

UCDAVIS *Center for Vision Science*



2013 Vision Research Symposium

Friday, January 4, 2013

Valley Hall, UCD School of Veterinary Medicine

Vision Research Symposium: Titles

January 4, 2013

Valley Hall U.C. Davis

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| 8:30-9:00 | Poster Setup, and Breakfast |
| 9:00-9:10 | Welcome, CVS and UCD Vision Research Updates |
| 9:10-11:00 | New UC Davis Vision Research Faculty Presentations |
| 9:15-9:45 | Nadean Brown, PhD Cell Biology and Human Anatomy <i>Regulation of mouse prenatal retinal neuron formation</i> |
| 9:45-10:15 | Tom Glaser, MD, PhD Cell Biology and Anatomy <i>New retinoid pathway defects in human congenital eye disease</i> |
| 10:15-10:30 | Coffee Break |
| 10:30-11:00 | Joy Geng, PhD Psychology <i>Attentional control of distracter processing</i> |
| 11:00-12:00 | Vision Science Trainees Presentations |
| 11:00-11:25 | Adam Goldring, Krubitzer Lab <i>Reversible Deactivation of the Posterior Parietal Cortex in Rhesus Macaques</i> |
| 11:30-11:55 | Tyler Stradleigh, Ishida Lab (TBD) |
| 12:00-1:00 | Catered Lunch, Posters |
| 1:00-4:00 | Faculty Presentations |
| 1:00-1:50 | Steve Luck, PhD, center for Mind and Brain <i>View from the top: How attention and memory interact with visual inputs and oculomotor control</i> |
| 1:50-2:40 | Ken Britten, PhD <i>How do we know where we're going?</i> <i>Neural underpinnings of perception and control of self-motion</i> |
| 2:40-3:10 | Coffee Break/Posters |
| 3:10-4:00 | Marty Usrey, PhD <i>Dynamic Properties of Neural Circuits for Vision</i> |
| 4:00-5:30 | <div><p><i>The John Keltner, MD Lectureship in Ophthalmology</i></p><p><i>"Of Mice and Monkeys: A Journey into the Visual System"</i></p><p><i>Ed Callaway, PhD</i></p><p>Audrey Geisel Chair in Biomedical Science, Salk Inst.</p></div> |
| 5:15-6:00 | Reception, Valley Hall Lobby |

The Department of Ophthalmology and Vision Science is pleased to present:

JOHN L. KELTNER, M.D. Lectureship in Ophthalmology and Vision Science

John Keltner, a native of Akron Ohio, received the B.A. from Ohio Wesleyan University in 1961. He was awarded the M.D. from Case Western Reserve University Medical School in 1965, and conducted an internship at New York Hospital, Cornell Medical Center. From 1967-1969 he served in the United States Army as a Major in the Medical Corps. He completed a residency in Neurology at Bowman Gray Medical School, then a residency in Ophthalmology and a Research Fellowship in Neuro-Ophthalmology at Washington University. After a Fellowship in Pediatric Ophthalmology at Children's Hospital, in Washington, D.C., Dr. Keltner joined the faculty at Yale University School of Medicine as Assistant Professor of Ophthalmology, and Section Chief, Neuro-Ophthalmology and Pediatric Ophthalmology.

In 1976 Dr. Keltner joined the faculty at UC Davis School of Medicine as Assistant Professor of Ophthalmology, Neurology and Neurological Surgery. He was appointed Chair of the Dept. of Ophthalmology in 1978, a position he held until 2003. He currently serves as the Director of Research for the Dept. of Ophthalmology and Vision Science at the UC Davis School of Medicine.

Dr. Keltner is an author on almost 200 research publications, in addition to contributions to the literature as a member of the Study Groups in Optic Neuritis Treatment, Ocular Hypertension, and the Pediatric Eye Disease Investigative Group. His work has been supported by several private foundations, and more than 30 years of funding from the National Eye Institute.

Dr. Keltner was a co-founder of the Vision Science Research Group at UC Davis, which has grown into the Center for Visual Science. His limitless energy and enthusiasm have helped shepherd Vision Research at UCD into one of the strongest Vision Science Research Centers in the nation, now consisting of almost 50 faculty.

In 2012, Dr. Keltner's lifetime of achievements as a University of California faculty member was recognized by his appointment as Distinguished Professor of Ophthalmology.