



WashU Medicine

JOHN F. HARDESTY, MD DEPARTMENT OF OPHTHALMOLOGY & VISUAL SCIENCES

PRESENTER LIST



ARVO 2026 Annual Meeting

DENVER, COLORADO | MAY 3 - 7

SATURDAY | May 2, 2026



PHIL WILLIAMS, PHD

Visualizing retinal ganglion cell metabolism in live mice in health and degeneration

All Day Poster Mile High Foyer

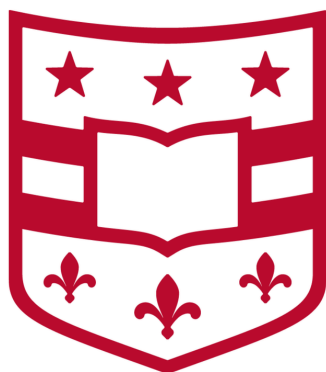
SUNDAY | May 3, 2026



PHIL RUZYCKI, PHD

Loss of variant histone H3.3 from retinal progenitors blocks post mitotic enhancer remodeling and acquisition of cell fate

1:45 PM Paper Mile High 4A



LUKE REILLY

Age-related macular degeneration severity and risk of Alzheimer's disease in older adults in a prospective, community-based cohort study.

2:30 PM Paper Mile High 2A/3A



SHARON SABAPATHYPILLAI, MD, MS

On-Road Evaluation of Adults with Open Angle Glaucoma Design: Cross-sectional observational study

3:15 PM Paper 403

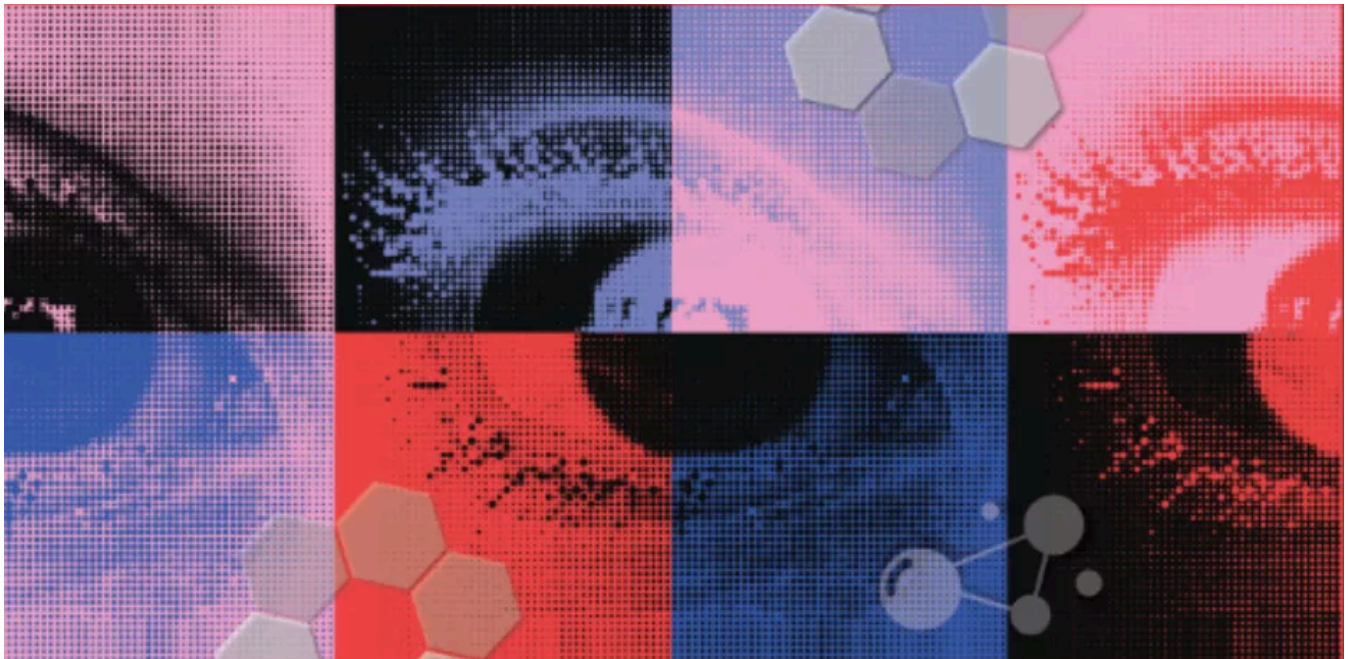


CHI SUN, PHD

The correlation of early-age cone degeneration with retinal vascular atrophy in murine models of retinitis pigmentosa

