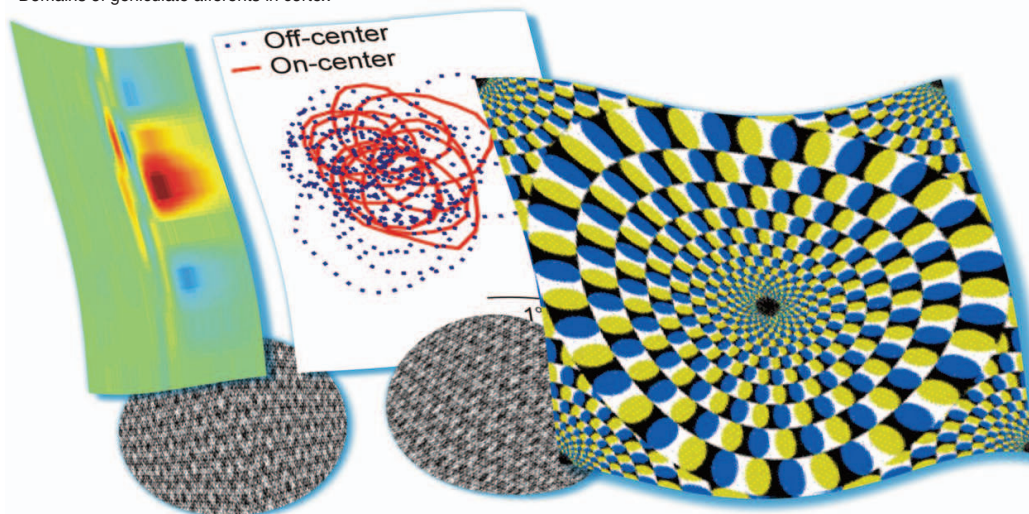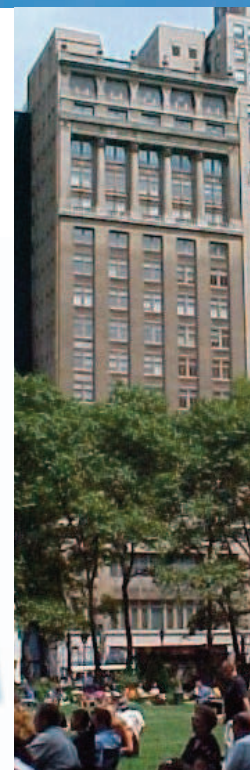# Ph.D. in Vision Science

Among the architectural landmarks overlooking Manhattan's Bryant Park is the State University of New York, College of Optometry. This 19-story campus houses not only SUNY's renowned clinical facilities, but also its outstanding research labs that are investigating the human visual system at all levels—clinical, experimental, and theoretical/computational.

Domains of geniculate afferents in cortex

Off-center
On-center

3-D Shape Inconstancy

Explaining Kitaoka's Rotating Snakes (c)

This year, thanks to system-wide initiatives at SUNY, training in the graduate program has been given a new look. Fellowships at $30,000/year will be offered to select students starting July 1, 2008. Faculty have recently been hired in areas from cell-signaling to perception and action, and there are firm plans to hire additional basic and clinical scientists to extend further coverage of the visual sciences. The graduate curriculum is undergoing complete revision in order to prepare Ph.D.s to do research as faculty in departments of Neuroscience, Psychology, Biology, Cognitive Science, Optometry, Medicine, or in industry. The new curriculum provides a flexible way for talented students to focus on their research while receiving maximum support from SUNY's diverse community of outstanding scientists. Students receive **foundational training in visual neuroscience, perception and psychophysics, ocular physiology and anatomy, and computational theory**, plus expert instruction in such practical matters as how to write scientific papers, how to get a grant, and how to land a job.

Watch for our new website to debut this spring. For more information, visit the current website http://www.sunyopt.edu/academics/grad.shtml or email jfeldman@sunyopt.edu, or get in touch directly with faculty members whose research is of interest to you. Applicants who are interested in doing research on any aspect of vision and have strong backgrounds in any of the following areas are encouraged to apply: physics, neuroscience, engineering, biology, cognition, computer science, chemistry, psychology, mathematics, or the health sciences.

Take a look at SUNY Vision Science!