

# OPHTHALMOLOGY

## Ophthalmology Elective Opportunities

Code	Title	Credits
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### Elective Opportunities

Elective courses must be approved by the course director listed. Course descriptions and additional details can be found at: <https://somroselfservice.jhmi.edu/ROElectiveBook> (<https://somroselfservice.jhmi.edu/ROElectiveBook/>)

#### *Ophthalmology Clinical Electives*

Clinical Elective in Ophthalmology; Dr. Henry Jampel

Advanced Work and Research in Ophthalmology and Neurosurgery; Dr. Henry Brem

Clinical Neuro-Ophthalmology: Dr. Amanda Henderson, Dr. Michael Carper and Dr. Andrew Carey

Elective in Oculoplastic Surgery; Dr. Ashley Campbell, Dr. Fatemah Rajaii, and Dr. Nicholas Mahoney

Signal Acquisition and Processing in Ophthalmic Optics; Dr. Boris Gramatikov

Clinical Elective in Ophthalmology at Green Spring Station; Dr. Kraig S. Bower

Clinical elective in Ophthalmology at Odenton and Columbia; Dr. Divya Srikumaran

Investigating the basis of inherited ocular dystrophies; Dr. S Amer Riazuddin

Argus II retinal implant, intracortical visual prosthesis and ultra low-vision assessment; Dr. Gislín Dagnelie, Dr. James Handa, and Dr. Judith Goldstein

Pediatric ophthalmology and strabismus; Dr. Courtney Kraus and Alex Cristoff

Clinical Elective In Ocular Immunology; Dr. Meghan Berkenstock  
Glaucoma Clinical Research Elective; Dr. Pradeep Ramulu

Clinical/Research Elective in Ophthalmology – Bethesda Campus; Dr. Jella An and Dr. Mona Kaleem

#### *Research opportunities (contact preceptor to arrange research)*

Cornea and cataract; Drs. Esen Akpek, Allen Eghrari, Irene Kuo, Oliver Schein, Shameema Sikder, Uri Soiberman and Robert Weinberg

Neuro-ophthalmology; Drs. Neil Miller, Amanda Henderson, and Andrew Carey

Pathophysiology of Eye-Movement Disorders and Nystagmus; Dr. David Zee

Ocular Tumors; Methods of Diagnosis and Treatment; Dr. James Handa

Ocular Epidemiology: Drs. Pradeep Ramulu, and Oliver Schein  
Angiogenesis Research and Controlled Drug Delivery; Dr. Henry Brem

Uveitis; Scleritis, Cytomegalovirus Retinitis, Autoimmune Diseases of the Eye; Dr. Meghan Berkenstock

Surgical Retina: Dr. Peter Campochiaro, and Dr. James Handa

Retinal Molecular Biology; Dr. Don Zack

Surgical Education; Dr. Shameema Sikder

Pediatric ophthalmology and adult strabismus; Dr. Megan Collins

Pediatric ophthalmology and adult strabismus; Pediatric ophthalmology and Public Health and/or Health care policy; Medical ethics and professionalism; Health care equity / social determinants of health; Dr. Megan Collins

Medical ethics; Dr. Megan Collins

Retina, Health equity / social determinants of health; Big data / informatics: Dr. Cindy Cai