

# The College of Engineering

## New Percy H. Johnston Solar Laboratory Is Most Important Addition to University's Technical School; Interesting and Valuable Experiments Are Being Carried on by College Authorities

By Dean F. Paul Anderson

The College of Engineering is just now a very active colony on the campus of the University of Kentucky. During the present collegiate year over 600 students have matriculated in this particular college.

### Joseph Musselman Scholarship

Mrs. Susan Metcalfe Musselman has given a scholarship in memory of her deceased husband, Joseph Franklin Musselman, class of 1900. The following is a statement of the provisions of this scholarship:

"The junior eligible for this scholarship shall ship is established in memory of Joseph Franklin Musselman by his widow, Mrs. Susan Metcalfe Musselman.

"This scholarship of \$100 in gold is to be awarded annually to a student in the College of Engineering of the University of Kentucky at the completion of his junior year upon the recommendation of the Dean of the College of Engineering. The basis of award to be scholarship, character, and the need of financial assistance in defraying the expenses of the course in engineering at the University of Kentucky.

"The junior eligible for this scholarship shall be named by the dean of the College of Engineering and announced on Commencement Day following the completion of the junior year in engineering. The presentation of award shall be made at the beginning of the senior year when the winner reports to the University of Kentucky for the purpose of completing his college course in engineering.

"The first recommendation for the Joseph Musselman Scholarship shall be made at the June Commencement, 1930. The award will be made in September, 1930, when the winner returns to the University of Kentucky for the completion of his course in engineering."

### Environments of Science and Comfort

The most important material developments in connection with the College of Engineering during the last few months was the building of the Johnston Solar Laboratory and the conversion of Dicker Hall into a study hall and club room. The weekly engineering assemblies are now held in the beautiful new Memorial Hall. Dicker Hall

Study is a delightful and useful room. An open fireplace taking four-foot logs adds to the cheery atmosphere. The tables consist of tops made from sections of the old sycamore tree on the Richmond road, over which there was so much local controversy. These tree sections are mounted on substantial and artistic wrought iron stands made in the University shops.

### A Laboratory of New Approaches

Dr. E. V. Hill, the eminent scientific and health authority of Chicago, has this to say about the Kentucky 'Laboratory of Life and Light' after a recent visit to the University for the purpose of inspecting the Johnston Solar Laboratory:

"Here is an interesting phenomenon," remarked the Dean as he stroked the head of a little Capuchin monkey that lay basking in the light from the big ultra-violet lamp over his head.

We were seated in the Recording Room of the new Percy H. Johnston Solar Laboratory at the University of Kentucky, and Dean F. Paul Anderson, the director, was discussing the design, construction, and possibilities of this new development at the institution.

"When I bring this little lady into the Laboratory," he continued, "she immediately seeks a comfortable spot directly beneath one of the ultra-violet lamps. It seems that nature has endowed this small animal with an unfailing instinct to select and enjoy the best environment conditions for its own well-being. But even here we have an interesting study. Will this monkey stay in the light the proper length of time for the best physiological results, seeking the shade before obtaining an overdose, or will she stay in the potent rays too long, to her own ultimate harm? How about it, Jo-Jo? Will your inherited instincts prove a safe guide?"

"This is one of the many problems we hope to solve in the Solar Laboratory."

An intensely interesting, and an almost unlimited field of research, I remarked.

The Laboratory is an eight-room, steel-constructed addition to the present engineering group of buildings. It is provided with a glass roof. The rooms are completely air conditioned throughout, and provided also with large quartz