



Lancaster Course 2021

COURSE SCHEDULE

Pathology

Monday August 2nd, 2021

7:30am – 10:00am	Inflammation Trauma Congenital Anomalies Pathology of the Lens	Ralph Eagle
10:00am – 11:30am	Pathology of the Conjunctiva Pathology of the Cornea	Tatyana Milmann

Tuesday August 3rd, 2021

7:30am – 9:30am	Pathology of the Retina and Vitreous Pathology of Intraocular Tumors Uveal melanoma and Intraocular Tumor in Adults Retinoblastoma and Pediatric intraocular Tumors	Ralph Eagle
9:30am – 11:30am	Pathology of the Eyelids Pathology of the Orbit and Optic Nerve Pathology of Glaucoma	Tatyana Milmann

Anatomy

Wednesday August 4th, 2021

7:30am – 9:00am	Embryology of the Eye	Hermann Schubert
9:00am – 10:30am	Lens and Anterior Segment	Norman Kleiman
10:30am – 12:00pm	Lids & Lacrimal system	Lora Dagi-Glass

Optics

Thursday August 5th, 2021

7:30am – 8:30am	Refraction of Lights, Prisms	David L. Guyton Kristina Irsch
8:30am – 9:30am	Prisms and Strabismus, Vergence	David L. Guyton Joseph M. Miller Kristina Irsch
9:30am – 10:30am	Lenses and Images	Joseph M. Miller
10:30am – 11:30am	Lenses and Refractive Error	David L. Guyton Kristina Tarczy-Hornoch
11:30am – 12:30pm	Accommodation	David L. Guyton

Friday August 6th, 2021

7:30am – 8:30am	Astigmatism, Retinoscopy	Kristina Tarczy-Hornoch David L. Guyton
8:30am – 9:30am	Contact Lenses, IOLs, Magnification	Joseph M. Miller David L. Guyton
9:30am – 10:30am	Aphakia, Slit Lamp	David L. Guyton Kristina Tarczy-Hornoch
10:30am – 11:30am	Mirrors, Lab Demonstration	David L. Guyton Joseph M. Miller
11:30am – 12:30pm	Low Vision, Bag of Glasses Syndrome	David L. Guyton Kristina Tarczy-Hornoch

Pediatric Ophthalmology

Monday August 9th, 2021

7:30am – 8:30am	Pediatric Eye Exam and Strabismus and Binocular Vision and Sensorial Adaptation to Strabismus	Nathalie Azar
8:30am – 9:00am	Anatomy & Motor Physiology	Craig McKeown
9:00am – 9:30am	Amblyopia	Craig McKeown
9:30am – 10:00am	Pediatric Cataracts	Craig McKeown
10:00am – 11:00am	Eso deviation	Nathalie Azar
11:00am – 11:30am	Exo deviation	Nathalie Azar
11:30am – 12:00pm	Restrictive Strabismus	Nathalie Azar

Tuesday August 10th, 2021

7:30am – 8:00am	Paretic Strabismus	Craig McKeown
8:00am – 8:30am	Special Forms of Strabismus	Craig McKeown
8:30am – 9:30am	Strabismus Surgery	Nathalie Azar
9:30am – 10:00am	Complications of Strabismus Surgery	Craig McKeown
10:00am – 10:30am	Nasolacrimal disorders and neonatal conjunctivitis	Craig McKeown
10:30am – 11:00am	Pediatric Glaucoma	David Walton
11:00am – 11:30am	Pediatric Nystagmus	Craig McKeown
11:30am – 12:00pm	Principles of Genetics	Irene Maumenee

Cornea

Wednesday August 11th, 2021

7:30am – 9:00am	Corneal Anatomy and Physiology Ocular Surface Tumors	Jose de la Cruz
9:00am – 10:30am	Refractive Surgery	Mark Rosenblatt
10:30am – 12:00pm	Anterior Segment Trauma and Reconstruction Chemical Injury	Jose de la Cruz

Thursday August 12th, 2021

7:30am – 9:00am	Infectious Keratitis and Conjunctivitis	Mark Rosenblatt
9:00am – 10:30am	Keratoplasty	Ula Jurkunas
10:30am – 12:00pm	Dry Eye Syndrome Corneal Dystrophies and Degenerations	Sandeep Jain

Cataract

Friday August 13th, 2021

	Anatomy and Pre-op Evaluation Anesthesia Viscoelastics Biometry	
7:30am – 12:00pm	Preparing Your OR Phaco Settings Phaco Step-by-Step Premium IOLs FLACS	Sherleen Chen Cynthia Chiu

Plastics

Monday August 16th, 2021

7:30am – 10:30am	Orbital Imaging Orbital Disease (Neoplasia, Infections, Inflammations) Thyroid Associated Orbitopathy	Jurij Bilyk
10:30am – 12:00pm	Orbital and Adnexal Anatomy	Asa Morton

Tuesday August 17th, 2021

7:30am – 10:30am	Ptosis Lacrimal Entropion / Ectropion Surgical Techniques	Patrick Boulos
10:30am – 12:00pm	Enucleation, Evisceration, and Exenteration Eyelid lesions and Reconstruction	Asa Morton

Wednesday August 18th, 2021

7:30am – 10:00am	Why Aesthetics Orbital Compartment Syndrome Lacerating and Penetrating Trauma Orbital Fractures	Peter Rubin
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Neuro-Ophthalmology

Wednesday August 18th, 2021

10:00am – 10:30am	Approach to visual assessment in children with vision loss from neuro ophthalmic disease	Gena Heidary
10:30am – 11:00am	Approach to pediatric nystagmus	Gena Heidary
11:00am – 11:30am	Congenital optic nerve anomalies	Gena Heidary
11:30am – 12:00pm	Duane Syndrome	Gena Heidary

