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- McGill, J. T. 1917. Ferns found in the vicinity of Sewanee [Tennessee.] *Trans. Tenn. Acad. Sci.*, 2:66-68.
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NEWS OF TENNESSEE SCIENCE

The Bausch and Lomb Optical Company has released a twenty minute movie in color and sound on "The Compound Microscope" for use by colleges, hospitals and medical schools. A 48 page student manual accompanies the film as an aid to the student in understanding and using a microscope. The film may be obtained without charge by writing the Film Distribution Service, Bausch & Lomb Optical Company, Rochester 2, N. Y.

The General Electric Company will award fifty all expense fellowships to high school physics teachers of Tennessee and eleven other states for a six weeks program of study at Case Institute of Technology, June 20 to July 30, 1954. The fellowships will provide funds to cover travelling expenses to and from Cleveland, living expenses while on the Case campus, books, tuition and fees. Three courses will be offered, designed to provide teachers a review of recent developments in the physical sciences and a greater emphasis on the fundamental concepts of physics. Application forms may be obtained from Dean Elmer Hutchisson, Case Institute of Technology, 10900 Euclid Avenue, Cleveland 6, Ohio.

Dr. Robert M. Boarts has been given a one year leave of absence by the University of Tennessee to take part in the DuPont Company's "year in industry" program for engineering educators. He will visit all of the company's engineering organizations and study their operating phases during his twelve month leave.

Dr. Lee Lorch, professor of Mathematics at Fisk University, has received a grant of \$1100 from the Research Corporation in support of his continuing research program at the University.

Dr. Douglas A. Ross, M. D., Harvard University, has been appointed assistant professor of physiology at the University of Tennessee Medical Units in Memphis.

Dr. Conley Hall Sanford, 60, for many years chief of the Division of Medicine at the University of Tennessee College of Medicine, died November 16, 1953.

RECENT PUBLICATIONS BY TENNESSEE SCIENTISTS

- Atwood, K. C., and Frank Mukai (ORNL). 1953. Indispensable gene functions in neurospora. *Proc. Natnl. Acad. Sci. U. S.*, 39:1027.
- Baker, William K., and Elizabeth Von Halle (ORNL). 1954. The production of dominant lethals in *Drosophila* by fast neutrons from cyclotron irradiation and nuclear detonations. *Science*, 119:46-49.

(Continued on page 106)