

APPROVED
Item 16. The President recommended the establishment of a salary scale of $8500, if so much be necessary, for the employment of a Professor and Head of the Department of Architecture. The present amount of $5952 is not adequate for securing a qualified man.

APPROVED

Item 17. Authority was requested to establish a revolving account for the centralized purchasing division of $3,000 to be paid from lapse in the current budget. This is not sufficient to put the centralized purchasing department on the proper financial operating basis and the President further requested authority to add to this amount from time to time, funds permitting, until a sufficient operating balance of approximately $20,000 to $25,000 has been established.

APPROVED

Item 18. The United States Department of Agriculture will establish the Southeastern Regional Cotton Ginning Laboratory on a ten-acre tract of land now owned by the government and located on the road to Cherry's Crossing. The United States Department of Agriculture has requested the college to extend a six inch water main to the site of the new building. The estimated cost of extending this water main and establishing a fire hydrant at the site is $5,525. The President requested the Board's authority to expend this amount for the work from the proceeds of the tuition bond. (The Building Committee had previously approved this.)

APPROVED

Item 19. We have been requested by the East Clemson Water District to furnish fire protection from our fire station to the residents of that District. The District agrees to guarantee a minimum of $25 and a maximum of $100 for each call made to the District. The college, under the agreement, would assume no responsibility other than to respond to a call and expend its best efforts to suppress or put out a fire. The agreement definitely states that the college is under no obligation to answer a call nor to be responsible for failure to answer a call provided its equipment and personnel are otherwise engaged in suppressing a fire. The agreement is to extend for a period of two years and has been approved as to form by our attorney. The President requested authority to enter into this agreement.

APPROVED

Item 20. The President requested approval of the recommendations contained in the Report on Experiment Station Housing as prepared by Mr. Henry Hill, Director of Housing.

Experiment Station Houses:

(a) That two units, Nos. 39 and 43, located near the Agricultural Building be dismantled.
(b) That the rentals be increased so as to provide sufficient income for their proper maintenance and upkeep.
(c) That the rental income on the nine campus houses be deposited to the College Housing Account and that the Housing Office be charged with the responsibility of maintenance and upkeep.
(d) That the rentals on Branch Experiment Station houses be increased effective July 1, 1955, based primarily on value, facilities available and cost, incidental to maintenance, and that rental be deposited in a separate account by the Treasurer and used exclusively for authorized repairs, replacements and maintenance.
(e) That no funds be spent for renovating farm tenant units but that consideration be given to obtaining funds for constructing low cost housing units to replace them.

APPROVED

Item 21. In order that Clemson may have an airport, it was recommended that the Administration seek the help of federal and state agencies in developing an acceptable site near Fant's Grove which is close to the college.

APPROVED
Item 22. It was recommended that the Administration be permitted to encourage all agencies concerned to urge the South Carolina Highway Department to develop by-passes for the traffic on Highways 123 and 76 (Greenville and Anderson) to relieve the congestion on the main part of the campus.

APPROVED.

Item 23. It was recommended that effective at the beginning of the second semester, the college be authorized to admit women students residing at their homes (parental, marital, or personal dwelling.)

APPROVED

Item 24. The 1954 amendments to the Social Security Act include provisions making public employees with retirement systems eligible for Old Age and Survivors' Insurance.

The new law will now permit public colleges and universities to be considered as a separate retirement system if the state desires. This makes it possible for the school's governing authorities and staff to decide themselves whether they should be included in the Federal Insurance coverage. However, individual institutions cannot accept coverage under Social Security until such time as Section 10 of the South Carolina Retirement Act is amended to permit such coverage.

Should the State Retirement Act be amended to permit individual institutions to accept Social Security coverage on a voluntary basis, a referendum would have to be held in which at least 90 days notice is given, and in which a majority of all eligible employees vote favorably.

If Clemson College should decide to accept coverage under Federal Social Security, every employee of the college would be required to participate in Social Security as well as the State Retirement System. This would mean that each employee would have to contribute from his pay 4% to the State Retirement Fund and 2% to the Social Security Fund. Also Clemson College would be required to contribute 2% of the salary of all employees to the Federal Social Security and this would amount to approximately $34,000 a year.

It is recommended that a committee be appointed to work with the faculty to make a thorough study of, and to determine whether or not Clemson College should seek coverage under the Federal Social Security Program.

APPROVED

Item 25. Deleted.

Item 26. It was requested that recommendations as to a college-owned book store be deferred until the forthcoming Business Administration Survey has been completed.

APPROVED

Item 27. The President recommended that the Board elect at this meeting the Board of Visitors which will come here in May 1955.

