

**Center for Vision Science
Annual Symposium
January 5, 2024
Genome and Biomedical Sciences Facility Auditorium**

8 - 8:35 **Breakfast; GBSF Lobby**

8:35 - 8:50 Center for Vision Sciences Welcome and Updates
Welcome: Paul Sieving, CVS Director
T32 Training Grant : Marie Burns
NEI Core Facilities Grant: Marty Usrey

8:55 - 10:05 **Center for Vision Science Lecture**
Speaker Introduction: Dr. Glenn Yiu
Dr. Maria Grant
"Systemic contributions to ocular pathology: Meta-inflammation in the pathogenesis of diabetic retinopathy"

10:10 - 10:30 **Dr. Soohyun Kim**
"Metallic engineered nanomaterials and ocular toxicity"

10:35 - 10:50 **Coffee Break and Poster Session; GBSF Lobby**

10:53 - 11:13 **Jack Werner**
"Adaptation to spectrally-selective filters in anomalous color vision"

11:15 - 11:30 **Alan Lu**
"Encounters with semantic violations do not interfere with immediately subsequent scene-viewing behavior"

11:33 - 11:48 **Erin Hisey**
"Biophysical behaviors of meibum from mice with meibomian gland dysfunction"

11:50 - 12:55 **Lunch and Poster Session; GBSF Lobby**

1 - 1:20 **Ala Moshiri**
"AAV-mediated gene therapy for PDE6C achromatopsia: progress and challenges"

1:25 - 1:45 **Ravi Jonnal**
"Clinical optoretinography for disease applications"

1:50 - 2:05 **Brian Le**
"Reducing sialylation enhances electrotaxis of corneal epithelial cells"

2:07 - 2:22 **John Nadra**
"Does volitional attention operate the same across domains? An investigation of willed attention to color"

2:25 - 2:40 **Coffee Break; GBSF Lobby**

2:40 - 2:45 Poster winner announcement

Data Blitz **5 Slides, 7 Minute Talks, 3 Minute Discussions**

2:45 - 2:54 **Brian Leonard**
"Need Title"

3:55 - 3:04 **Nick Marsh-Armstrong**
"Live imaging optic nerve degeneration and regeneration"

3:05 - 3:14 **Lauren Charnock**
"Photodynamic therapy applications in veterinary ophthalmology"

3:15 - 3:24 **Gary Novack**
"What does a first in human clinical study look like?"

3:25 - 3:34 **Anna La Torre**
"Novel models of retinal ganglion cell degeneration"

3:40 - 3:55 **CVS Legacy Award**
Introduction by Dr. Ed Pugh

3:55 - 5 **John Keltner, M.D., Ph.D. Lecturership**
Introduction of Lectureship: Mark Mannis, M.D., FACS
Speaker Introduction: Dr. Robert Zawadzki
Dr. David Huang
"Ocular Coherence Tomography: From conception to current frontiers."

5 - 6 p.m. **Reception, GBSF Lobby**