

## LAWRENCE MATHEW KAUFMAN, M.D., Ph.D.

### EDUCATION:

Emory University Atlanta, Georgia	B.S.	Chemistry/Math	1977
University of Miami Miami, Florida	M.D.	Medicine	1981
University of Miami Miami, Florida	Ph.D.	Physiology & Biophysics	1983

### RESEARCH AND PROFESSIONAL EXPERIENCE:

University of Miami Miami, Florida	Post Doctoral Research Training Fellowship awarded by the National Institute of Health	1980-1983
Mount Sinai Medical Center Miami Beach, Florida	Medical Internship	1983-1984
University of Florida Gainesville, Florida	Ophthalmology Residency	1984-1987
University of Illinois Chicago, Illinois	Pediatric Ophthalmology Fellowship	1987-1988
University of Illinois Chicago, Illinois	Assistant Professor of Ophthalmology	1988-1994
	Associate Professor of Clinical Ophthalmology	1994-present
Cook County Hospital Chicago, Illinois	Consultant in Pediatric Ophthalmology	1988-2002
IL Masonic Medical Center Chicago, Illinois	Director of Pediatric Ophthalmology	1/90-present
Private Practice Chicago, Illinois	Pediatric Ophthalmology and Eye Motility Disorders	1/90-present
Developmental Institute Michael Reese Hospital Chicago, Illinois	Staff Ophthalmologist	4/90-6/92

**MEDICAL LICENSE:**

Illinois: #036-074319 - 1987

Florida: #ME 0067976 - 1995

**HOSPITAL APPOINTMENTS:**

University of Illinois Hospitals, Chicago, IL	Assoc. Prof.	1988
Cook County Hospital, Chicago, IL	Consultant	1988-2002
Advocate Illinois Masonic Medical Center, Chicago, IL	Active	1988
St. Joseph Hospital, Chicago, IL	Consultant	1992
Grant Hospital, Chicago, IL	Consultant	1992-2002
Swedish Covenant Hospital, Chicago, IL	Provisional	1993
St. Elizabeth's Hospital, Chicago, IL	Active	2001

**MEMBERSHIPS:**

American Academy of Ophthalmology – 1985

Diplomat of the American Board of Ophthalmology – 1989

American Association for Pediatric Ophthalmology and Strabismus – 1990

Chicago Medical Society – 1993

Illinois State Medical Society – 1993

American Medical Association – 1993

**HONORS:**

Phi Beta Kappa – 1976

Merck Award in Chemistry – 1976

Alpha Omega Alpha Honor Society – 1981

**PUBLICATIONS:**

Doctoral Dissertation - Neuronal Growth Factors, 1983.

Kaufman LM, Barrett JN: Serum factor supporting the long-term survival of rat spinal cord neurons in culture. *Science* 1983, 220:1394-1396.

Kaufman LM, Barry SN, Barrett JN: Characterization of tissue-derived macromolecules affecting transmitter synthesis in rat spinal cord neurons. *J. Neuroscience* 1985, 5:160-166.

Kaufman LM, Folk ER, Miller MT: Monozygotic twins discordant for Duane's retraction syndrome. *Arch Ophthalmol* 1989, 107:324-325.

Kaufman LM: Modification of an ophthalmic laser for use in sedated, reclining children. *Arch Ophthalmol* 1989, 107:928-929.

Kaufman LM, Folk ER, Miller MT, Tessler HH: Necrotizing scleritis following strabismus surgery for thyroid ophthalmopathy. *J Pediatr Ophthalmol Strabismus* 1989, 26:236-238.

Kaufman LM, Miller MT, Mafee MF: Magnetic resonance imaging of pituitary stalk hypoplasia: a discrete midline anomaly associated with endocrine abnormalities in septo-optic dysplasia. *Arch Ophthalmol* 1989, 107:1485-1489.

Kaufman LM, Folk ER, Chow JM: Invasive sinonasal polyps causing ophthalmoplegia, exophthalmos and visual field loss. *Ophthalmology* 1989, 96:1667-1672.

