



Faculty Forum

Departmental Spotlight

Department of Ophthalmology and
Visual Sciences

School of Medicine

Patrick A. Scott OD PhD



Department of Ophthalmology and Visual Sciences

Description and Demographics

Description of Department

- **Divisions**
 - **Adult**
 - **Ophthalmology**
 - Primary Care, Cornea & Refractive Surgery, Glaucoma & Cataract, Retina, Uveitis, Oculoplastics, Ocular Oncology,
 - **Optometry**
 - Primary Care, low vision, contact lenses.
 - **Pediatrics**

Department of Ophthalmology and Visual Sciences

Description and Demographics

Description of Department

- **Chair 2000 – Present**



Henry J. Kaplan, M.D.

Evans Professor of Ophthalmology

Chairman, Department of Ophthalmology and Visual Sciences

Director, Kentucky Lions Eye Center

CONTACT INFORMATION:

301 E. Muhammad Ali Boulevard, Louisville KY 40202

Telephone: 502-852-5466 Fax: 502-852-8550

E-mail: hank.kaplan@louisville.edu

Department of Ophthalmology and Visual Sciences

Description and Demographics

Description of Department

- Director of Residency Program



Rahul Bhola, M.D.

Chief of Ophthalmology

Kosair Children's Hospital Director Pediatric Ophthalmology and Adult Strabismus Department of Ophthalmology and Visual Sciences

CONTACT INFORMATION:

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Department of Ophthalmology and Visual Sciences

Description and Demographics

Description of Department

- # of Faculty

CLINICAL FACULTY

(n=17)

Hossein Asghari, MD
 Charles Barr, MD
 Rahul Bhola, MD
 Mark Cassol, MD
 Jeremy Clark, MD
 Christopher Compton, MD
 Henry J. Kaplan, MD
 Judith Mohay, MD
 William Nunery, MD
 Thong Pham, MD
 Aparna Ramasubramanian, MD
 Harpal Sandhu, MD
 Patrick Scott, OD, PhD
 Douglas Sigford, MD
 Andrea Smith, OD
 Joern Soltau, MD
 Harry Stephenson, MD

RESEARCH FACULTY (n= 11)

Douglas Borchman, PhD
 Douglas Dean, PhD
 Henry J. Kaplan, MD
 Qiutang Li, PhD
 Yongqing Liu, PhD
 Qingxian Lu, PhD
 Maureen McCall, PhD
 Diego Montoya-Durango, PhD
 Hui Shao, MD, PhD
 Shigeo Tamiya, PhD
 Wei Wang, MD, PhD



Department of Ophthalmology and Visual Sciences

Description and Demographics

Description of Department

- # of Residents/Fellows

Residents (n=12)

Year 03

L Newman, J Chen, J F de Castro, R Syed

Year 02

T Kassm, B Mueller, M Mugavin, R Sophie

Year 01

M Adhi, A Breaux, N Piri, S Puri

Fellows (n=5)

Retina/Uveitis

A Hadayer, J Adeniran, W Wang

Oculoplastics

R Fu, M Prendes



Department of Ophthalmology and Visual Sciences

Description and Demographics

Administration

Henry J. Kaplan, M.D., F.A.C.S.

Director

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Harry H. Schulman

Executive Director

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Residency Coordinator

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Cynthia Brock

Communications, Marketing and Media
Relations Specialist

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Danielle L. Jostes

Assistant Director of Development

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Cell: (502) 641-6906

Email: danielle.jostes@louisville.edu



Department of Ophthalmology and Visual Sciences

Description and Demographics

- **Department Office Locations**

Downtown Louisville
Kentucky Lions Eye Center

St. Matthews/DuPont Circle
Springs Medical Center

East End Louisville – Pediatrics
Brownsboro Medical Center

Owensboro, Kentucky
Bowling Green, Kentucky
Elizabethtown, Kentucky
Madison, Indiana



Department of Ophthalmology and Visual Sciences

Department Contribution to the SOM four planning pillars

Education

Educational Lectures 7:00AM Friday Mornings

First Friday of Month – Clinical faculty presentation

Second Friday of Month – Research faculty presentation

Topic will be choice of presenter

Patterned after Department of Medicine Grand Rounds

Third Friday of Month – Resident/Fellow Grand Rounds

Conventional patient presentations



Department of Ophthalmology and Visual Sciences Research Federal Grants

TOTAL FUNDS

<u>TYPE</u>	<u>P.I./Co-I</u>	<u>TITLE</u>	<u>DATES</u>	<u>AWARDED</u>
NIH (Sub-Awd)	Rahul Bhola, PI	Postnatal Growth and Retinopathy of Prematurity (G-ROP) Studies.	9/30/12-8/31/17	\$ 24,319
NIH R01	Douglas Borchman, PI Rahul Bhola, Co-I	Tear Film Lipid Compositional, Structural, Functional Relationships and Dry Eye.	12/1/15-11/30/20	\$ 1,153,500
DOD	Douglas Dean, PI Henry J Kaplan, Co-I Wei Wang, Co-I	Vision Restoration with Granulocyte Colony Stimulating Factor Following Traumatic Injury.	9/22/14-9/21/17	\$ 1,000,000
NIH R21	Douglas Dean, PI Yongqing Liu, Co-I Shigeo Tamiya, Co-I	Hypoxia-Induced Reprogramming to REP Stem Cells.	4/1/14-3/31/17	\$ 412,500
NIH R01	Levi Beverly, PI Douglas Dean, Co-I	Ubiquilin 1 Regulates EMT and Metastasis of Human Lung.	8/1/15-7/31/20	\$ 1,759,278
NIH R01	Brian Clem, PI Douglas Dean, Co-I	Regulation of Tumor Metabolism by Retinoblastoma Protein.	6/1/13-5/31/18	\$ 1,088,378



