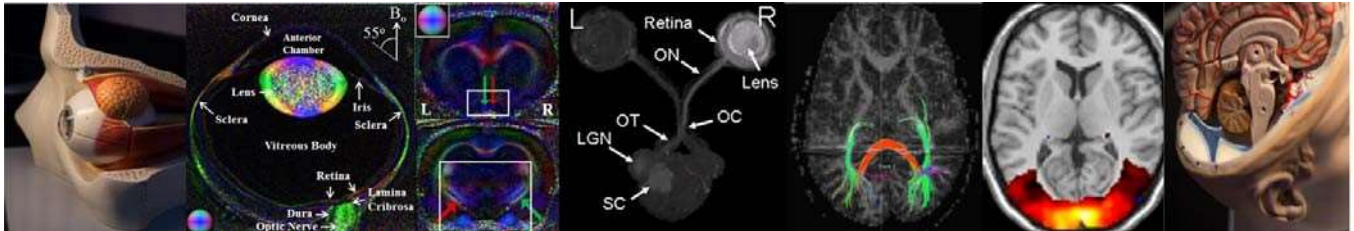


Postdoctoral Position in MRI of the Visual System in Health and Disease
Stanford University School of Medicine, Palo Alto, CA, USA



The Neuroimaging and Visual Science Laboratory at the Stanford University School of Medicine is seeking candidates for a Postdoctoral Fellow position to perform MRI research of the visual system for guiding vision preservation and restoration. This person is expected to continue the Lab's ongoing research projects in one or more of the following areas:

- (1) Glaucoma Neuroimaging and Neuroprotection in Humans and Experimental Animal Models;
- (2) The Neural Basis of Sensory Substitution in the Blind;
- (3) Ocular Structures and Physiology;
- (4) MR Engineering and Methods Development for the Visual System.

MRI experiments will mainly be conducted at research centers at the Department of Radiology in collaborations with basic and clinician scientists across Ophthalmology, Radiology, Neurology, Psychiatry, and Neurosciences at Stanford Medicine. These centers house multiple human MRI research scanners operating at 1.5, 3, and 7T field strengths, as well as small-bore systems for specimen and animal studies at 7T and 11.7T.

Candidates should have a Ph.D. in Biomedical Imaging, Neurobiology, Bioengineering, Medical Physics, or related areas, be highly motivated and self-driven, and have excellent communication (verbal and written) and interpersonal skills. Experience in MR research is essential. Candidates with preclinical MR neuroimaging research background are particularly encouraged to apply. The appointment will be for a 1- or 2-year period, beginning as soon as possible.

For questions about this position, please contact Kevin C. Chan, Ph.D., Associate Professor of Ophthalmology at kevinchan@stanford.edu. To apply, please include a cover letter, CV and contact info of three references. A brief profile of the Laboratory can be found at <https://www.nivs-lab.org/>.