Young TL, Buchi ER, Kaufman LM, Sugar J, Tso MOM: Respiratory epithelium in a cystic choristoma of the limbus. *Arch Ophthalmol* 1990, 108:1736-1739.

Kaufman LM: Book review: *The Eye in Infancy*. *Retina* 1992, 12:180.

Kaufman LM: Your baby's eyes. Article in "Eye Facts," a community service publication of the University of Illinois at Chicago Eye Center. May/June 1992.

Ticho BH, Kaufman LM, Mafee MF: The "pseudo-lost" muscle: Limitations of clinical, surgical, and diagnostic imaging techniques in the identification of extraocular muscles after trauma. *J Pediatr Ophthalmol Strabismus* 1993, 30:392-395.

Urban RC, Kaufman LM: Mitomycin in the treatment of hypertrophic conjunctival scars after strabismus surgery. *J Pediatr Ophthalmol Strabismus* 1994, 31:96-98.

El-Naggar S, Kaufman LM, Chapman LI, Miller MT, Mafee MF: Tetralateral retinoblastoma. *Annals Ophthalmol* 1995, 27:360-362.

Kaufman LM, Guay—Bhatia LA: Monocanalicular intubation with Monoka tubes for the treatment of congenital nasolacrimal duct obstruction. *Ophthalmol* 1998, 105:336—341.

Villablanca J P, Mafee MF, Kaufman LM, Li S: Diffuse infiltrating retinoblastoma and simulating lesions: value of MRI in diagnosis and clinicopathologic correlations. *Int J Neuroradiol* 1998, 4:41-49.

Kaufman LM: A syndrome of retinitis pigmentosa, congenital ichthyosis, hypergonadotropic hypogonadism, small stature, mental retardation, cranial dysmorphism, and abnormal electroencephalogram. *Ophthalmic Genetics* 1998, 19(2): 69-79.

- Quinn GE, Dobson V, Kivlin J, Kaufman LM, et al: Prevalence of myopia between three months and 5-1/2 years in preterm infants with and without retinopathy of prematurity. *Ophthalmology* 1998, 107(7) 1292-1300.
- Kaufman LM, Villablanca JP, Mafee MF: Diagnostic imaging of cystic lesions in the child's orbit. *Radiologic Clinics of North America* 1998, 36(6), 1149-1163.
- Kaufman LM, Mafee MF, Song CD: Retinoblastoma and simulating lesions: Role of CT, MRI and use of Gd-DTPA. *Radiologic Clinics of North America* 1998, 36(6), 1101-1117.
- Joslin CE, McMahon TT, Kaufman LM: The effectiveness of occluder contact lenses in improving occlusion compliance in patients that have failed traditional occlusion therapy. *Optom Vis Sci* 2002; 79(6), 376-380.
- Edward DR, Kaufman LM: Anatomy, development, and physiology of the visual system. In LM Kaufman (ed), *The Pediatric Clinics of North America*, Vol. 50, pp 1-23. Philadelphia: W.B. Saunders Co., 2003.
- Curnyn KM, Kaufman LM: The eye examination in the pediatrician's office. In LM Kaufman (ed), *The Pediatric Clinics of North America*, Vol. 50, pp 25-40. Philadelphia: W.B. Saunders Co., 2003.
- Friedman LS, Kaufman LM: Guidelines for pediatrician referrals to the ophthalmologist. In LM Kaufman (ed), *The Pediatric Clinics of North America*, Vol. 50, pp 41-53. Philadelphia: W.B. Saunders Co., 2003.
- Thompson L, Kaufman LM: The visually impaired child. In LM Kaufman (ed), *The Pediatric Clinics of North America*, Vol. 50, pp 225-239. Philadelphia: W.B. Saunders Co., 2003.
- Tran T, Kaufman LM: The child's eye in systemic diseases. In LM Kaufman (ed), *The Pediatric Clinics of North America*, Vol. 50, pp 241-258. Philadelphia: W.B. Saunders Co., 2003.
- Castillo BV Jr., Kaufman L: Pediatric tumors of the eye and orbit. In LM Kaufman (ed), *The Pediatric Clinics of North America*, Vol. 50, pp 149-172. Philadelphia: W.B. Saunders Co., 2003.
- Chavez M, Mafee MF, Castillo B, Kaufman LM, Johnstone H, Edard DP. Medulloepithelioma of the Optic Nerve. *J Pediatr Ophthalmol Strabismus* 2004;41:48-52.
- LaRocca V, Gorelick G, Kaufman LM. Medical imaging in pediatric neuro-ophthalmology. *Neuroimaging Clin N Am.* 2005 Feb;15(1):85-105.
- Garcia-Valenzuela E, Kaufman LM. High myopia associated with retinopathy of prematurity is primarily lenticular. *J AAPOS.* 2005 Apr;9(2):121-8.
- Kaufman LM, Doroftei O. Optic glioma warranting treatment in children. *Eye.* 2006 Oct;20(10):1149-64.
- Ticho BH, Ticho KE, Kaufman LM. Combined strabismus and lens surgery. *JAAPOS.* 2006 Oct;10(5):430-4.
- Sulkowski GM, Kaufman LM. Oculomotor abnormalities in a patient with fragile X-associated tremor/ataxia syndrome. *JAAPOS.* 2008 Apr;12(2):195-6.