Department of Ophthalmology and Visual Sciences Research Federal Grants

<u>TYPE</u>	<u>P.I./Co-I</u>	<u>TITLE</u>	<u>DATES</u>	<u>TOTAL FUNDS AWARDED</u>
NIH-R01	Henry J Kaplan, PI Douglas Dean, PI Maureen McCall, PI Patrick Scott, Co-I	Cone Rescue in Retinitis Pigmentosa.	9/1/16-8/31/20	\$ 2,338,736
NIH-R21	Qiutang Li, PI Douglas Dean, Co-I Qingxian Lu, Co-I Shigeo Tamiya, Co-I	Yap1 is Essential to Maintain Adult RPE Differentiation.	9/1/16-8/31/18	\$ 423,500
NIH-R01	Ron Gregg, PI Maureen McCall, PI	Isolation of Congenital Stationary Night Blindness Genes.	9/1/15-8/31/16	\$ 1,895,853
NIH-R21	Hui Shao, PI Henry J Kaplan, Co-I	Exosomes Derived from Retinal Astrocytes in the Regulation of Retinal Vasculature.	4/1/15-3/31/17	\$ 412,500
NIH-R01	Hui Shao, PI Henry J Kaplan, Co-I	The Danger Signals in Autoimmune Uveitis.	12/1/14-11/30/18	\$ 1,496,500
NIH (Sub-Awd)	Joern Soltan, PI	Ocular Hypertension Treatment Study 20-year Follow-up Clinical Center Grant.	7/1/15-6/30/17	\$ 219,764



Department of Ophthalmology and Visual Sciences Research Federal Grants

TYPE	P.I./Co-I	TITLE	DATES	TOTAL FUNDS AWARDED
DOD	Shigeo Tamiya, PI Henry J Kaplan, Co-I Martin O'Toole, Co-I	Pre-clinical Testing of Sustained Release of Dasatnib to Prevent the Major Blinding Complication Following Eye Injury.	8/3/15-8/2/18	\$ 1,543,746
TOTAL FUNDING FOR FEDERAL GRANTS:				\$ 13,768,574



Department/Division Name

Department Contribution to the SOM four planning pillars

Clinical Care

- DOVS Office Visits for Academic Year 2016

Adult Office Visits = 28,787

Pediatric Office Visits = 7,772

Total Office Visits = 36,559



Department/Division Name

Department Contribution to the SOM four planning pillars

Clinical Care

- **DOVS Charges and Collections for Academic Year 2016**

Charges – Adult = \$15,084,016

Collections – Adult = \$5,468,321

Charges – Pediatric = \$2,861,083

Collections – Pediatric = \$981,402

Total Charges = \$17,945,099

Total Collections = \$6,499,723



Department of Ophthalmology and Visual Sciences

Department Contribution to the SOM four planning pillars

Community Engagement

- **KY Lions Eye Foundation**

Giving the Gift of Sight

Founded in 1954, The Kentucky Lions Eye Foundation (KLEF) is a charitable non-profit organization whose mission is to prevent and cure blindness by supporting research, and operating eye clinics and eye banks. The foundation's activities are supported through funds contributed by Lions & Lioness Clubs, individual members, businesses, benefactors, memorials and bequests.



Department of Ophthalmology and Visual Sciences

Department Contribution to the SOM four planning pillars

Community Engagement

- **KY Lions Eye Foundation**

KidSight

KidSight is a “kids only” program that utilizes camera screening equipment throughout Kentucky to find children with eye conditions including amblyopia (lazy eye) and poor vision. After diagnoses, parents are provided a packet of information that contains information on where to go for additional vision care. Kentucky State Fair Screenings provide thousands of adults and children with free photo screenings each year.

Department of Ophthalmology and Visual Sciences

Department Contribution to the SOM four planning pillars

Community Engagement

- **KY Lions Eye Foundation**

The Vision Van

The Vision Van allows the Foundation to take vision screening on the road. Screenings are free of charge and available to people of all ages. Each year, approximately 6,000 people from all over Kentucky are screened with the Vision Van and referred to local doctors for treatment.

Kentucky State Fair Screenings

Kentucky State Fair screening provide thousands of adults and children with free photo screenings each year. Common eye conditions such as cataract, macular degeneration, squint and amblyopia (lazy eye) are screened, as well as the need for corrective lenses.

To learn more about the Kentucky Lions Eye Foundation and how you can help its mission, visit www.kylionseye.org

Department/Division Name

Interesting Fact about the Department

The University of Louisville Lions Eye Bank

The University of Louisville Lions Eye Bank is fully accredited and a charter member of the Eye Bank Association of America. Eye bank technicians recover and distribute eye tissue from more than 300 donors a year for transplant, research and surgical practice.