No Action

Agricultural Committee

Item 28. Several years ago the General Assembly appropriated $25,000 to the Truck Experiment Station at Charleston for the purpose of defraying its part of a water line from the St. Andrews Parish system. The money was paid into the County Treasurer's office to be paid to the City Commissioners and the St. Andrews Parish when the lines were completed. The United States Navy was a party to this three way agreement for extending water to its research laboratories. The original engineering for the lines contained provision for booster pumps. It now appears that these
booster pumps are unnecessary and as a result the parties to the agreement will receive refunds on the amount originally deposited. Dr. Barnes at the Truck Experiment Station has for several years been requesting funds for the completion of an underground water main for irrigation purposes. The President requested that any refunds coming from the City Commissioners and the St. Andrews Water Commission be applied to building and extending this irrigation system. He requested authority to ask the State Budget and Control Board for permission to use any refunds from this project for the purpose of expanding the irrigation system at the station.

APPROVED

Item 29. The President recommended the establishment of a project known as the "Wellman Research Project", Johnsonville.

The purpose of the project shall be the conduct of research, experimental and demonstration work in connection with the care, maintenance, breeding and raising of sheep in South Carolina and the production of high quality wool and lambs from such sheep. In its first phase this project would be directed principally toward the development of acclimatization of a flock of Polwarth sheep which we have an opportunity to obtain. Thereafter, it would be continued in successive phases by the acquisition and development of experimental flocks of Hampshires, or other mutton breeds, and westerns for experimental work in connection with cross breeding. Detailed plans would be subsequently developed by the School of Agriculture for the furtherance of these general purposes.

All sheep used in connection with the project shall be owned or controlled by the Clemson Agricultural College. No sheep shall be acquired or retained except for experimental and demonstration purposes. Any surplus animals and products belonging to the Wellman Research Project shall be disposed of and the proceeds of such sales deposited in a farm products account for re-expenditure in connection with the project. The project shall not be conducted for commercial profit.

Work in connection with this project shall be generally conducted at the Wellman Research Project, Johnsonville, South Carolina, but it may be supplemented by work with the S. C. Agricultural Experiment Station.

To the extent reasonably necessary in the development and establishment of U. S. Registry for the Polwarth breed, animals will be allocated and sent to other states for breeding purposes, but with that exception, all surplus animals will be allocated or disposed of, as the Clemson Agricultural College shall determine, within the State of South Carolina, in furtherance of the ultimate objectives of the project.

Data obtained in connection with the experimental work shall be published and disseminated in accordance with the general policies of the college and the general purposes of the project. Detailed financial operating and progress reports shall be submitted annually, or in our discretion, more frequently, to the principal sponsor of the project and to the Board of Trustees.

The college shall accept and apply contributions and donations to the project and apply those and other available and free funds to the project and in furtherance of its purposes.

APPROVED

Item 30. The President recommended that an additional $15,000 be added to the Budget Requests to be used for research on control of the pink boll worm of cotton.

APPROVED
Item 31. It was recommended that authority be granted the School of Agriculture to offer regularly numbered and approved courses for graduate credit at the branch Experiment Stations where adequate personnel and physical facilities can be provided.

APPROVED

Item 32. The President recommended:
(a) That the position of Superintendent at the Sandhill Experiment Station be declared vacant and that Mr. W. H. Rhodes be named Acting Superintendent.
(b) That J. A. Riley be given the title of Agronomist at the Sandhill Experiment Station without a reduction in his present salary.

APPROVED

Item 33. It was recommended that a Department of Forestry be established and that for the purposes of coordinating teaching, research and extension, a head be designated.

APPROVED

Item 34. The President recommended that the Chief Chemist be given legal authority to make a chemical analysis of the parts of animals suspected of being killed by poisons or other unknown causes. (This would give the college authority to cover cases involving either man or animals.)

This was at first given favorable consideration but approval was later withdrawn on advice of the college attorney.

DISAPPROVED

Item 35. It was recommended that all work in chemical analysis be directed by a qualified chemist who would be responsible for the program of analysis, the methods of procedure, and the report to the agency requesting the analytical work. These agencies are Fertilizer Inspection (fertilizers), State Crop Pest Commission (insecticides), and the Agricultural Experiment Station (all types of chemical analyses). (The above plan would in no way disturb chemical work done within a department where such work is under a qualified staff member.)

APPROVED

Item 36. It was recommended that the ruling pertaining to Fertilizer-Pesticide Mixtures promulgated on March 16, 1950 by the Fertilizer Board of Control and the State Crop Pest Commission be rescinded and that the following ruling be substituted therefor.