**PRESENTATIONS:**

- 12/7/88 Retinoblastoma Genetics, Pediatric Grand Rounds, Illinois Masonic Medical Center, Chicago, IL.
- 5/18/88 Necrotizing Scleritis Following Strabismus Surgery for Thyroid Ophthalmopathy (poster), 14th Annual Meeting, AAPOS, Boston, MA.
- 2/24/89 Childhood and Adult Strabismus in a General Practice: Diagnosis and Management, 45th Annual Midwest Clinical Conference, Chicago Medical Society, Chicago, IL.
- 3/9/89 Treatment of Ocular Infections in Childhood, Advances in Pediatrics, Cook County Graduate School of Medicine, Chicago, IL.
- 4/15/89 Peters' Anomaly Associated with an Abnormal Karyotype (poster), 15th Annual Meeting, AAPOS, Kiawa Island, SC.  
Imaging Techniques for Orbital Tumors, 15th Annual Meeting, AAPOS, Kiawa Island, SC.
- 5/24/89 MRI of Pituitary Hypoplasia in Septo Optic Dysplasia, Alumni Day Meeting, Dept. of Ophthalmology & Visual Sciences, University of Illinois College of Medicine, Chicago, IL.
- 5/31/89 Optic Neuritis in Childhood, Pediatric Grand Rounds, Illinois Masonic Medical Center, Chicago, IL.
- 6/20/89 Ocular Infections in Childhood, Pediatric Grand Rounds, Cook County Hospital, Chicago, IL.
- 7/17/89 Pediatric Ophthalmology, Specialty Review of Pediatrics, Cook County Graduate School of Medicine, Chicago, IL.
- 9/23/89 Neonatal Ocular Infections, UIC Eye Center Annual Meeting, Dept. of Ophthalmology & Visual Sciences, University of Illinois College of Medicine, Chicago, IL.
- 2/19/90 Complications of Strabismus Surgery, Charles Warrington Earl Lecture, Chicago Ophthalmological Society, Chicago, IL.
- 7/30/90 Imaging Techniques of Childhood Optic Nerve Disorders, 16th Annual Meeting, AAPOS, Lake George, NY.
- 10/28/90 Craniofacial Anomalies, Annual Meeting, American Academy of Ophthalmology, Atlanta, GA.
- 10/15/91 Craniofacial Anomalies, Annual Meeting, American Academy of Ophthalmology, Anaheim, CA.
- 2/9/92 Graves Ophthalmopathy in Children (poster), 17th Annual Meeting, AAPOS, Maui, HI.  
Mitomycin in the Treatment of Hypertrophic Conjunctival Scars After Strabismus Surgery (poster), 17th Annual Meeting, AAPOS, Maui, HI.
- 3/11/92 Periodic Alternating Nystagmus, 10th Annual Clinical Challenges Day, Dept. of Ophthalmology & Visual Sciences, University of Illinois College of Medicine, Chicago, IL.

