



Alliance For Eye
And Vision Research

AEVR

Educating about the Value of Vision Research

5515 Security Lane,
Suite 500
Rockville, MD 20852
www.eyerresearch.org

The Alliance for Eye and Vision Research (AEVR) Hosts Important Virtual Events on September 23 in Conjunction with the *Sixth Annual Emerging Vision Scientists Day on Capitol Hill*

RSVP for all events to Dina Beaumont at

202-407-8325 or dinabeau@aol.com

Link to events at <https://www.arvo.org/advocacy/NAEVR-virtual-events/>

Premiering 12:00 Noon – 1:15 pm Eastern

Congressional Briefing: *Artificial Intelligence in Retinal Diseases: Focus on Age-Related Macular Degeneration (AMD) and Diabetic Retinopathy (DR)*

Held during *International AMD Awareness Week 2020* and *Healthy Aging Month*, this briefing begins AEVR's *Sixth Annual Emerging Vision Scientists Day* on Capitol Hill. The briefing features National Eye Institute (NEI) clinician-scientist Tiarnan D. Keenan, BM, BCh, PhD and T.Y. Alvin Liu, MD (Wilmer Eye Institute/Johns Hopkins University) who will speak about how Artificial Intelligence (AI) plays a key role in the diagnosis and treatment of retinal diseases. Jack Stewart, a representative from the American Macular Degeneration Foundation (AMDF), will also provide an AMD patient's perspective.

Premiering 1:30 – 2:00 pm Eastern

A Conversation: The Impact of COVID-19 Lab Closures on the Next Generation of Vision Scientists

AEVR is engaging 22 early-stage vision scientists (next page, identified by state and eye research) in a conversation about the impact of COVID-19 laboratory closures on their research and overall career pathway.

Additionally, each of the *Emerging Vision Scientists* has prepared a personal video about their breakthrough eye and vision research that addresses the question "How will this research delay, reduce, and prevent the \$717 billion annual cost of eye disease and vision impairment projected by year 2050?"

The Alliance for Eye and Vision Research (AEVR), a 501(c)3 non-profit foundation, is proud to announce these educational programs associated with its *Decade of Vision 2010-2020 Initiative*, a sustained effort acknowledged by Congress that recognizes the benefits of federally funded vision research, with the *EVS* events supported by a grant from Research to Prevent Blindness (RPB). Visit AEVR's Web site at www.eyerresearch.org

<u>Scientist</u>	<u>Institution</u>	<u>State</u>	<u>Area of Research</u>
Jolene Rudell, MD, PhD	UC San Diego	CA	Pediatric Ophthalmology, Strabismus
Benjamin Xu, PhD	University of Southern California	CA	Glaucoma, Artificial Intelligence
Becca Edwards, MD, PhD	University of Colorado	CO	Uveitis
Lucy Mudie, MD, MPH	University of Colorado	CO	Vision screening to prevent impairment; Inequalities in Eye Care
Samantha McIntosh, OD	NOVA Southeastern College of Optometry	FL	Low Vision
Swarup Swaminathan, MD	Bascom Palmer/University of Miami	FL	Glaucoma
Eleferios Paschalis, PhD	Mass Eye & Ear	MA	Ocular Trauma and artificial cornea
Christopher Taylor, PhD	New England College of Optometry	MA	Myopia and emmetropization
Nazlee Zebardast, MD	Mass Eye & Ear	MA	Use of Big Data to answer Clinical questions; glaucoma , genomics, machine learning, big data
Janet Alexander, MD	University of Maryland	MD	Pediatric ophthalmology, childhood glaucoma, congenital cataract, and artificial intelligence
Thomas Johnson, MD, PhD	Wilmer Eye/Johns Hopkins	MD	Stem cell transplantation for optic nerve regeneration
Arathy Kartha, PhD	Wilmer Eye/Johns Hopkins	MD	Low Vision measurement, patient reported outcome measures, virtual reality
T.Y. Alvin Liu, MD	Wilmer Eye/Johns Hopkins	MD	Artificial Intelligence Applications in Ophthalmology
Tareq Nabhan, OD	University of Missouri College of Optometry	MO	NCT testing and Covid-19
Raven Diacou, PhD	Albert Einstein College of Medicine	NY	Genetics and early eye development
Xiaoying Zhu, MD, OD, PhD	SUNY College of Optometry	NY	Emmetropization, visual development and myopia
Phillip Yuhas, OD, PhD	Ohio State University College of Optometry	OH	TBI and the structure of the retina
Kevin Fuller, PhD	Oklahoma Health Sciences Center	OK	Fungal infections of the eye
Benjamin Sivyer, PhD	Casey Eye/Oregon Health	OR	Glaucoma
Lauren Wareham, PhD	Vanderbilt University	TN	Glaucoma
Freya Mowat, PhD	University of Wisconsin-Madison	WI	Photoreceptor metabolism and aging, AMD
Matthew Veldman, PhD	Medical College of Wisconsin	WI	Retinal Degenerative Diseases