Ruling of the Fertilizer Board of Control and The Crop Pest Commission on Pesticide-Fertilizer Mixtures

By virtue of the power vested in the Fertilizer Board of Control by the laws of the State of South Carolina relating to commercial fertilizer, the ruling issued March 16, 1950 is rescinded and the following rule and regulation is hereby promulgated and issued:

That fertilizer manufacturers incorporating economic poisons in commercial fertilizer be required to attach a colored tag, minimum size 2 x 1 inches, to each and every package. The following information shall be shown on the colored tag:

1. The statement: Economic poison added.
2. Ingredient statement or guaranteed analysis of the economic poison formulation added.

(continued)
3. The statement: This commercial fertilizer contains ( ) pounds of technical ( )
number accepted common name
of economic poison per 100 pounds.
4. Directions for use.
5. Warning or caution statement.
6. Name and address of fertilizer manufacturer.

Registration

A copy of the tag must be filed with the South Carolina State Crop Pest Commission, Clemson, South Carolina.

Effective Date

All fertilizer manufacturers will comply with this ruling on or before July 1, 1955.

APPROVED

Mr. Hill was asked to present the proposed budget requests for 1955-56 and proceeded to do so.

Item 37. Moved by Mr. Cope and seconded by Mr. Leppard that the proposed Collegiate Activities budget request of $2,884,553.00, and $15,000.00 for Teaching and Research in Water and Sewerage be approved as presented.

APPROVED

Item 38. Moved by Mr. Daniel and seconded by Mr. Thornhill that the proposed Extension Service budget request of $1,033,854 be approved as presented.

APPROVED

Item 39. Moved by Mr. Thornhill and seconded by Mr. Sanders that the proposed Experiment Station budget request of $1,779,314.41; $76,369.00 for Fertilizer Inspection and Analysis; and $27,500.00 for permanent improvements, be approved as presented.

APPROVED

Item 40. Moved by Dr. Bernette and seconded by Mr. Douthit that the Livestock Sanitary Work proposed budget request of $241,262.00 be approved as presented.

APPROVED

Item 41. Mr. Daniel suggested the advisability of getting out a brochure on our building program and requested authority to work with Messrs. G. H. Hill and H. E. Glenn in getting up a brochure on the college building program to show cost and sources from where the money came.

APPROVED

Item 42. The Chairman called attention to the limitation as to number of members on the various committees as specified in the By-laws and need of increasing the number. He asked authority to work with Messrs. G. H. Hill and A. J. Brown to draw a resolution to amend the By-laws so as to increase the membership on committees where needed and that the same be hereby adopted.

APPROVED

Item 43. The Chairman stated that in view of the approved change in the By-laws, he was naming Mr. Winchester Smith to the Finance Committee and to the Agricultural Committee.

APPROVED
Item 44. The President asked for authority to develop a curriculum in Industrial and Business Management.

APPROVED

Item 45. The President asked for authority to develop a curriculum in Wild Life Management.

APPROVED

Item 46. The President asked for authority to discontinue the four year curriculum in architecture and maintain the five year course in architecture. This is in keeping with the recommendation of the Accrediting Board in Architecture.

APPROVED

Item 47. The attention of the Board was brought to the need of developing a curriculum in Physical Education and one in Home Economics.

The Board authorized further study in fields of Physical Education and Home Economics.

Item 48. There was some discussion regarding the tendency of the architects, engineers and contractor proceeding with desirable construction changes without due authority.

It was recommended that H. E. Glenn be directed to inform the architects and engineers and the contractors on the Dormitory Building Program and the Agricultural Building Program at Clemson College that no further additions or changes in the construction programs involving additional construction funds be made without the written permission of the Board of Trustees! Building Committee or the Clemson Sub-Committee on Buildings.

APPROVED

Item 49. The Director of the Livestock Sanitary Department had asked permission to entertain the members of the General Assembly while in session early next year at the new facilities of the Department at Pontiac.

APPROVED

Item 50. Mr. Cope obtained permission to make a few personal remarks. He congratulated Mr. Daniel for the wonderful work he has done for Clemson College and the State of South Carolina. He stated that the accomplishment at the college was over and above his fondest dreams and represented the composite thinking of many minds. He expressed heartfelt thanks and gratitude for what has been accomplished and stated, further, that he looked upon Charlie Daniel as a real genius in construction.

Item 51. The Secretary requested approval of the Minutes of the Meeting of June 18, 1954.

APPROVED

Item 52. Resolved that all measures and recommendations made at this the October 25, 1954 meeting, which according to the By-laws, requires a roll call vote of nine or more members, be hereby adopted and confirmed, that the Secretary obtain a letter vote from absent members, and that the Treasurer be authorized to issue his checks for all expenditures authorized at this meeting.

The resolution was unanimously adopted on roll call vote; 11 members present voting "aye".

Moved by Mr. Cope that the Board adjourn; 4:45 P. M.

APPROVED: R. M. Cooper, Chairman

CORRECT: A. J. Brown, Secretary