Thursday August 19th, 2021

7:30am – 8:00am	Fundamental Principles of Neuro-Ophthalmology	Joseph Rizzo
8:00am – 8:30am	Overview of Afferent Visual Function	Joseph Rizzo
8:30am – 9:00am	IIH	Joseph Rizzo
9:00am – 9:30am	Ischemic optic neuropathies (GCA and NAION)	Prem Subramanian
9:30am – 10:00am	Typical and Atypical Optic Neuritis	Prem Subramanian
10:00am – 10:30am	VFs and cases	Prem Subramanian
10:30am – 11:00am	VFs and cases	Prem Subramanian
11:00am – 11:30am	Functional Vision Loss	Prem Subramanian
11:30am – 12:00pm	Pupils	Prem Subramanian

Friday August 20th, 2021

7:30am – 8:00am	Overview of Efferent Visual Function	Joseph Rizzo
8:00am – 8:30am	Overview of Efferent Visual Function	Joseph Rizzo
8:30am – 9:00am	Central Eye Movement Disorders	Joseph Rizzo
9:00am – 9:30am	Five neuroimaging studies every ophthalmologist needs to know	Andy Lee
9:30am – 10:00am	MRI vs CT: Which is which and how to order the right study	Andy Lee
10:00am – 10:30am	FiveNeuroOpDX	Andy Lee
10:30am – 11:00am	5 Wicked Good Neuro-Ophthalmic Pearls	Andy Lee
11:00am – 11:30am	Optic Atrophy is not a Diagnosis	Andy Lee
11:30am – 12:00pm	Celebrity Neuro-op: Teaching cases that make the point	Andy Lee

Glaucoma

Monday August 23rd, 2021

7:30am – 8:00am	Randomized Clinical Trials in Glaucoma	Peter A. Netland
8:00am – 8:30am	Epidemiology and Genetics	Peter A. Netland
8:30am – 9:00am	Primary Open-Angle Glaucoma	Lucy Shen
9:00am – 9:30am	Primary Angle Closure Glaucoma	Lucy Shen
9:30am – 9:45am	BREAK	
9:45am - 10:15am	Secondary Angle-Closure Glaucoma	Peter A. Netland
10:15am - 10:45am	Pigmentary Glaucoma	Peter A. Netland
10:45am - 11:15am	Exfoliation Glaucoma	Peter A. Netland
11:15am - 11:45am	Traumatic Glaucoma	Peter A. Netland
11:45am - 12:00pm	Q and A	

Tuesday August 24rd, 2021

7:30am – 8:00am	Pediatric Glaucoma	Teresa Chen
8:00am – 8:30am	Glaucoma in Pregnancy	Milica Margeta Teresa Chen
8:30am – 9:00am	Uveitic Glaucoma	Milica Margeta
9:00am – 9:30am	Lens-induced Glaucoma	Milica Margeta
9:30am – 9:45am	BREAK	
9:45am - 10:15am	Normal Tension Glaucoma	Peter A. Netland
10:15am - 10:45am	Medical Therapy	Angelo P. Tanna
10:45am - 11:15am	Glaucoma Laser Treatment	David Sola-Del Valle
11:15am - 11:45am	Glaucoma Case Management	Peter A. Netland
11:45am - 12:00pm	Q and A	

Wednesday August 25th, 2021

7:30am – 8:00am	Minimally Invasive Glaucoma Surgery	Peter A. Netland
8:00am – 8:30am	Cataract and Glaucoma	Peter A. Netland
8:30am – 9:00am	Conventional Filtration Surgery	David Sola-Del Valle
9:00am – 9:30am	Glaucoma Drainage Implant Surgery	David Sola-Del Valle

ON DEMAND RECORDINGS (30 min each)

Measurement of IOP	Teresa Chen
Gonioscopy	Teresa Chen
Disc Evaluation	Teresa Chen
Optic Nerve Imaging	Teresa Chen
Visual Field Evaluation	Peter A Netland

Retina

Wednesday August 25th, 2021

9:40am – 10:50am	Age related macular degeneration: basics, evaluation (OCT, FA, ICG) and treatment	Demetrios Vavvas
11:00am – 12:00pm	Macular hole, cystoid macular edema, macular epiretinal membrane, vitreomacular traction	Demetrios Vavvas

Thursday August 26th, 2021

7:30am – 8:15am	Trauma and endophthalmitis	Sangwoo Lee
8:20am – 9:50am	BRAO/CRAO and BRVO/CRVO	Sangwoo Lee
10:00am – 10:55am	Pediatric retina (FEVR, ROP, Coats, etc)	R. V. Paul Chan
11:00am – 12:00pm	Tumors (retinoblastoma, choroidal melanoma, other tumors)	Basil Williams

ON DEMAND RECORDINGS

Due to a prior family commitment, Dr. Rachel Huckfeldt's lectures were pre-recorded and can be found in the gallery.

Retinal electrophysiology and visual function testing	Rachel Huckfeldt
Retinitis pigmentosa and inherited disorders with generalized photo receptor dysfunction	Rachel Huckfeldt
Macular dystrophies and optic anomalies	Rachel Huckfeldt
Practical management of patients with IRDs	Rachel Huckfeldt

Friday August 27th

7:30am – 8:20am	Miscellaneous Macular Diseases	Lucy H. Young
8:20am – 9:20am	Diabetic Retinopathy	Lucy H. Young
9:25am – 11:30am	Infectious Retinitis	Lucy H. Young
10:30am – 11:30pm	Posterior and Panuveitis	Lucy H. Young
11:30am – 12:30pm	Diagnostic imagings and their applications	Lucy H. Young