



Pictured, from left: Adam Hickenbotham O.D., MPH, PhD, KYCO associate professor of optometry, and KYCO students Sha'Mia Stinson, Kristen Lantz, Breck Dakin, Nitya Murthy and Catherine Donaldson

Five students from the University of Pikeville-Kentucky College of Optometry – Breck Dakin, Catherine Donaldson, Kristen Lantz, Nitya Murthy and Sha'Mia Stinson – attended the 2018 Association for Research in Vision and Ophthalmology (ARVO) meeting in Honolulu to present their research papers. Researchers traveled from all over the world to present the most up-to-date research on a wide range of topics in vision and ophthalmology.

The KYCO students were accompanied by faculty member Adam Hickenbotham. OD, MPH, PhD, associate professor of optometry, who was a contributing author for each of their papers. Additional contributing authors included KYCO Assistant Professor of Optometry Eilene Kinzer OD, MEd., FAAO, as well as Jennifer Kreuger, Shantel Nunez and Jacob Webster.

Research presented by KYCO students at the 2018 ARVO meeting included:

- Dakin, Breck; Nunez, Shantel; Donaldson, Catherine; Hickenbotham, Adam; ***Effect of Fixed versus Adjustable Pupillary Distance (PD) on User Visual Comfort for Virtual Reality viewers***
- Donaldson, Catherine; Hickenbotham, Adam; ***Effects of Monocular and Binocular Viewing on Virtual Reality Sickness while using a 3D Stereoscopic Roller Coaster Simulation***
- Lantz, Kristen; Webster, Jacob; Krueger, Jennifer; Hickenbotham, Adam; Kinzer, Eilene; ***The Effects of Monocular versus Binocular Aiming on Archery Performance***
- Murthy, Nitya; Hickenbotham, Adam; ***Maximum Visual Acuities are Located Outside the Circle of Least Confusion***
- Stinson, Sha'mia; Hickenbotham, Adam; ***Preferred Image Focus Location for Best Visual Acuity and Astigmatic Blur Adaptation***

ARVO is the largest and most respected eye and vision research organization in the world with membership of 12,000 researchers from more than 75 countries.

