Residents Day

Department of Ophthalmology & Visual Sciences

June 11, 2016
8:00 - 12:15

University of Louisville
Kentucky Lions Eye Center
301 E Muhammad Ali Blvd
Basement Conference Room
Louisville, KY 40202

Charles Dwight Townes Lecturer

Joseph J. Carroll, PhD
Richard O. Schultz / Ruth Works Professor in Ophthalmology
Professor of Biophysics
Professor of Cell Biology, Neurobiology, & Anatomy
The Medical College of Wisconsin

Course Directors:

Joern Soltau, MD
Associate Professor,
Director of Glaucoma Service
& Residency Program Director

Henry J. Kaplan, MD, FACS
Evans Professor of Ophthalmology,
Chairman, Department of Ophthalmology & Visual Sciences
Director, Kentucky Lions Eye Center

Evening Reception

Frazier Museum
829 West Main Street
Louisville, KY 40202

6:30 Hors D’Oeuvres
7:00 PM - 9:00 PM
Dinner & Presentations
**Charles Dwight Townes, MD**

Charles Dwight Townes, MD, was Professor and Chairman of the Department of Ophthalmology, University of Louisville from 1941 - 1965. He attended Cornell University before entering Medical School at the University of Louisville, where he graduated in 1924. From the mid 1950's he encouraged a program in clinical investigation and began development of the Lions Eye Research Institute, a $2 million project, which was completed and dedicated in June 1969. In 1966 he received the distinguished alumnus award for his development of ophthalmology at the University of Louisville.

**Joseph J. Carroll, PhD**

Dr. Carroll is the Richard O. Schulz, MD/Ruth Works Professor in Ophthalmology at the Medical College of Wisconsin, with joint appointments in Biophysics and Cell Biology, Neurobiology 

**Objectives & Description**

This is a one day meeting which will feature Dr. Joseph Carroll’s two presentations entitled "Applications of Adaptive Optics Retinal Imaging" and "Multimodal Retinal Imaging in Albinism: Implications for Foveal Development". Additionally, our Residents will provide an insight into the management of a variety of eye disorders in the subspecialties of retina, pediatrics, glaucoma and cornea/refractive surgery.

At the conclusion of this CME activity, participants should be able to:

- Discuss the application of adaptive optics to retinal imaging
- Describe insights provided by multimodal retinal imaging in albinism
- Explain advances in retinal regeneration of dormant cones
- Identify advances in the field of retinal prostheses

The University of Louisville School of Medicine is accredited by the Accreditation Council for Graduate Medical Education to provide continuing medical education for physicians. The University of Louisville School of Medicine designates this live activity for a maximum of 4 credits of ACCME category credits. Physicians should only claim their own credit commensurate with extent of their attendance in the activity. There is no registration fee for this course.

### Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>7:30</td>
<td>Continental Breakfast</td>
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<tr>
<td>8:00</td>
<td>Response to Anti-VEGF Therapy in Exudative AMD Patients with Chronic Obstructive Pulmonary Disease ~ Shwani Reddy, MD</td>
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<td>8:10</td>
<td>Evaluating Changes in Non-perfused Areas (NPAs) Compared to Perfused Areas (PAs) in Patients with Retinal Vein Occlusion (RVO) using Spectral Domain Optical Coherence Tomography (SD-OCT) ~ Raafay Sophie, MD</td>
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<td>8:20</td>
<td>Ex-Vivo Model for the Characterization and Identification of Drywall Intra-Ocular Foreign Bodies on Computed Tomography ~ Reema Syed, MD</td>
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<td>8:30</td>
<td>Surgical Management of Recalcitrant Endophthalmitis ~ Roxana Fu, MD</td>
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<tr>
<td>8:40</td>
<td>Two-Step Reactivation of Dormant Cones in Retinitis Pigmentosa ~ Wei Wang, MD, PhD, Henry J. Kaplan, MD and Douglas C. Dean, PhD</td>
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<td>8:50</td>
<td>Small Gauge Primary Retinal Detachment Repair with and without the use of Perfluorocarbon Heavy Fluid ~ Janelle Adeniran, MD, PhD</td>
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<td>9:00</td>
<td>Applications of Adaptive Optics Retinal Imaging ~ Joseph Carroll, PhD</td>
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<tr>
<td>9:30</td>
<td>Break</td>
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<tr>
<td>10:00</td>
<td>Multimodal Retinal Imaging in Albinism Implications for Foveal development ~ Joseph Carroll, PhD</td>
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<tr>
<td>10:30</td>
<td>4-Point Suture Fixation of IOL Through a Small Corneal Incision ~ Amir Hadayer, MD</td>
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<td>10:40</td>
<td>A Regional Review: Infectious Keratitis and Corresponding Culture Results ~ Tala Kasim, DO</td>
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<td>10:50</td>
<td>Assessing Retinal Ganglion Cell Function Utilizing Flash ERGs ~ Brett H. Mueller, DO, PhD</td>
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<td>11:00</td>
<td>Corneal Surface Injury in Children Due to Laundry Detergent Pods: A Case Series ~ Lara Newman, MD</td>
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<td>11:10</td>
<td>Does Structure Facilitate Retention? A Systematic Approach to Teaching Ophthalmology to Non-Ophthalmologists ~ Mark Magugin, MD, MPH</td>
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<td>11:20</td>
<td>UL Ophthalmology Resident Guide ~ Edwin Apenbrinck, MD</td>
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<td>11:30</td>
<td>Intraoperative Optical Coherence Tomography (iOCT) Validates the Immediate Efficacy of External Diathermy in Sealing 25-gauge Sclerotomy Wounds ~ Denis Iauagbegoni, MD</td>
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<tr>
<td>11:40</td>
<td>Laser Induced Maculopathy – An Escalating Preventable Hazard ~ Juan P. Fernandez de Castro, MD</td>
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<td>11:50</td>
<td>Retinal Vein Occlusion in Young Patients: Risk Factors and Management ~ Jinghua Chen, MD, PhD</td>
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<td>12:00</td>
<td>Visual manifestations of Pediatric Idiopathic Intracranial Hypertension ~ Eric Downing, MD</td>
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<tr>
<td>12:10</td>
<td>Culture and PCR Results in Corneal Ulcers ~ Jihad Istetiyi, MD</td>
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### Registration Form:

**Residents Day • June 11, 2016**

- [ ] I will attend the day program
- [ ] I will attend evening session at Frazier Museum
- [ ] I will be bringing a guest

Please detach and mail to:

Attn: Cynthia Brock
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Department of Ophthalmology
KLEC
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Louisville, KY 40202

Phone: 502-852-3716
Email: cynthia.brock@louisville.edu