



**McPherson
Eye Research Institute Seminar Series**

UNIVERSITY OF WISCONSIN-MADISON

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

**Spring Semester 2020
12:00 to 1:00 PM
2nd Tuesdays**

Tuesday, January 14, 2020 – **Genetics/Biotechnology Center room 1360**

Strategies to model and prevent age-related macular degeneration across the life span

Ronald Gangnon, PhD (Biostatistics & Medical Informatics)

Using multistate models to gain insights into the natural history of age-related macular degeneration in the Beaver Dam Eye Study

Thomas Lawler, PhD Trainee (Mares Lab, Ophthalmology and Visual Sciences)

2018 *Kenzi Valentyn Vision Research Trainee Grant* recipient

Early life exposure to macular carotenoids and long-term accumulation of macular pigment in middle-aged adults

Tuesday, February 11, 2020 – **WIMR II conference room 3571**

The Joy of Learning . . . and Sharing

Bassam Shakhshiri, PhD (Chemistry)

Connecting Science and Society

Rodney Schreiner, PhD (Chemistry, Emeritus)

Creativity Links Art and Science

Tuesday, March 10, 2020 – **Genetics/Biotechnology Center room 1360**

Autism Spectrum Disorders – Bridging behavioral and neuronal approaches to understanding individual differences

Ari Rosenberg, PhD (Neuroscience)

Stratification of ASD based on contextual learning

Xinyu Zhao, PhD (Neuroscience; Waisman Center)

Stem cell modeling of genetic ASD

Tuesday, April 14, 2020 – **WIMR II conference room 3571**

Stem Cell-derived Photoreceptors to Study Development and Therapeutics

Sushmita Roy, PhD (Biostatistics & Medical Informatics; Wisconsin Institute for Discovery)

Deciphering transcriptional regulatory programs of cell identity in human retinal organoids

Allison Ludwig, PhD Trainee (Gamm Lab, Ophthalmology and Visual Sciences)

Preclinical progress toward photoreceptor replacement for retinal degenerative diseases

Tuesday, May 12, 2020 – **WIMR II conference room 3571**

Walsh Research Travel Award Recipients, Spring 2019

Melissa Schoenlein, PhD Trainee (Karen Schloss Lab, Psychology)

Building Color-Concept Association Distributions from Statistical Learning

Yong-Seuk Song, PhD Trainee (Nader Sheibani Lab, Ophthalmology and Visual Sciences)

Vitamin D receptor and regulation of angiogenic and inflammatory properties of retinal endothelial cells

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