

PROFESSIONAL ENRICHMENT SERIES

Zoom Link:

Time: Tuesday the 17th at 2:00 pm

Meeting ID: 870 2471 6262

<https://arizona.zoom.us/j/87024716262>

FOR STUDENTS, BY STUDENTS
SANGIOVANNI-GEISER LABORATORY AT THE UNIVERSITY OF ARIZONA

Dr. Brian McKay -

Professor, Ophthalmology and Vision Science

Biography

Dr. Brian S. McKay received his Bachelor's degree in biology from University of Wisconsin in Milwaukee then completed his PhD at the Medical College of Wisconsin where he studied cell biology related to retinal diseases. Dr. McKay conducted his postdoctoral training in protein chemistry at The Scripps Research Institute in San Diego, CA. Upon finishing his training, Dr. McKay joined the faculty at Duke University in Durham, NC, where he developed his laboratory around projects addressing the biology of age-related macular degeneration (AMD). Dr. McKay conducts basic research towards understanding retinal degenerations and the molecular origins of glaucoma, asking the key questions necessary for successful development of cell based therapies. His collaborations with the vitreoretinal surgical staff are central to the projects success. Research is conducted in RPE transplantation methods for AMD therapy, and protein expression in glaucoma. In collaboration with W. Daniel Stamer, PhD, he is examining the structure and function of the myocilin to determine why the specific trait of glaucomatous disease is passed on through a nearly ubiquitous protein.

About

The [Undergraduate Fellows](#) and Scholars of the [SanGiovanni-Geiser Laboratory](#) at the University of Arizona invite you to join our Professional Enrichment Series. This series is founded by undergraduate scholars of the Mechanistic Studies Branch, Integrative Omics Branch, and Physiological Imaging Branch.

This enrichment series is aimed to provide guidance from professionals throughout and beyond the biomedical health field. Guest speakers are invited to elaborate on their past experiences, passions, and goals as they engage with students in sharing key lessons along their professional paths.

We encourage you all to ask questions and not to be afraid of challenge and insight.

Questions? Please click [here](#).

For more information, visit <https://nutrientscience.org/>



Team:

Renee Grambihler
Jeanelle Bautista
Jonathon Gardner