



Alon Harris, MS, PhD, FARVO

Professor of Ophthalmology

Professor of Artificial Intelligence and Human Health

Co-Director of the Barry Family Center for Ophthalmic Artificial Intelligence and Human Health at Mount Sinai Hospital

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Dr. Alon Harris is an international renowned leader in the field of ocular blood flow and metabolism in glaucoma. His clinical research focuses on cardiovascular risk factors assessment in glaucoma, noninvasive imaging for ocular perfusion and blood flow evaluation, including retinal and optic nerve head oximetry and mitochondrial function, monitoring techniques for structural and functional glaucoma progression, glaucoma medications, generics, population-based studies, and artificial intelligence and digital twin approaches in ophthalmology.

Dr. Harris founded and established one of the world's leading centers for assessing ocular blood flow and its implications to glaucoma, diabetic retinopathy, age-related macular degeneration and non-arteritic ischemic optic neuropathy at the Indiana University School of Medicine. In 2019 he relocated the setup to NYEE/Mount Sinai Hospital. He has published over 424 peer-reviewed journal articles, 23 books, 73 book chapters and 679 abstracts. The Google Scholar h-index of Professor Harris is 82.

Dr. Harris has received numerous national and international awards including the prestigious 2025 The Glaucoma Foundation Dr. Robert Ritch Award, the 27th Annual Ulrich Ollendorff Award, the Sam Rothberg Glaucoma Award, the William and Mary Greve International Research Scholar Award from the Research to Prevent Blindness organization, the Glenn W. Irwin Jr., MD., Experience Excellence Recognition Award, Edmund Benjamin Spaeth Oration Award for Outstanding Clinical Research, American Academy of Ophthalmology Achievement Award and Letzter Endowed Chair of Ophthalmology. Dr. Harris is a Silver Fellow and a member of the ARVO Ethics and Regulations in Human Research Committee (ERHR). Dr. Harris serves on the Scientific Advisory Board and general board of Directors for The Glaucoma Foundation. Dr. Harris he is the founder and editor in chief of the Journal Artificial Intelligence in Vision and Ophthalmology (AIVO), and he serves on the Editorial Board of several ophthalmic journals, including PLOS One, Acta Ophthalmologica and Journal of Glaucoma.

Dr. Harris has received over 12 million dollars in research funds from prestigious institutions including the National Institutes of Health, National Science Foundation, American Diabetes Association, the Glaucoma Foundation, the New York Eye and Ear Foundation, and philanthropic donations. Dr. Harris holds two patents related to ocular blood flow: 1) Novel Treatment of Macular Edema; and 2) Method to Increase Retinal and Optic Nerve Head Blood Flow. Dr. Harris is a founder and serves as a board member of several companies in the ophthalmic space.