3:15-5:00 Poster

Exhibit Hall



MONDAY | May 4, 2026



MAYA HOLMAN

CRX's Regulatory Functions in Rod Differentiation and Photoreceptor Survival

11:15-1:00 Poster

Exhibit Hall

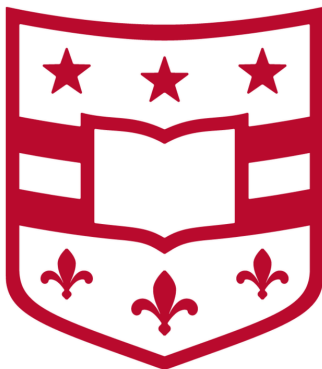


BRIAN CLARK, PHD

Differential requirement of DNA demethylation for retinal cell fate specification and chromatin architecture

11:15-1:00 Poster

Exhibit Hall



CHIN I LIN

Inhibition shapes dendritic integration and feature selectivity in the retina

11:15-1:00 Poster

Exhibit Hall



ISABELLA GOMES

Incidence and Management of Ocular Hypertension Following 0.18 mg Fluocinolone Acetonide Implants: Real-World Evidence in Noninfectious Uveitic Macular Edema

11:15-1:00 Poster

Exhibit Hall

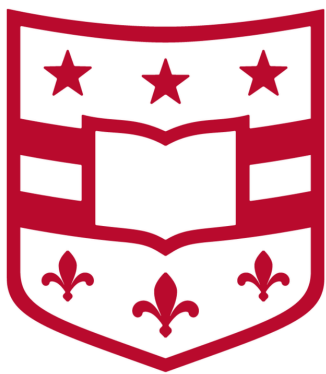


YU (YULIE) JIANG, PHD

Photopic-Mesopic Gaps in Visual Function Across Eye Diseases

3:00-4:45 Poster

Exhibit Hall

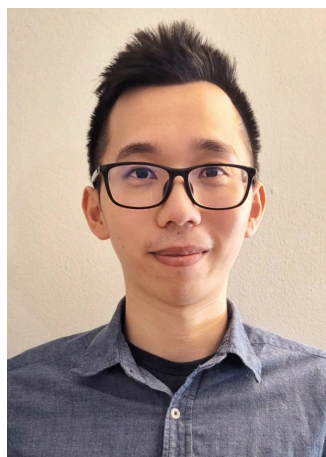


ADITYA SANTOKI

Predictors of Attrition among Patients Receiving Complement Inhibitor Intravitreal Therapy for Geographic Atrophy

4:00 Poster

Bluebird Ballroom 1B



CHIN I LIN

Time to Foveal Involvement in Geographic Atrophy using a Vector Field Approach

11:15-1:00 Poster

Exhibit Hall

TUESDAY | May 5, 2026



MAHSA BANK TAVAKOLI, PHD

Time to Foveal Involvement in Geographic Atrophy using a Vector Field Approach

9:00

Paper

Mile High 2C/3C



RAJENDRA APTE, MD, PHD

Accelerating solutions through collaborative research funding: The RPB/AMDF Catalyst Awards for Innovative Approaches for AMD

