

# WEEK 1 - INTRO / ANATOMY / PATHOLOGY / CATARACT SURGERY / REFRACTIVE / OPTICS

	1/6/2025	1/7/2025	1/8/2025	1/9/2025	1/10/2025	
	Monday	Tuesday	Wednesday	Thursday	Friday	
<b>7:30-8:00 AM</b>						
<b>8:00-9:00 AM</b>	Introduction B&SCO Ronald H. Silverman, PhD	Ralph Eagle - Intensive Review of Eye Pathology	David Guyton / Kristina Irsch - Optics	Sharon Keh / Daniel Diamond / Rebecca Rojas / Alicia Jones - Optics Topics	Leejee Suh - Corneal Imaging for Cataract Surgeons	
<b>9:00-10:00 AM</b>	Hermann Schubert - Surgical Anatomy / Embryology of Globe				Rami Shasha - Sutured IOLs / Secondary IOLs	
<b>10:00-11:00 AM</b>					Ike Ahmed - Simple Complex and Complex Complex Cataract Surgery	
<b>11:00-12:00 PM</b>	Daniel Casper - Orbital Anatomy		Lisa Park - Biometry and IOL Calculations	Panel Discussion - Complex Cataract and Anterior Segment Cases		
<b>12:00-1:00 PM</b>	<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH</b>	
<b>1:00-2:00 PM</b>	Claude Desplan - Development of Optic Lobe	Ralph Eagle - Intensive Review of Eye Pathology	David Guyton / Kristina Irsch - Optics	Lisa Park - Phacodynamics, OVDS, IOLS, FLACS	<b>PENDING</b> Stephen Trokel - Origins of Clinical Refractive Technology	
<b>2:00-3:00 PM</b>	Ales Cvekl - Early Eye Development: Complex Morphological Process				Sharon Keh / Daniel Diamond / Rebecca Rojas / Alicia Jones - Refractive Workshop	Dan Reinstein - Refractive Surgery: Worldwide Perspective <b>UNTIL 5:30PM</b>
<b>3:00-4:00 PM</b>	Xin Zhang - Molecular Regulation of Eye Development					
<b>4:00-5:00 PM</b>	Carol Mason - Retinal Ganglion Cell Development: Connections with the Brain, Cell Replacement and Regeneration After Injury					
<b>5:00-6:00 PM</b>	Louis Pizzarello - Epidemiology of Eye Disease		<b>PENDING</b> <b>Home Session (Pre-Recorded Video)</b> James Auran - Cataract Surgery Basics			

WEEK 2 - ONCOLOGY / PLASTICS / CORNEA / GLAUCOMA / NEURO OPHTHALMOLOGY					
	1/13/2025	1/14/2025	1/15/2025	1/16/2025	1/17/2025
	Monday	Tuesday	Wednesday	Thursday	Friday
7:00-8:00 AM	Michael Kazim - Thyroid Eye Disease and Adult Orbital Tumors		George Cioffi - Fundamentals of Perimetry	Jeffrey Liebmann - Angle Closure from Inside Out	
8:00-9:00 AM		PENDING TBD - Basics of Cornea and Anterior Segment Imaging	Tony Valenzuela - Basic Glaucoma Imaging / Glaucoma Surgery	Steven Kane - Pediatric Glaucoma	Marc Dinkin - TBD
9:00-10:00 AM	Gary Lelli - Periocular Trauma	George Florakis - Corneal Dystrophies and Corneal Transplantation	Qing Wang - POAG and Risk Factors	Aakriti Shukla - Surgery and Laser in Glaucoma	
10:00-11:00 AM	Lora Glass - Eyelid Malpositions and Tumors		Qing Wang - Secondary Glaucomas	Emmanouil Tsamis - Glaucoma Imaging	Meital Ben-Dov - TBD
11:00-12:00 PM	Lora Glass - Facial Rejuvenation: Botulinum and Fillers	Gabriel Rand - Disorders of Corneal Epithelium	Simon John - Glaucoma: Deriving Molecular Insights and Therapeutic Strategies from Genomic Research	LUNCH / ZOOM Donald Hood - From Basic Science to a Clinical Application	Elizabeth Engle - Cranial Nerves Development
12:00-1:00 PM	LUNCH	Jeffrey Cooper - Myopia: One of the Most Common Ocular Diseases from Animal Models to Humans Including Evidence-Based Treatment	LUNCH		LUNCH
1:00-2:00 PM	Brian Marr - Pathophysiology of Ocular Tumors	LUNCH	Gustavo De Moraes - Where Do Those Numbers Come From?	Andrew Lee / Hilary Beaver - Pupil Cases: When to Worry, When to Watch	PENDING Douglas Wallace - Mitochondrial Etiology of Neuro Ophthalmologic Diseases
2:00-3:00 PM		Daneille Trief - Corneal Infections and Keratoprosthesis	Gulgun Tezel - Neuro-Inflammation in Glaucoma		PENDING Michael Goldberg - The Oculomotor System
3:00-4:00 PM	Brian Marr - Retinoblastoma Management			Jonathan D. Trobe - Interpretation of Visual Fields and Functional Neuro Ophthalmology	PENDING Jeffrey Odel - Sixth Sense
4:00-5:00 PM	Eleni Konstantinou / Brian Marr - TBD	Sharon Keh - Beyond the Basics: A Deep Dive into Complex Contact Lenses	Noga Harizman - Glaucoma Dry Lab UNTIL 5:30PM		PENDING Michi Hirano - TBD
5:00-6:00 PM		Sharon Keh / Leejee Suh - DEWS II and Beyond: A Review and Highlights of Recent Dry Eye Research		GRAND ROUNDS: Andrew Lee / Jonathan D. Trobe - Debate on Neuro Cases	

