



Dr. Frances Rucker

Assistant Professor of Biomedical Sciences and Disease at New England College of Optometry Dr. Frances Rucker has been awarded a five-year grant totaling more than \$1.5 million from the National Eye Institute of the National Institutes of Health in support of her research project “cone sensitivity to temporal changes in color and luminance and the development of myopia.” The grant will support research on the signals for eye growth in relation to color and luminance visual stimulation.

Dr. Rucker has been studying the environmental signals that drive myopia in an effort to identify modifications that can be made in the environment to control the development of myopia and eventually lead to a treatment. In addition to her research, Dr. Rucker teaches classes such as Human Anatomy, Ocular Physiology and Anatomy and Physiology, and she mentors master’s students.