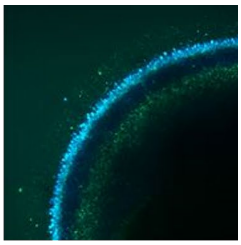
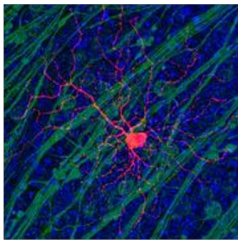
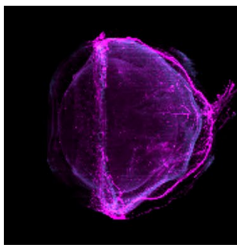
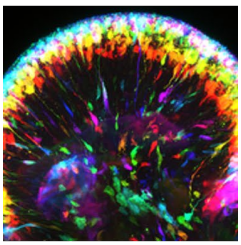
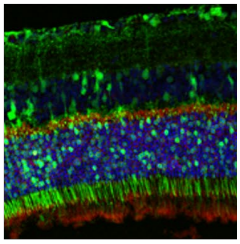
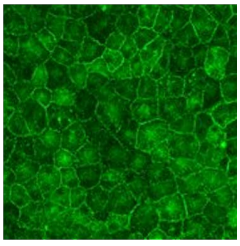
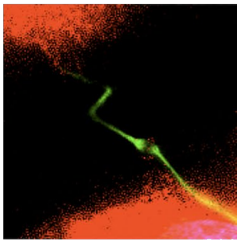
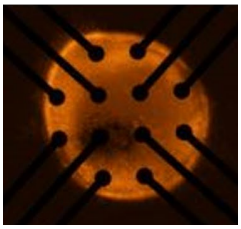
McPherson Eye Research Institute Seminar Series

UNIVERSITY OF WISCONSIN–MADISON

MONROE & SANDRA TROUT
Director's Fund for Vision Research
SUPPORTED BY A
TROUT FAMILY ENDOWMENT

Fall Semester 2024
12:00 to 1:00 PM
2nd Tuesdays

TUESDAY, SEPTEMBER 10, 2024 – 3571 WIMR II

Jacob Khoussine, PhD student (Cellular and Molecular Biology and Medical Scientist Training Program, UW–Madison)

Mechanisms of retinal output dysfunction in congenital stationary night blindness

John Zhu, PhD Student (Neuroscience Training Program, UW–Madison)

Distinct effects of electrical microstimulation in macaque areas MT and FST on 3D motion perception

TUESDAY, OCTOBER 8, 2024 – 1360 BIOTECH

Michele Salzman, PhD Student (Comparative Biomedical Sciences; Surgical Sciences, UW–Madison)

Age associations and retinal structure-function relationships in companion dogs

Michael Landowski, PhD, Postdoctoral Researcher (Medical Genetics, UW–Madison)

Keeping an Eye on Lipids: Insights into Retinal Lipid Metabolism from Studies on TMEM135

TUESDAY, NOVEMBER 12, 2024 – 3571 WIMR II

Special Seminar: Three 15-minute research talks by our Kenzi Valentyn Award Recipients

Mason Shipley, PhD Student (Ophthalmology & Visual Sciences, UW–Madison)

The LAT Enhancer of HSV-1 is Required for Anterograde Transport Gene Expression During Reactivation

Praveen Susaimanickam, PhD, Postdoctoral Researcher (Waisman Center, UW–Madison)

Defining the molecular signature of red/green cone photoreceptor precursors using a novel human pluripotent stem cell cone-rod reporter line

Serena Wisner, PhD student (Neuroscience Training Program, UW–Madison)

Role of photoreceptor input for synapse formation across inner retinal neurons

TUESDAY, DECEMBER 10, 2024 – 1360 BIOTECH

Meha Kabra, PhD, Scientist I (Pediatrics, UW–Madison)

Nonviral base editing of KCNJ13 mutation preserves vision in a model of inherited retinal channelopathy

Bilge Mutlu, PhD, Professor (Computer Sciences; Psychology; Industrial Engineering, UW–Madison)

Enabling People with Visual Impairments to Experience the World through Embodied AI