OPHTHALMOLOGY RESIDENT/FELLOW RESEARCH DAY
SCHEDULE OF EVENTS

Friday, May 17  8:30 AM – 3:15 PM

7:30  Continental Breakfast – Blodi- and Blodi-2 Conference Rooms
8:00  Department Photo
8:30  Welcome remarks: Ian Han, M.D.; Michael Wagoner, M.D., Ph.D.

8:30 – 10:00  Resident Scientific Papers, Session I
Ian Han, Moderator
Braley Auditorium

8:36  Aaron M. Ricca ................................................................. 1
Visual Gains After Vitrectomy for Diabetic Tractional Retinal Detachment Secondary to Proliferative Diabetic Retinopathy

8:48  Stephanie Lynch ............................................................... 2
Intravitreal Fluocinolone Acetonide May Decelerate Diabetic Retinal Neurodegeneration

9:00  Alec Amram ................................................................. 3
Progressive Neurodegeneration in Macular Telangiectasia Type 2 (MacTel)

9:12  Justine Cheng ................................................................. 4
Retinal Vascular and Structural Changes on SS-OCTA in Patients with Macular Telangiectasia Type 1

9:24  Christopher Fortenbach ................................................. 5
Spectral-Domain Optical Coherence Tomography Analysis of Retinal Layers in Autoimmune Retinopathy

9:36  Alexis Warren ............................................................... 6
Automatic Choroid Layer Segmentation Using Ocular Coherence Tomography in 100 patients

9:48  Laith Kadasi .................................................................. 7
Automatic Choroid Layer Segmentation Using Ocular Coherence Tomography in 100 patients

10:00 – 10:30  Morning Break
### Schedule of Events

**Friday, May 17  8:30 AM – 3:15 PM**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenters</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30</td>
<td>Resident Scientific Papers, Session II</td>
<td>Daniel Bettis, Moderator</td>
<td>Braley Auditorium</td>
</tr>
<tr>
<td>10:30</td>
<td>Ben Janson</td>
<td>DMEK Outcomes Using Nondiabetic Grafts for Recipients with Diabetes Mellitus</td>
<td></td>
</tr>
<tr>
<td>10:42</td>
<td>Matthew Benage</td>
<td>Intraoperative Fibrin Formation During Descemet Membrane Endothelial Keratoplasty</td>
<td></td>
</tr>
<tr>
<td>10:54</td>
<td>Caroline Wilson</td>
<td>Iris Expansion Device Use and Operative Outcomes with Topical Dilation Versus Intracameral Epinephrine in Resident-Performed Cataract Surgery</td>
<td></td>
</tr>
<tr>
<td>11:06</td>
<td>Lauren Hock</td>
<td>Sealant Use Reduces Cost Compared to Suture in Resident Cataract Surgery at a Veteran's Affairs Hospital</td>
<td></td>
</tr>
<tr>
<td>11:18</td>
<td>Daniel Terveen</td>
<td>Outcomes and Cost Savings of Resident Performed Immediately Sequential Bilateral Cataract Surgery (ISBCS)</td>
<td></td>
</tr>
<tr>
<td>11:20</td>
<td>Austin Fox</td>
<td>Outcomes of Resident Trabecular Micro-Bypass Procedures (iStent®)</td>
<td></td>
</tr>
<tr>
<td>11:30</td>
<td>Keynote Speaker</td>
<td>James P. Dunn</td>
<td>Braley Auditorium</td>
</tr>
<tr>
<td>12:30</td>
<td>Buffet Luncheon</td>
<td></td>
<td>East Room</td>
</tr>
</tbody>
</table>

**Keynote Speaker**

James P. Dunn

Braley Auditorium
OPHTHALMOLOGY RESIDENT/FELLOW RESEARCH DAY
SCHEDULE OF EVENTS

Friday, May 17  8:30 AM – 3:15 PM

1:30 – 3:00  Fellow Scientific Papers, Session III
Moderator: Audrey Ko
Braley Auditorium

1:30  Brittni Scruggs ......................................................... 14
AAV2/4-RS1 Gene Therapy in the Retinoschisin Knockout Mouse Model of X-linked Retinoschisis

1:40  Heather Stiff ............................................................... 15
Is it Usher Syndrome?: Collaborative Diagnosis and Molecular Genetics of Patients with Visual Impairment and Hearing Loss

1:50  Anne Langguth ............................................................ 16
The Effect of Delay in Obtaining an Eye Exam After a Failed Vision Screening

2:00  James Huffman ............................................................ 17
Characterization of Diabetic Corneal Endothelial Cell Dysfunction in a High Fat Diet/Low Dose Streptozotocin Type 2 Diabetes Mellitus Rat Model

2:10  Melanie Truong ............................................................ 18
Reflex Upper and Lower Eyelid Movements in Response to Light Stimuli

2:20  Bryce Radmall ............................................................. 19
Challenging the Current Treatment of Residual Postoperative Ptosis: Safety and Efficacy of Repeat Mueller’s Muscle Conjunctival Resection

2:30  Closing remarks: Ian Han, M.D.

2:45-3:15  Selection of Research Day Awards
All faculty