10:00-10:30

Forum

4111



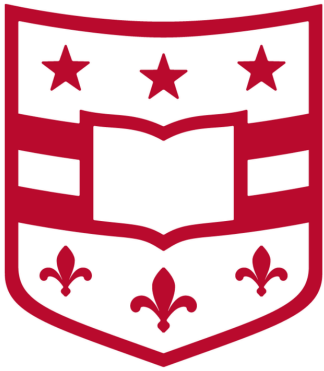
CARLA J SIEGFRIED, MD

Cellular Senescence and Oxidative Stress in Human Trabecular Meshwork

1:15-3:00

Poster

Exhibit Hall



JOHN STRAND

Cup to Disc Ratio Prediction using Segmentations of Optic Nerve Head OCT Scans

1:00-3:00 Poster Exhibit Hall



WEDNESDAY | May 6, 2026

COGAN AWARD LECTURE

The Advent of Big Data and Machine Learning in Ophthalmology

9:15-10:00 Bluebird Ballroom 2/3



Aaron Y. Lee, MD, MSCI, Arthur W. Stickle Distinguished Professor and Chairman of the WashU Medicine John F. Hardesty, MD Department of Ophthalmology & Visual Sciences, and Cecilia Lee, MD, MS Jane Hardesty Poole Endowed Professor, Ophthalmology and Visual Science, have been awarded the ARVO Cogan Award in recognition of their impactful contributions to vision science and ophthalmic research. This prestigious award, presented by the Association for Research in Vision and Ophthalmology (ARVO), highlights exceptional work that propels the field forward through innovative methods and collaborative leadership.



MAE O GORDON, PHD

*Ocular Hypertension Treatment Study (OHTS):
15 year follow-up NEI-25 Vision Specific
Quality of Life (VFQ) Before and After
Diagnosis of Primary Open Angle Glaucoma
(POAG)*

10:15-12:00 Poster

Exhibit Hall



WILLIAM CLARK CARTER

*Factors impacting response to topical
NSAID treatment in uveitic cystoid macular
edema*

10:15-12:00 Poster

Exhibit Hall

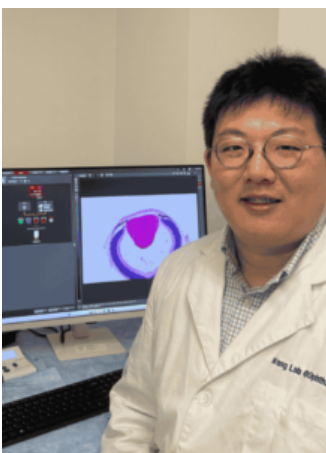


NING SHEN, PHD

*A genome-wide in vivo CRISPR screen
identifies neuroprotective strategies in the
mouse and human retina*

10:15-12:00 Poster

Exhibit Hall



ZHIPENG (EDWARD) DING

*mTORC1 Signaling Regulates Growth and
Integrity of Mammalian Lens*

10:45 Paper 401



CHAO REN

Multimodal Evaluation of Murine Uveitis Manifestations Using Dual-Waveband OCT

2:00 Paper Mile High 4C



CAITLIN YUEN

Evaluating Next-Generation Viscocanaloplasty for Primary Open-Angle Glaucoma: Surgeon Perspectives on Efficacy and Usability

2:00-3:45 Poster Exhibit Hall



THURSDAY | May 7, 2026

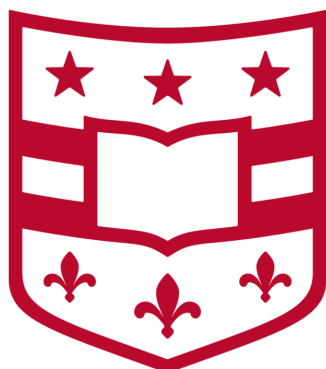


LINYING ZHANG, PHD

FlioNet: Predicting Hemoglobin A1c with Fluorescence Lifetime Imaging Ophthalmoscopy from AI-READI Data

11:45-1:30 Poster

Exhibit Hall



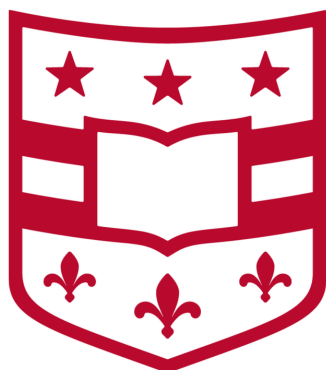
Y KIHARA

Macular Continuous Severity Prediction from Retinal OCT Using Temporal Pairwise Supervision

2:15

Paper Mile High 4E

ON DEMAND



N GIM

An LLM-assisted framework for reproducible clinical hypothesis testing from electronic health records: Application to diabetic retinopathy studies in NHANES