



UNIVERSITY OF  
**LOUISVILLE**

*Residents Day*

June 13, 2015  
8:00 - 12:15

Department of Ophthalmology  
& Visual Sciences

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

# Residents Day

Saturday, June 13, 2015

## Course Directors

**Joern B. Soltan, MD**

*University of Louisville*

*Associate Professor, Director of Glaucoma Service and Residency Program Director  
Department of Ophthalmology & Visual Sciences*



**Henry J. Kaplan, MD, FACS**

*University of Louisville*

*Evans Professor of Ophthalmology, Chairman  
Department of Ophthalmology and Visual Sciences  
Director, Kentucky Lions Eye Center*



## Charles Dwight Townes Lecturer

**Robert H. Osher, MD**

*Professor of Ophthalmology*

*University of Cincinnati*

*College of Medicine*

*Medical Director Emeritus*

*Cincinnati Eye Institute*



### Clinical Faculty

#### Comprehensive

Judith Mohay-Ambrus, MD  
Joern B. Soltau, MD  
Harry Stephenson, MD

#### Cornea

Hossein Asghari, MD  
Sharmini Balakrishnan, MD

#### Glaucoma

Judith Mohay-Ambrus, MD  
Joern B. Soltau, MD

#### Neuro-ophthalmology

Karl Golnik, MD

#### Oculoplastics

William Nunery, MD

#### Pediatrics

Rahul Bhola, MD

#### Retina

Charles C. Barr, MD  
Henry J. Kaplan, MD  
Shlomit Schaal, MD, PhD  
Douglas Sigford, MD

#### Optometric and Low Vision

Patrick Scott, OD, PhD

### Research Faculty

#### Cornea

Qitang Li, PhD  
Brian Ceresa, PhD

#### Genetics

Diego Montoya-Durango, PhD

#### Retina

Douglas C. Dean, PhD  
Paul DeMarco, PhD (Associate Appt -  
Psychology & Brain Sciences)

Henry J. Kaplan, MD

Yongqing Liu, PhD

Qitang Li, PhD

Qingxian Lu, MD

Maureen McCall, PhD

Shlomit Schaal, MD, PhD

Shigeo Tamiya, PhD

Patrick Scott, OD

#### Uveitis

Hui Shao, MD, PhD

Henry J. Kaplan, MD

#### Lens

Douglas Borchman, PhD

### Emeritus Faculty

Parimal Bhattacharjee, PhD

Gary Foulks, MD

John Gamel, MD

Marcia Jumbblatt, PhD

Christopher Paterson, PhD, DSc

## Faculty cont'd

### Research Fellows

Fenghua Chen, MD, PhD  
Kathryn Fransen, PhD  
Li Li, MD, PhD  
Huayi Lu, MD, PhD  
Agustina Palacio, MD  
Aaron Rising, PhD  
Jinhui Wu, MD, PhD  
Juan Yun, PhD

### Medical Students

Andrea Breaux  
Hannah Canter  
Laurie Conrad  
Josh Gross  
Akash Gupta  
Puja Jadav

## Residents

### First Year

Jinghua Chen, MD, PhD  
Juan Fernandez de Castro, MD  
Lara Newman, MD  
Reema Syed, MBBS

### Second Year

Edwin Apenbrinck, MD  
Eric Downing, MD  
Janelle Fassbender, MD, PhD  
Shivani Reddy, MD

### Third Year

Amir Hajrasouliha, MD  
Brooke Nesmith, MD, JD  
Nathan Podoll, MD  
Mark Sherman, MD

## Fellows

Jeremy Clark, MD—Oculoplastics  
Christopher Compton, MD - Oculoplastics  
Denis Jusufbegovic, MD—Retina  
Ahmet Ozkok, MD - Retina  
Nilloofar Piri, MD - Retina/Uveitis  
Wei Wang, MD, PhD—Retina/Uveitis