- 6/24/92 Retinopathy of Prematurity, Pediatric Rounds, Columbus Hospital, Chicago, IL.
- 7/26/92 Pediatric Ophthalmology, Specialty Review in Pediatrics, National Center for Advanced Medical Education, Chicago, IL.
- 9/8/92 Common Eye Problems in Children, Pediatric Grand Rounds, Ravenswood Hospital, Chicago, IL.
- 10/25/92 Pediatric Ophthalmology, Pediatric Board Review, Osler Institute, Chicago, IL.
- 10/22/92 Ambulatory Pediatric Ophthalmology, Pediatric Grand Rounds, Cook County Hospital, Chicago, IL.
- 11/10/92 Craniofacial Anomalies, Annual Meeting, American Academy of Ophthalmology, Dallas, TX.
- 7/26/93 Pediatric Ophthalmology, Specialty Review in Pediatric Ophthalmology, National Center for Advanced Medical Education, Chicago, IL.
- 8/9/93 Neonatal Ophthalmology, Specialty Review in Neonatology/Perinatology, National Center for Advanced Medical Education, Chicago, IL.
- 11/9/93 Pediatric Ophthalmology, Pediatric Grand Rounds, Ravenswood Hospital, Chicago, IL.
- 1/14/94 Pediatric Ophthalmology, Pediatric Grand Rounds, Columbus Hospital, Chicago, IL.
- 2/2/94 Pediatric Ophthalmology, Pediatric Grand Rounds, Illinois Masonic Medical Center, Chicago, IL.
- 8/31/94 Pediatric Ophthalmology, Family Practice Rounds, Ravenswood Hospital, Chicago, IL.
- 11/3/94 Organizing an Effective Program for Retinopathy of Prematurity, Annual Meeting, American Academy of Ophthalmology, San Francisco, CA.
- 12/7/94 Herpes Simplex Virus Ophthalmia Neonatorum, Pediatric Grand Rounds, Illinois Masonic Medical Center, Chicago, IL.
- 1/17/95 Pediatric Ophthalmology, Family Practice Rounds, Illinois Masonic Medical Center, Chicago, IL.
- 10/10/95 Pediatric Ophthalmology, Pediatric Grand Rounds, Ravenswood Hospital, Chicago, IL.
- 10/14/95 Optic Nerve Hypoplasia, Discovery '95, The Third Low Vision Conference, Chicago, IL.
- 12/2/95 The Blind Infant, Saturday morning lecture series of the Chicago Curriculum in Ophthalmology, University of Illinois Eye and Ear Infirmary, Chicago, IL.
- 12/2/95 Management of Incomitant Strabismus, Saturday morning lecture series of the Chicago Curriculum in Ophthalmology, University of Illinois Eye and Ear Infirmary, Chicago, IL.
- 8/13/96 Pediatric Ophthalmology Review, Pediatric Grand Rounds, Cook County Hospital, Chicago, IL.

