



# Retina Foundation

Leading Research... Saving Sight

## POSTDOCTORAL FELLOWSHIP

A postdoctoral position is available in the Vision and Neurodevelopment Laboratory at the Retina Foundation of the Southwest, under the direction of Krista Kelly, Ph.D. Research is focused on the functional consequences of pediatric eye conditions, including strabismus, anisometropia, cataract, and amblyopia (lazy eye). A brief overview of current research is provided in this video <https://youtu.be/aAy9ZITyw6M>. The successful candidate will work under the supervision of Dr. Kelly and will be involved in projects studying the effects of these eye conditions on eye movements, reading speed, motor skills (i.e., manual dexterity, balance, walking), and eye-hand coordination in children. Equipment used to record eye movements and hand movements include the EyeLink 1000 binocular eye tracker and Leap Motion Controller. We are collaborating with researchers at the University of Waterloo in Ontario and SUNY in New York, and with a strong group of pediatric ophthalmologists in the Dallas-Fort Worth area.

The fellow is expected to assume a lead role in one or two of these NIH funded projects and to develop projects of their own in the general theme of the lab with the mentorship of Dr. Kelly. Ideal candidates will have a PhD in Vision Science, Psychology, Neuroscience, or a closely related field with research experience documented in peer-reviewed articles and conference presentations. Funding is available for up to 3 years and salary is based on NIH postdoctoral fellowship stipend guidelines found here <https://grants.nih.gov/grants/guide/notice-files/NOT-OD-20-070.html>. Postdoctoral fellows are provided medical and dental insurance, life insurance, and paid annual vacation leave. Travel funds are provided to attend professional meetings. No travel funds are available for relocation to Dallas.

The Retina Foundation of the Southwest is a leading nonprofit eye research institute dedicated to preventing vision loss and restoring sight through innovative research. Established in 1975, the Retina Foundation currently operates a facility of five laboratories with three core research areas of pediatric vision, inherited eye diseases, and age-related macular degeneration. Each year, approximately 2,500 patients, ranging from infants to seniors, participate in research studies and clinical trials at the Retina Foundation of the Southwest. The research environment at the Foundation, and the University of Texas Southwestern Medical Center where Dr. Kelly is adjunct faculty, provides many opportunities for developing a broader knowledge of ophthalmology and vision research.

Please send applications including cover letter with a statement of research interests, CV, and names of two references to [kkelly@rfsw.org](mailto:kkelly@rfsw.org). Applications will be considered until the position is filled.