Knights Templar Eye Foundation, Inc.

Those Receiving Career Starter Grants for 2018 - 2019

Recipients Name	Institution	City	State	Proposal
Christopher Bennett, PhD	Mass. Eye & Ear Infirmary	Boston	MA	Development and testing of virtual reality simulations designed to assess and train visual spatial processing skills in individuals with ocular and cerebral visual impairment
Michelle Cabrera, M.D.	University of Washington	Seattle	WA	Vitreous Findings Detected by Handheld Swept Source Optical Coherence Tomography in Premature and Full Term Infants
Megan Collins, M.D.	Johns Hopkins University Wilmer Eye Institute	Baltimore	MD	A longitudinal assessment to measure the costs and need for school-based vision care programs
Aman George, PhD	National Eye Institute	Bethesda	MD	Stem cell based drug discovery platform targeting vision defects in Oculocutaneous Albinism Type 1A
Andrea James, PhD	University of Northern Colorado	Greeley	CO	Investigating the Role of Regulated Cadherin Expression and Localization During Choroid Fissure Closure in the Zebrafish Eye
Dan Jiang, PhD	Oregon Health & Science University	Portland	OR	Targeting the Hcar2 receptor to elicit neuroprotection in early-onset inherited retinal degenerations.
Patrick Kerstein, PhD	Oregon Health & Science University	Portland	OR	Transcriptional control of retinal circuit development.
Swanand Koli, PhD	University of CA, San Francisco	San Francisco	CA	Molecular Mechanisms Contributing to Refractive Development
Allison Loh, M.D.	Oregon Health & Science University	Portland	OR	Development and clinical validation of optical coherence tomography angiography in pediatric glaucoma
Aaron Nagiel, M.D, PhD	Keck School of Medicine	Los Angeles	CA	DEVELOPMENT AND MAINTENANCE OF THE PHOTORECEPTOR-BIPOLAR CELL SYNAPSE IN HUMAN RETINAL ORGANOIDS
John Pena, M.D, PhD	Weill Cornell Medical College	New York	NY	Studying the role of vitreous extracellular vesicles for use as a vector to delive recombinant proteins in Inherited Retinal Degenerations.
Sarah Rodriguez, M.D.	University of Chicago	Chicago	IL	Baby Moves: a smartphone application to measure neurodevelopmenta outcomes among infants with retinopathy of prematurity
Martin Salido, M.D, PhD	West Virginia University Eye Institute	Morgantown	WV	Interphotoreceptor Matrix and Visual Impairments
Onkar Sawant, PhD	Cole Eye Institute - Cleveland Clinic	Cleveland	OH	Effect of maternal and congenital thyroid anomalies on fetal retinal programming
Ali Sharif, PhD	University of Utah Health Science Center	Salt Lake City	UT	The road to understanding Leber Congenital Amaurosis (LCA) in INPP5E-Joubert Syndrome
Wensi Tao, PhD	University of Miami Miller School of Medicine	Miami	FL	DISABLED-2 (DAB2) IN THE MOLECULAR PATHOGENESIS OF CORNEAL OPACIFICATION
Zhongxiao Wang, M.D, PhD	Boston Children's Hospital	Boston	MA	The Role of Amino Acid Transporter SLC38A5 in Retinopathy of Prematurity
Ravi Yadav, PhD	University of Iowa	Iowa City	IA	Molecular Mechanisms of AIPL1 and its TPR domain in Leber congenital amaurosis
Meysam Yazdankhah, PhD	University of Pittsburgh	Pittsburgh	PA	A novel rat model for understanding the influence of astrocytes in optic nerve health and disease