

# Center for Vision Science Research Symposium

Friday, January 6, 2017

Genome and Biomedical Sciences Facility

Auditorium (Room 1005)

8:00 - 8:30	Catered Breakfast, GBSF Lobby
8:30 - 8:45	Center for Vision Science Update - <b>Paul FitzGerald, PhD</b> , Director, Center for Vision Science

## Retiring Vision Science Faculty Tribute: Larry Hjelmeland

8:45 - 8:50	Introduction
8:50 - 9:20	<i>"Impaired Nrf2 and Wnt signaling in a new rodent model of geographic atrophy"</i> <b>James Handa, MD</b> , Robert Bond Welch Professor, Professor of Ophthalmology, Wilmer Eye Institute, Johns Hopkins School of Medicine
9:20 - 9:50	<i>"In vivo OCT-based retinal microanatomy to guide diagnosis and therapies"</i> <b>Cynthia Toth, MD</b> , Professor of Ophthalmology, Joseph A.C. Wadsworth Professor of Ophthalmology, Professor of Biomedical Engineering, Duke Eye Center, Duke University
9:50 - 10:05	Coffee Break

## Campus Speakers

10:05 - 10:50	<i>"Cortical plasticity within and across lifetimes"</i> <b>Leah Krubitzer, PhD</b> , Professor, Department of Psychology, UC Davis
10:50 - 11:35	<i>"Mitochondrial defects, optic neuropathy and screening for therapeutics"</i> <b>Gino Cortopassi, PhD</b> , Professor, Department of Molecular Biosciences, UC Davis School of Veterinary Medicine
11:35 - 1:00	Catered Lunch, GBSF Lobby
1:00 - 1:30	<i>"Converging Evidence for Suppression of Salient Visual Stimuli"</i> <b>Nick Gaspelin, PhD</b> , Postdoctoral Scholar, Center for Mind and Brain, Laboratory of Steve Luck, UC Davis
1:30 - 2:00	<i>"Contrast-dependent synchrony in the retinogeniculate circuit"</i> <b>Prescott Alexander</b> , Neuroscience Graduate Group, Laboratory of Martin Usrey, UC Davis
2:00 - 2:45	<i>"Clearing debris from the optic nerve"</i> <b>Nick Marsh-Armstrong, PhD</b> , Professor, Department of Ophthalmology and Vision Science, UC Davis School of Medicine
2:45 - 3:15	<i>"Optical coherence tomography angiography of the human retinal and choroidal vasculature"</i> <b>Justin Vincent Migacz</b> , Biomedical Engineering Graduate Group, Laboratory of John Werner, UC Davis
3:15 - 3:30	Coffee Break

## The John Keltner, MD Lectureship in Ophthalmology

3:30 - 5:00	Introduction - <b>Mark Mannis, MD</b> , Professor and Chair, Dept of Ophthalmology and Vision Science, UC Davis School of Medicine  <i>"From Biomechanics to Proteomics - Toward the Mechanisms of Axonal Insult in Glaucoma"</i> <b>Claude Burgoyne, MD</b> , Glaucoma Clinician and Surgeon, Senior Scientist and Van Bushkirk Chair of Ophthalmic Research, Director, Optic Nerve Head Research Laboratory, Devers Eye Institute, Portland, Oregon; Clinical Professor of Ophthalmology, Oregon Health Sciences University
5:00 - 6:00	Reception, GBSF Lobby