**VIRTUAL OPHTHALMOLOGY**

<table>
<thead>
<tr>
<th>COURSE CODE:</th>
<th>MDR 977</th>
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<tbody>
<tr>
<td>ELECTIVE DIRECTOR:</td>
<td>Eric R. H. Duerr, MD</td>
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<tr>
<td>LENGTH OF ELECTIVE:</td>
<td>2 weeks</td>
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<td>PREREQUISITE:</td>
<td>MS4 Visiting Students applying for Ophthalmology only</td>
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<td>NUMBER OF STUDENTS:</td>
<td>8</td>
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<td>AVAILABLE:</td>
<td>5A</td>
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<td>U.S. VISITING STUDENTS:</td>
<td>Yes, only open to MS4 visiting students via UM’s VSAS/VSLO portal</td>
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<td>INTERVIEWING TIME:</td>
<td>None</td>
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<td>TYPE:</td>
<td>Virtual</td>
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**Overview:**
This is an intensive 2-week virtual elective, which will teach the senior medical student ophthalmology knowledge and concepts through flipped classroom work, shadowing in telemedicine visits and operating rooms, specialty conferences, lectures/grand rounds, and morning lectures.

The small group discussions include clinical cases covering the spectrum of ophthalmic subspecialties, including diagnosis and management.

This elective is opened only to 4th year visiting students applying to ophthalmology. Students of varied ophthalmic knowledge backgrounds are welcome! Applications will be processed through the University of Miami Miller School of Medicine’s VSAS/VSLO portal.

This elective is meant to stimulate the intellectual curiosity and students’ continued learning in ophthalmology, through close virtual contact with Bascom Palmer residency leadership and core educator faculty.

**Course Design:**
- 2 weeks length – approximately 30-40 hours live/virtual, 30-40 hours independent work
- Online course sessions in seminar, small group format – approximately 2-4 hours/day in live, virtual sessions. Additional pre-sessions assignments expected to be independently completed.
- Students will have various virtual clinical exposures: Operating room, Emergency Room
- Students will have a virtual clinical skills session, learning valuable components of the eye exam
- Students will participate in small group case-based learning in a flipped classroom format and prepare for these sessions prior the session.
- Students will participate in resident lecture series and weekly grand rounds.

**Objectives:**
- Develop an understanding of basic ophthalmic anatomy/physiology/and pathophysiology
- Critically think through the diagnosis and management of common ophthalmic complaints.
- Enhance understanding of ophthalmic surgery and management of ophthalmic emergencies
- Develop a basic understanding of the ophthalmic clinical exam

**Location:** Virtual (Zoom 100%)
Participating Faculty: Bascom Palmer Eye Institute Faculty

Prerequisite:
Completion of Core Clerkships. Ophthalmology residency bound
Supplemental VSAS/VSO Application:
  • Medical School Transcript
  • USMLE Step 1 score
  • Statement of interest related to Ophthalmology career goals and Ophthalmology in South Florida

Expectations:
  • Students are expected to attend all course sessions and small groups within this course.
  • Students are expected to be attentive, engaged and interactive during the course sessions.
  • Students are expected to complete all assignments required, including any pre-session assignments for Flipped Classroom learning.
  • Students are expected to pass a final examination.

Student Evaluation and Grading:
Grading will be Pass/Fail. Students will be assessed on the following:
  • Attendance
  • Completion of required assignments
  • Active group participation