# Ophthalmology

## Ophthalmology Elective Opportunities

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
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<td>Elective Opportunities</td>
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<td>Elective courses must be approved by the course director listed. Course descriptions and additional details can be found at: <a href="https://somroselfservice.jhmi.edu/ROElectiveBook">https://somroselfservice.jhmi.edu/ROElectiveBook</a></td>
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### 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. Gislin 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 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