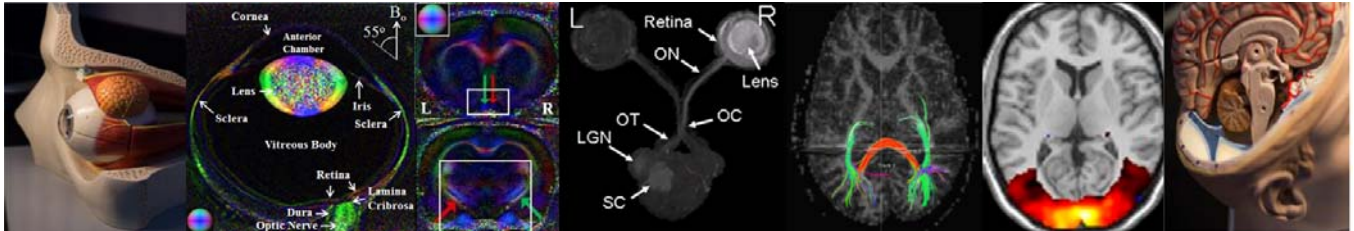**New York University School of Medicine**

Postdoctoral Position in MRI of the Visual System in Health and Disease
New York University School of Medicine, New York, NY, USA

The Neuroimaging and Visual Science Laboratory at the New York 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 the Center for Biomedical Imaging in collaborations with basic and clinician scientists at the Departments of Ophthalmology, Radiology, Neurology and Neuroscience & Physiology at New York University. The Center for Biomedical Imaging houses multiple whole-body MRI research scanners operating at 1.5, 3 and 7T field strengths, including a Prisma and a 3T MR-PET scanner, as well as small-bore systems for specimen and animal studies at 7T.

Candidates should have a Ph.D. in Biomedical Imaging, Physics, Neurobiology, Bioengineering 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. The appointment will be for a 2 or 3 year period, beginning as soon as possible.

For questions about this position, please contact Kevin C. Chan, Ph.D., Assistant Professor of Ophthalmology and Radiology at Kevin.Chan2@nyumc.org. To apply, please include a cover letter, CV and contact info of three references. A brief profile of the Laboratory can be found at http://www.med.nyu.edu/ophthalmology/research.