OPHTHALMOLOGY RESIDENT/FELLOW RESEARCH DAY
SCHEDULE OF EVENTS

Friday, April 21, 8:00 AM – 3:15 PM

8:00  Continental Breakfast
8:30  Welcoming Statements
8:35  Budd A. Tucker, Ph.D., Wynn Institute for Vision Research – Hot Research Topics

9:00 – 10:00  Scientific Papers, Residents, Session I
Braley Auditorium

9:00  Aaron M. Ricca, sponsors, Elliott H. Sohn, Michael D. Abramoff
Night Driving Ability and Dark Adaptation in Age-Related Macular Degeneration

9:12  Brittni A. Scruggs, sponsors, Chunhua Jiao, Cathryn Cranston, Edwin M. Stone, Robert F. Mullins, Budd A. Tucker, Elliott H. Sohn
Optimizing Subretinal Injection Conditions for Retinal Gene and Stem Cell Therapy

9:24  Daniel C. Terveen, sponsors, Michelle R. Boyce, Jesse M. Vislisel, Kenneth M Goins, Mark A. Greiner
Refractive and Astigmatic Outcomes of Descemet Membrane Endothelial Keratoplasty (DMEK) at a Tertiary Referral Center

9:36  Spenser J. Morton, sponsor, Michael D. Wagoner
Prevalence and Severity of Evaporative Dry Eye Syndrome after Cataract Surgery

9:48  Stephanie K. Lynch, sponsors, Abhay Shah, James C. Folk, Xiaodong Wu, Michael D. Abramoff
Catastrophic Failure in Image-Based Convolutional Neural Network Algorithms for Detecting Diabetic Retinopathy

10:00 – 10:30  Morning Break

10:30 – 11:30  Scientific Papers, Resident/Fellow, Session II
Braley Auditorium

10:30  Tyler B. Risma, sponsors, Tony Klauer, Erin M. Shriver, Scott A. Larson
Diplopia After Orbital Trauma: Predicting Need for Surgical Treatment

Paper 7 Withdrawn
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10:42 Johanna M. Beebe, sponsors, Randy H. Kardon, Aaron M. Fairbanks, Matthew J. Thurtell, Robert M. Mallery, Michael M. Wall
Visual Acuity at Different Thickness Levels of the Retinal Ganglion Cell Complex in Optic Neuropathies

10:54 Shira S. Simon, sponsors, Cole A. Starkey, Michael M. Wall, Matthew J. Thurtell, Quentin Davis, Randy H. Kardon, M.D., Ph.D.
Reduction of the Photopic Negative Response of Retinal Ganglion Cells in Optic Neuropathy: Assessment Using a New Portable Handheld Device

11:06 Elaine M. Binkley, sponsors, James C. Folk, D. Brice Critser, Ian C. Han, Michael D. Abràmoff
Imaging Vitreous Cell Using Coherence Tomography

11:18 Jason P. Kam, sponsor, John H. Fingert
The Myocilin GLN368 Stop Mutation in Normal Tension Glaucma

11:30 – 12:30 Keynote Speaker
Elias Traboulsi - Braley Auditorium

12:30-1:30 Buffet Luncheon
Melrose Conference Room 1 and 2

1:30 Robert F. Mullins, M.S., Ph.D., Wynn Institute for Vision Research – Hot Research Topics

1:55 – 3:00 Fellow Scientific Papers, Fellows, Session III
Braley Auditorium

1:55 Orwa J. Nasser, sponsor, Scott A. Larson
The Healing Process of Extra Ocular Muscles and Adnexa After Eye Muscle Surgery

2:07 Maria A. Foley, sponsors, Nasreen A. Syed, Erin M. Buckingham, Matthew J. Thurtell, Charles Grose, Randy H. Kardon
Re-assessment: Does Herpes Zoster Cause Giant Cell Arteritis?

2:19 Michelle R. Boyce, sponsors, Kenneth M. Goins, Mark A. Greiner
Fibrin Formation in DMEK Surgery

2:31 James J. Peairs, sponsors, James C. Folk, Michael D. Abràmoff
OCT – Neuroretinal and Outer Retinal Contributions to Visual Loss in Ocular Inflammatory Disease
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2:43  Christine Clavell, M.D., research update

2:55-3:15  Faculty Meeting/Judging For Research Day Awards