

At a meeting of the Executive Committee of State University, held at President Barker's office, September 23rd, 1915, there were present: Messrs. Stoll, Nicholls, Johnson, Brock and Edelen.

The minutes of the previous meeting were ordered corrected and then approved.

Doctor Mutchler came before the meeting and was heard. President Barker, Mr. Davies and W. T. Lafferty were directed to present a report at the next meeting of this committee, on the running of the University Dining-Hall for the past year.

The Dean of the College of Arts and Science asked for an additional appropriation of \$90.00 in his department, and Commandant Underwood asked for an appropriation of \$175.00 for band instruments, and the Dean of Civil Engineering asked for a transfer of \$100.00 from his budget account to the salary of Mr. D. V. Terrell. These three matters were, by unanimous vote, continued until the next meeting of this Committee.

The following reports of the President and the various Deans of the Colleges were then presented, read and ordered to be recorded, which are as follows:

TO THE EXECUTIVE COMMITTEE
State University,
Lexington, Kentucky

Gentlemen:

In making my report to you, this morning, it gives me pleasure to say that we opened the 1915-16 term of the University with an enrollment of twelve hundred (1200) students, which constitutes a very decided increase over the enrollment, at the same time, last year, and I feel sure that the end of the term will show our usual twenty percent annual increase over the preceding year.

You will take pleasure, I know, in learning that the new student body is up to the full standard of excellence; in fact, I do not believe that there ever has been, on this campus, a superior body of young men and women.

Everything is moving forward smoothly and auspiciously, and I see no reason to doubt that we will experience a most splendid educational year.

Yesterday, I received a letter from Professor Webb of the Physics Department, asking that a hundred dollars (\$100) of the fund heretofore allowed in the budget for a student assistant, be used to supplement the salary of Professor Killibrew, and gives his reasons therefor. The letter will be before you, and I most heartily endorse the recommendation contained in it.

I have also received from Lieutenant Arthur Underwood, our Commandant, a request that one hundred and seventy-five dollars (\$175.00) be appropriated for musical instruments and music

for the band. He assures me that he has a most abundant supply of musical talent among the freshmen and sophomores, and if he can get the proper instruments, he will be able to turn out a splendid military band of about thirty pieces. I need not point out to you the necessity of having a good band. In the latter part of the year, we will doubtless be called to Frankfort to participate in the inauguration of a new governor. We should be able to make a splendid showing at that time, but this cannot be done unless we have a first rate cadet band.

You will have before you the report of the various deans, which will contain such suggestions and requests as they desire to make.

I have, on my table, a claim of Mr. H.B. Rankin, a last year's student, who claims that he has not received all of his traveling expenses. He lives in the County of Wayne, about twenty miles from a railroad, and was forced to take an automobile to get to the train to reach Lexington. The round trip for the automobile was three dollars (\$3.00), but this has not been allowed him, Mr. Howel Davies, our auditor, feeling that the students should be limited to their railroad expenses. I do not agree with Mr. Davies in his construction of the law, and therefore, submit the question to you, who are mostly lawyers and better judges of the proper construction to be given the charter than I.

Very respectfully submitted,

(signed) H. S. Barker, President.

President Henry S. Barker,
State University of Kentucky.

Dear Sir:

I hand you herewith, the monthly report from the College of Mechanical and Electrical Engineering. All the class work began at the day set for the beginning of the fall term; namely Wednesday, September 5th.

The matriculated in the various classes are as follows:

Freshman.....	63
Sophomores.....	65
Juniors.....	28
Seniors.....	23
Post Graduates..	<u>22</u>
making a total of.....	201

There were only five of the freshmen who did not have the full fifteen units of credit and in these cases there was only one unit lacking. According to the rule of the institution, freshmen are admitted if they have thirteen credits, but those freshmen who took up mechanical and electrical engineering this year, are prepared in accordance with the standards of the older technical schools. With such a well prepared freshmen class, we will be able to give a training equal to the best technical schools.