- 10/8/97 Surgical Approaches to Infantile Cataracts, Pediatric Cataracts and Glaucoma Symposium, University of Illinois Eye and Ear Infirmary, Chicago, IL.
- 10/16/97 The Pediatric Ophthalmologist's Approach to the Blind Infant, The Fourth Low Vision Conference, sponsored by the Chicago Lighthouse, Chicago, IL.
- 10/16/97 Optic Nerve Hypoplasia, The Fourth Low Vision Conference, sponsored by the Chicago Lighthouse, Chicago, IL.
- 12/16/97 Eye Emergencies in Children, Pediatric Grand Rounds, Cook County Hospital, Chicago, IL.
- 4/4/98 Retinal Complications of Posterior Approach Cataract Extraction in Pediatric Patients (poster), 24<sup>th</sup> Annual Meeting, AAPOS, Palm Springs, CA.
- 5/10/98 Retinopathy of Prematurity - Associated Myopia is Primarily Lenticular (poster), Annual Meeting, ARVO, Ft. Lauderdale, FL.
- 5/14/98 Optic Nerve Hypoplasia, The 1998 Midwest Orthoptic Meeting, University of Illinois Eye and Ear Infirmary. Chicago, IL.
- 5/10/99 Craniofacial Syndromes, Ophthalmology Board Review, Osler Institute, Chicago, IL.
- 5/10/99 Ocular Congenital Anomalies, Ophthalmology Board Review, Osler Institute, Chicago, IL.
- 6/16-18/99 Optic Nerve Hypoplasia, Texas Focus, Texas School for the Blind & Visually Impaired, Corpus Christi, Texas.
- 6/16-18/99 The Blind Child, Texas Focus, Texas School for the Blind & Visually Impaired, Corpus Christi, Texas.
- 9/18/99 Medical Imaging in Pediatric Ophthalmology, UIC Pediatric Ophthalmology & Adult Strabismus Symposium "With an Eye to the Future," UIC Eye Center, Chicago, IL.
- 7/12/00 Retinopathy of Prematurity, The Blind Baby, Retinoblastoma, Pediatric Ophthalmology for the Non-ophthalmologist "An Eye to the Future" UIC Eye Center, Chicago, IL.
- 7/24/00 Neonatal Ophthalmology, St. Joseph Hospital, Chicago, IL
- 9/21/00 An Ophthalmologist's Approach to the Blind Child, Discovery 2000: The Low Vision Conference, Discovery Conference Inc., Chicago, Illinois.
- 10/28/00 Pediatric Ophthalmology Review, American Academy of Pediatrics, 2000 Annual Meeting, Chicago, IL.
- 5/9/01 Pediatric Ophthalmology Review, Pediatric Grand Rounds, Mt. Sinai Hospital, Chicago, IL.
- 8/8/01 Pediatric Ocular Trauma and Red Eye, Pediatric Grand Rounds, Mt. Sinai Hospital, Chicago, IL.
- 8/22/01 Red Eye, Clinical Science Lecture at St. Joseph Hospital, Chicago, Illinois.
- 9/28/02 Optic Nerve Hypoplasia, The Low Vision Conference 2002, Discovery Conference Inc., Chicago, Illinois.

- 1/5/05 Optic Nerve Disorders in Children. 5<sup>th</sup> Annual All-Myanmar Ophthalmology Conference, Myanmar.
- 1/5/05 Evaluation of the Blind Infant. 5<sup>th</sup> Annual All-Myanmar Ophthalmology Conference, Myanmar.
- 1/5/05 Pediatric Neuro-Ophthalmology. 5<sup>th</sup> Annual All-Myanmar Ophthalmology Conference, Myanmar.
- 1/5/05 Paralytic Strabismus. 5<sup>th</sup> Annual All-Myanmar Ophthalmology Conference, Myanmar.
- 1/5/05 Eye Muscle Surgery Techniques. 5<sup>th</sup> Annual All-Myanmar Ophthalmology Conference, Myanmar.
- 10/16/05 The Pediatric Ophthalmologist's Approach to the Blind Infant. Discovery 2005 – The 12<sup>th</sup> Annual Low Vision Conference, Chicago, IL.
- 10/16/05 Optic Nerve Hypoplasia. Discovery 2005 – The 12<sup>th</sup> Annual Low Vision Conference, Chicago, IL.
- 9/27/06 Structural Findings in High Hyperopia. Pediatric Ophthalmology & Adult Strabismus Symposium, “An Eye to the Future.” UIC Eye Center, Chicago, IL.
- 9/12/07 Pediatric Ophthalmology Photo Quiz. Pediatric Ophthalmology for the Non-ophthalmologist, UIC Eye Center, Chicago, IL.
- 12/8/07 Pediatric Ophthalmology. Discovery 2007 – The 13<sup>th</sup> Annual Low Vision Conference, Chicago, IL.
- 2/15/08 Pediatric Ophthalmology. Family Practice Grand Rounds. Advocate Illinois Masonic Medical Center, Chicago, IL.
- 9/19/08 Ophthalmoplegic Migraine. Pediatric Ophthalmology and Adult Strabismus Symposium, UIC Eye Center, Chicago, IL.