**WEEK 3 - PEDS / GENETICS and ANATOMY LABS**

	1/20/2025	1/21/2025	1/22/2025	1/23/2025	1/24/2025
	Monday	Tuesday	Wednesday	Thursday	Friday
7:30-8:00 AM	<p align="center"><b>MLK DAY - OFF Attendees are Encouraged to Explore NYC</b></p>				
8:00-9:00 AM		Paul Chan - Retinopathy of Prematurity and Updates	Megan Soucy - Genetic Testing in Ophthalmology	Lora Glass / Alex Braunstein - Dissection Lab	Lisa Hark - Running Clinical Trials, Retina and Beyond
9:00-10:00 AM		Joseph Demer - Functional Anatomy of the Extraocular Muscle Apparatus	Scott Brodie - ERG		Kaveri Thakoor - Artificial Intelligence in Ophthalmology
10:00-11:00 AM			Stephen Tsang - Care for Individuals with Retinal Degeneration		
11:00-12:00 PM		Lauren Yeager - Examining a Pediatric Patient	Janet Sparrow - Retinal Pigment Epithelial Cell and Fundus Autofluorescence		Leannaza Tang - How to Help a Low-Vision Patient
12:00-1:00 PM		LUNCH	LUNCH	LUNCH	LUNCH
1:00-2:00 PM		Pamela Gallin - Amblyopia Diagnosis, Classification Pathogenesis	Vivienne Greenstein - Color Vision Deficiencies, Classification Schemes and Color Vision Tests	Lora Glass / Alex Braunstein - Dissection Lab	Alan Bird - The Potential Role RPE in AMD
2:00-3:00 PM		Steven Rosenberg - Introduction to Strabismus Surgery and Paralytic Strabismus	Rando Allikmets - Stargardt's Disease		Alan Bird - Fluid Movement in the Retina
3:00-4:00 PM		Steven Rosenberg - Pediatric Cataract Surgery	Tingting Yang - Bestrophins: Structure, Function, and Diseases		Irene Maumenee - Common Congenital Anomalies of the Eye
4:00-5:00 PM		Sonali Talsania - Introduction to Strabismus: Classification, Sensory, and Motor Testing	Konstantin Petrukhin - Dug Discovery in Atrophic AMD and Stargardt's		
5:00-6:00 PM	Daniel Diamond - Aphakic Contact Lenses				

## WEEK 4 - RETINA / PHACO LAB / UVEITIS

	1/27/2025	1/28/2025	1/29/2025	1/30/2025	1/31/2025	
	Monday	Tuesday	Wednesday	Thursday	Friday	
7:30-8:00 AM					Michael Weiss - Antibiotics, Antifungals and Antivirals: Pharmacokinetics and Pharmacodynamics AND Non Steroidal Treatment of Uveitis	
8:00-9:00 AM	Nan-Kai Wang - Applications of Electrophysiology in Ocular Disorders	Robert Lopez - Stereoscopic Examination of the Peripheral Retina	James Auran - Phaco Lab			
9:00-10:00 AM	Royce Chen - Retina Imaging	Hanna Coleman - Optical Coherence Tomography		Tarun Sharma - How to Approach a Patient with Rhegmatogenous Retinal Detachment and How to Manage It		
10:00-11:00 AM	Ronald Silverman - Ultrasound Imaging of the Eye	Robert Braunstein - Systemic Disease and the Retina		Stanley Chang - PFO, PVR, and Giant Retinal Tears		Thomas Flynn - White Dot Syndromes
11:00-12:00 PM	Ronald Silverman - Ultrasound Lab	Srilaxmi Bearely - Update on Diabetic Retinopathy Treatment		Jason Horowitz - Vitrectomy in Patients with Diabetic Retinopathy		<b>LUNCH</b>
12:00-1:00 PM		<b>LUNCH</b>		<b>LUNCH</b>	<b>LUNCH</b>	Dritan Agalliu - The Mechanisms of Angiogenesis and Blood-Retina Barrier Maturation in the Developing Retina
1:00-2:00 PM	<b>LUNCH</b>	Jonathan Noonan - Wet AMD Studies Review	James Auran - Phaco Lab	Tongalp Tezel - Macular Hole Surgery		
2:00-3:00 PM	HELP ME SEE LAB: Minal Shah Baldota / Bonnie Henderson - Cataract Surgery Simulation Experience	Talia Kaden - Geographic Atrophy / Dry AMD		Carol Troy - Modelling Retina Ischemia and Edema in Mice to Identify New Therapeutic Targets	Jose Pulido - Posterior Uveitides and Their Masquerades	
3:00-4:00 PM		Mark Breazanno - Update on RVO Treatment		Gaetano Barile / William Schiff - Retina Surgical Case Panel	Ronald Silverman - Goodbye <b>UNTIL 4:30PM</b>	
4:00-5:00 PM		Elise Heon - Genetics				
5:00-6:00 PM				Rajeev Muni - Pneumatic Retionpey, The PIVOT Trials		
6:00-7:00 PM		<b>PENDING</b> <b>Home Session (Pre-Recorded Video)</b> James Auran - Cataract Surgery Basics				