We have extended the period of our shop work for two days of the week, from three-thirty to five-thirty P.M. there have been so many encroachments upon the shop periods we have found it necessary, to keep up the standards of our shop work, to add four more hours each week to the regular schedule.

On Wednesday of each week, at the fourth hour, we have introduced for the senior mechanical and electrical engineers, a special course of lectures in English which will be given by Dean Mackensie. Last year Dean Mackensie gave eight lectures to the seniors but this year, the lectures will extend throughout the year. We feel that every effort should be made to give the matriculate in the College of Mechanical and Electrical Engineering as much English training as possible.

Respectfully submitted,
(signed) F. Paul Anderson

Dean College of Mechanical
and Electrical Engineering.

Hon. Executive Committee,
State University
Lexington, Kentucky

Gentlemen:

In compliance with your recent order, I hereby submit from the College of Civil Engineering the following report:

Vacation.

The entire faculty of the College of Civil Engineering was employed during the vacation in Surveying, Constructing, or Inspecting State Aid Roads in various parts of the State.

As Division Engineer, I had charge of the work in the following counties: Adair, Cumberland, Casey, Barren, Monroe, Pulaski, Russell, Metcalfe and Green.

Professor Kerrell made all of the tests of Stone, Cement, Gravel and other materials used in State Aid Roads, and also assisted in looking after several counties in the central portion of the State.

Professor Carrel was employed in the Bridge Department of the State Highway Department at Frankfort.

During the summer, I have had occasion to travel over a good portion of the State and there is a growing desire to have the State Highway Department placed under the direction of the College of Civil and Highway Engineering at the State University. Of course I did not discourage this arrangement in the least for this was the original scheme.

Laboratories

The College of Civil Engineering now has well equipped laboratories for testing paving materials, stone, cement, asphalt and oils and hopes to be able to get equipment suitable for testing bridge materials in the near future.

Request

Professor D.V. Terrell was ordinarily entitled to a \$100.00 raise in salary this year. His raise was not granted and now I request that \$100.00 from the equipment fund from the budget of the College of Civil Engineering, be transferred to the salary fund, and Professor Terrell's salary be raised from \$1700.00 to \$1800.00.

Matriculates

The College of Civil Engineering has a slight increase in its matriculation this year, there being five or six more freshmen than usual, and several underclassmen from other institutions.

Fire Escapes

Our boys dormitories are in my opinion poorly equipped with fire escapes. We have been fortunate in the past, and I feel that all existing fire escapes should be tested, and provisions made for additional escapes. A good rope properly fastened in a student's room would answer the purpose.

Very respectfully submitted,

(Signed) Walter E. Rowe,
Dean College of Civil Engineering

To the Executive Committee:-

Gentlemen:

I submit the following brief report of the College of Arts and Science.

The total enrollment to date in the College is 314. This is 41 more than about the same time last year.

For comparison by classes I furnish the following tabular statement,

	1914	1915
Specials	23	20
Freshmen	102	115
Sophomores	51	79
Juniors	53	45
Seniors	<u>44</u>	<u>55</u>
Total	273	314

The mathematics and German Classes are quite congested at present, especially the latter. About 300 students are enrolled in the various classes in modern languages, most of which is German. We have found it impossible to provide for all of these in the regular sections, and have to provide two additional ones. For one of these I have loaned as teacher for one hour each day, my secretary, and for another hour we have had to place in charge an undergraduate of German parentage who speaks German fluently. Her name is Miss Marie Becker.

Professor Melcher hopes before the semester is over to be able to make such combinations as to render unnecessary one or two of these sections, but pending this arrangement, I

request that you authorize the retention of Miss Becker with the compensation fo \$10.00 per month.

Very respectfully,

(Signed) Arthur M. Miller
Dean, College of Arts and Science

To the President, and Executive Committee
of the State University,
Lexington, Kentucky.

