

## Keck School of Medicine: Ophthalmology

My research program is focused on the intractable problem of optic nerve regeneration. In order to restore vision in patients who are blinded by optic neuropathies like glaucoma, we need to regenerate their optic nerve. I am taking an innovative approach to this problem and investigating the role of electrical fields in promoting neuronal axon growth. I work with human embryonic stem cells and perform both in vitro and in vivo work. I am a perfect lab for someone who has interest in eye diseases, stem cells and experience working with cell culture and animal surgeries.

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