# Graduates

## Residents



**Amir Hajrasouliha, MD**



**Brooke Nesmith, MD, JD**  
Chief Resident



**Nathan Podoll, MD**



**Mark Sherman, MD**

## Fellows



**Christopher Compton, MD**  
Oculoplastics



**Ahmet Ozkok, MD**  
Retina



**Niloofer Piri, MD**  
Uveitis/Retina

# Schedule

7:30 - 8:00	Continental Breakfast
Retina	
8:00 - 8:10	Analysis of Sequential Chorioretinal Changes in Eyes with Presumed Ocular Histoplasmosis Syndrome using Spectral Domain Optical Coherence Tomography Presented by: <i>Denis Jusufbegovic, MD</i>
8:10 - 8:20	Vitreomacular Attachment in Healthy Patients and in Diabetics Presented by: <i>Brooke Nesmith, MD, JD</i>
8:20 - 8:30	A Comparison of Immediate and Delayed Vitrectomy for the Management of Vitreous Hemorrhage due to Proliferative Diabetic Retinopathy Presented by: <i>Janelle Fassbender, MD, PhD</i>
8:30 - 8:40	Higher Red Cell Distribution Width (RDW) Values are Associated with Worse Vision in Retinal Vein Occlusion Presented by: <i>Ahmet Ozkok, MD</i>
8:40 - 8:50	Mathematical Analysis of Specific Anatomic Foveal Configurations Predisposing to the Formation of Macular Holes Presented by: <i>Mark Sherman, MD</i>
8:50 - 9:00	Genetic Tests to Identify Ocular Pathogens Presented by: <i>Amir Hajrasouliha, MD</i>
Glaucoma	
9:00 - 9:10	Illuminated Microcatheter-Facilitated Trabeculectomy with Trabeculectomy for Pediatric Glaucoma Presented by: <i>Reema Syed, MD</i>
9:10 - 9:20	Advanced Glaucoma Presented by: <i>Nathan Podoll, MD</i>
Guest Speaker	
9:20 - 9:35	Hokum on the Rise: the 70 Percent Solution Presented by: <i>John Gamel, MD</i>
Oculoplastics	
9:35 - 9:45	Infection Rates in Elective Orbitofacial Surgery Presented by: <i>Jeremy Clark, MD</i>

# Schedule

9:45 - 9:55	Break
<b>Guest Speaker</b>	
9:55 - 10:55	<b>Challenging Cases in Cataract Surgery</b> <b>Presented by: Robert Osher, MD</b>
Retina II	
10:55 - 11:05	Profile of the Heat Shock Proteins in the P23H swine model of Retinitis Pigmentosa Presented by: <i>Juan Fernandez de Castro, MD</i>
11:05 - 11:15	Response to Anti-VEGF therapy for exudative AMD in patients with chronic obstructive pulmonary disease Presented by: <i>Shivani Reddy, MD</i>
11:15 - 11:25	Pre-Clinical Trial of a Prototype Retinal Prosthesis in Yucatan Mini-Pigs <i>Presented by: Jinghua Chen, MD, PhD</i>
11:25 - 11:35	Introduction of Gene Therapy in Mini Swine Model of Retinitis Pigmentosa <i>Presented by: Niloofer Piri, MD</i>
11:35 - 11:45	Restoration of Glucose Access Re-establishes Cone Photoreceptor Outer Segment Synthesis and Function in Retinitis Pigmentosa <i>Presented by: Wei Wang, MD, PhD</i>
11:45 - 11:55	The Influence of Lighting Conditions on Ophthalmic Disease <i>Presented by: Edwin Apenbrinck, MD</i>
Cornea	
11:55 - 12:05	Descemet Stripping Automated Endothelial Keratoplasty in Louisville: Clinical Results and Complications Presented by: <i>Lara Newman, MD</i>
Pediatrics	
12:05 - 12:15	A Retrospective Chart Review Of Pediatric Pseudotumor Cerebri: Clinical Characteristics, Etiology and Treatment Presented by: <i>Eric Downing, MD</i>

*Evening Reception*



**Frazier Museum**

**829 West Main Street**

**Louisville, KY 40202**

**6:30 Hors D'Oeuvres**

**7:00 PM - 9:00 PM**

**Dinner & Presentations**

**Please RSVP to**

**Cynthia Brock**

**502-852-3716 or by email @**

**[cynthia.brock@louisville.edu](mailto:cynthia.brock@louisville.edu)**





## Past Charles Dwight Townes Lecturers

2006

H. Dwight Cavanaugh, MD

2007

W. Lee Alward, MD

2008

C. Stephen Foster, MD, FASC

2009

Joseph F. Rizzo, III, MD

2010

Thomas Weingeist, MD, PhD

2011

James Aquavella, MD

2012

Debra A. Goldstein, MD, FRCSC

2013

Gerald J. Harris, MD, FACS

2014

Richard Parrish, MD

2015

Robert Osher, MD

Thank You to our Supporters



## Clinic Locations

### **Kentucky Lions Eye Center**

301 E Muhammad Ali Blvd

Louisville, KY 40202

Phone: 502-852-5466

### **The Springs Medical Center**

6400 Dutchmans Pkway, Ste 310

Louisville, KY 40205

Phone: 502-742-2848

### **Old Brownsboro Crossing**

Medical Plaza II

(Pediatric Only)

9880 Angies Way, Suite 330

Louisville, KY 40241

Phone: 502-588-2552



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**KENTUCKY LIONS  
EYE CENTER**