Gentlemen:

I have the honor to submit the following report regarding the work of the college of Agriculture and the Experiment Station. The college of Agriculture opened very auspiciously on September 13th. In the college of Agriculture proper we have to date 243 students and in the College of Home Economics, 68. These are classified as follows:

College of Agriculture

Freshmen.....	60	
Sophomores.....	58	
Juniors.....	48	
Seniors.....	<u>26</u>	190
1st yr. Two yr. Course....	25	
2nd yr. " " " "	10	
Specials.....	<u>18</u>	<u>53</u>
		243
		243

Home Economics

Freshmen.....	29	
Sophomores.....	14	
Juniors.....	1..6	
Seniors.....	<u>6</u>	55
Short Course.....	6	
Specials.....	<u>7</u>	<u>13</u>
TOTAL.....	<u>68</u>	<u>68</u>

GRAND TOTAL..... 311

An increase of 24 students over last year at this date. We are now handling a greater number of students in the College of Agriculture and in the Department of Home Economics than we have adequate facilities for. Among this large number of students we have many capable and earnest young men and women who are obtaining an education here in the face of the greatest obstacles.

The work of the Experiment Station is progressing satisfactorily. Since my last annual report to the President of the date of May 18, 1915, we have published one annual report (1913), five bulletins, six circulars, ten press bulletins and four articles in scientific journals, embodying the results of Experiment Station work. We have in press one annual report

(1914), four circulars and three articles in scientific journals. Bulletin 191 especially has attracted a great deal of attention and has been the subject of much favorable comment on the part of progressive and up-to-date farmers throughout the State and Bulletin 193 is a valuable contribution to the chemistry of representative Kentucky soils. The following is a list of the title of these publications:

Bulletins

- No.
191 What the Kentucky Agricultural Experiment Station Teaches in regard to soil fertility. George Roberts, May 1915.
192. Carbonated Beverages. Allen, LaBach, Brown, Pinnell. July, 1915.
193. Soils of Kentucky. S.D. Averitt. July, 1915
194. Soils of Graves County. S. C. Jones. July, 1915
195. Soils of Franklin County. S. C. Jones. July, 1915.

Circulars - Experiment Station Series

- 33 Poultry Raising in Kentucky. J.J. Hooper & D.D. Slade.
35. Alfalfa. T. J. Bryant.
36 Poultry House Construction. D.D. Slade

Scientific Papers

- Complement Fixation in Hog Cholera. D.J. Healy and W. V. Smith. (Journ. Infectious Dis. Vol. 17, No. 1, July, 1915)
Some important Constituents in the ruit of the Orange. J. S. McHargus. (Journ. Indus. & Eng. Chem Vol. 7, No. 7, July 1915.)
The Amino-Acid Content of Certain Commercial Feeding Stuffs and other sources of Protein. E. W. Hollau. (Journ. Biological Chem. July, 1915.)
A prompt and Efficient Remedy for Clover Bloat. D. J. Healy and J. W. Hutter. (Breeders' Gazette, May, 1915)

In Press Annual report for 1914

Circulars - Experiment Station Series.

- No. 6 Inexpensive Appliances and Utensils for the Dairy. W. D. Nicholls.
No. 7 Blackhead in Turkeys. Graham and Himmelberger.
No. 8 A study of Stem Rot of Clover and Alfalfa as a cause of Clover Sickness. D.S. Myer and A. H. Gilbert.

Circulars - Extension Series.

- No. 34 Simple Cooking Recipes. Mary E. Sweeney.

Scientific Papers. The feeding of young chicks on grain mixtures of High and Low Lysine Content. C.D. Buckner, M.H. Hollau and J.H. Kastle.

To the President and Executive Committee -7

The Translocation of the Mineral Constituents of the

Needs of Certain Plants During Growth. G. D. Duckner.
On the Variation in the Composition of the Sap, Leaves
and stem of the Wild Grape vine (*Vitis Cordifolia*) and
Sugar Maple Tree (*Acer Saccharum*) O. M. Shedd.

Our work on clover bloat has met with a cordial reception among dairymen and stockmen all over the country. Shortly after the publication of our article on this subject in the Breeder's Gazette, it was republished in the Country Gentleman of the date of July 17, 1915, page 1174, in a series of short articles entitled "Live Items About Live Stock." By our method of handling clover bloat, five valuable cows in the Experiment Station herd have been saved during the past two seasons.

In addition to the regular work of the Experiment Station a number of the Experiment Station Staff have actively participated in the work of the State Fair and other agricultural fairs held throughout the State during the past summer and autumn, serving in the capacity of judges of live stock, fruit, dairy exhibits, etc., etc.

Respectfully submitted,

(signed) J. H. Kastle
Dean and Director

Dictated.

P.S. Since the above was written three freshmen students in the four-year course in agriculture are to be added to the above list of students making a total of 314 or an increase of 27.

I am sending you a couple of apples - the Stayman's Wine-sap from Hopkins County, which indicate better than words what is being accomplished for apple orcharding in Kentucky by the horticultural experts of the Experiment Station and Extension service. J.H. K.

The Executive Committee,
Board of Trustees, State University

Gentlemen:

In submitting the first monthly report of the Graduate School, it may be well to remind you that as a result of several years' effort on my part, the various deans of the undergraduate colleges of the State University unanimously recommended to President Barker that the time was ripe for the institution of a Graduate School, whose duty should be the encouragement and supervision of advanced work on the part of students who had already obtained the Bachelor's Degree at a reputable college or university. Accordingly in 1912, President Barker recommended to the Board of Trustees that a Graduate School should be established, and with their sanction I was honored with the Deanship and authorized to organize and upbuild this important phase of our university work.

With the loyal and efficient aid of the Graduate School Committee, much has been done during the last three years, and

with adequate financial and moral support this school is destined to become the crown of the University. The aim of the Graduate School is not to lead students along the beaten pathway of learning, but to encourage and direct pioneer work that shall constitute an original contribution to the world's knowledge.

Last year the enrollment of graduate students, resident and non-resident, was 56, an increase of more than thirty per cent as compared with the previous year, and increase proportionally greater than that of the University as a whole, and greater than that of any Graduate School in America. It is too early to submit the enrollment for the current collegiate year, but it is safe to predict a substantial increase over last year.

For the first time in the history of the University, Fellowships have been offered to a number of worthy graduate students, who devote part of their time to the teaching of undergraduates. The plan in its entirety, I outlined last winter to the Committee of Deans, who gave it their cordial support. The introduction of Fellowships is a gigantic step upward, because it saves money without impairing the efficiency of University teaching. It aids worthy young men and women in the pursuit of a Master's or Doctor's degree, and it links the Graduate School in an organic unity with the various undergraduates colleges.

In my next report I hope to have the privilege of submitting further suggestions for the betterment of the University in general, and the Graduate School in particular.

Very respectfully yours,

(signed) A. S. Mackensis.

Executive Committee of State University:

Gentlemen:

I beg leave to submit this as my September, 1915, report, as Dean of the College of Law.

Mr. R. B. Hurchcraft, Jr., who has been employed as instructor in law has assumed the duties of his position. We have not yet summed up the number of new students in this college, but we have fully as many as we had last year and the material is much better. The fact that we are requiring one year's work in the academic department, before graduation, of all students who are under the age of twenty-one years when they matriculate, has no doubt had some effect upon the number of immature students in this college. This rule we think is a wholesome one, for the reason that the student is better prepared for the law work by reason of its enforcement. This should be by far the best year in the history of our law school.

Respectfully submitted,

(signed) W. T. Lafferty.

Upon motion, the meeting then adjourned.