

CURRICULUM VITAE

KENNETH H. FUNG, M.D., M.B.A.

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BOARD CERTIFICATION:

2008 American Board of Ophthalmology

LICENSURE:

2009 State of Washington Medical License

2008 State of Alabama Medical License

2008 State of Mississippi Medical License

2007 State of Tennessee Medical License

WORK EXPERIENCE:

2009 **Associate, Vitreoretinal Surgeon**
Eye Associates Northwest, Seattle, WA

2008 **Clinical Instructor**, Hamilton Eye Institute
The University of Tennessee Department of Ophthalmology, Memphis, TN

1999 **Research Analyst**, Depts. of Ophthalmology and Pathology
Duke University Eye Center and Duke University Medical Center
*Synthesis of novel angiostatic compounds from glucocorticoid precursors;
study of the time course of corneal wound healing following laser
keratectomy with a free electron laser*

1993 -1996 **Research Assistant**, Depts. of Ophthalmology and Pathology
Duke University Medical Center
*Image analysis of the effects of topical angiostatic steroids on corneal
neovascularization*

POSTGRADUATE TRAINING:

- 2007 – 2009 **Vitreoretinal Surgery Fellowship**
Charles Retina Institute, Memphis, TN
- 2004 – 2007 **Ophthalmology Residency**
Hamilton Eye Institute, U.T. Memphis, Memphis, TN
- 2003 – 2004 **Preliminary Year Internship, Internal Medicine**
Pitt County Memorial Hospital, Greenville, NC

EDUCATION:

- 2003 **Doctor of Medicine**
Brody School of Medicine
East Carolina University, Greenville, NC
- 2003 **Master of Business Administration**
School of Business
East Carolina University, Greenville, NC
- 1997 **Master of Physiology**
North Carolina State University, Raleigh, NC
- 1992 **Bachelor of Science, Biology**
Duke University, Durham, NC

ADDITIONAL ACTIVITIES:

- 2006 – 2007 **Technical Advisor**
VR Magic EYESI Cataract and Retina Surgical Simulator
- 2006 - 2007 **Founder and Course Director**
Hamilton Eye Institute Ophthalmology Board Review Course
Designed and implemented a two-day board review course, with lectures covering 10 topics for over 50 regional attendees, fully funded by ophthalmic pharmaceutical industry (free registration and materials). Strategic plan developed for subsequent annual implementation. This course now has national scope and has been expanded to three days.
- 2006 **Volunteer Surgeon**
Performed volunteer cataract and other anterior segment surgeries for local underserved population, with Dr. Jerre Freeman and The World Cataract Foundation, in Ometepe, Mexico.

2006

LASIK Certification

Wang Vision Institute, Nashville, TN

Refractive surgeries performed with IntraLase FS and VISX Star S4 Laser Systems.

PRESENTATIONS and PUBLICATIONS:

Charles, S., Calzada, J.I., **Fung, K.** Medium Term Perfluoro-n-octane for the Repair of Inferior Retinal Detachments with 25-Gauge Primary Vitrectomy and Postoperative Upright Positioning. *Br. J. Ophthalmology*, submitted for review.

Charles, S., **Fung, K.** New Approaches to the Management of Retinal Venous Occlusions. *Ophthalmic Hyperguide*, submitted for review.

Salim S., Netland, P.A., **Fung, K.H.**, Smith, M.E., Aldridge, A. Assessment of the Student Sight Savers Program Methods for Glaucoma Screening. *Ophthalmic Epidemiology*, in press, 2009.

Iannaccone, A., **Fung, K.**, Sheetz, M.E., Stone, E.M. Treatment of Adult-Onset Acute Macular Retinoschisis in Enhanced-S Cone Syndrome with Oral Acetazolamide. *Am. J. Ophthalmology*, 2009 Feb;147(2):307-312.e2. Epub 2008 Oct 4. PMID: 18835469.

Fung, K., Mastellone, J., Chaum, E. Macular Neovascularization in Familial Exudative Retinopathy. *Retinal Cases & Brief Reports*, 2: 319–321, 2008.

Lupinacci, A.P., Netland, P.A., **Fung, K.H.**, Evans, D, Zhao, Y. Comparison of Twice-Daily and Three-Times-Daily Dosing of Dorzolamide in Ocular Hypertension and Primary Open-Angle Glaucoma Patients Treated with Latanoprost. *Adv. Ther.*, 2008 Mar 27.

Fung, K. Diagnostic Evaluation of Uveitic Disorders. *Presented at the Charles Retina Institute Annual CME Course*. Charles Retina Institute. December 9, 2007.

Fung, K., Charles, S. 25-gauge Interface Vitrectomy. *Presented at the Ophthalmology Fellows Program*, Annenberg Center for Health Sciences, Eisenhower Medical Center, December 2007.

Fung, K., Netland, P.A. Validation of a Screening Method for Glaucoma. *Presented at Hamilton Eye Institute Residents Day*, June 2007.

Fung, K.H., Stone, E.M., Iannaccone, A. Enhanced-S Cone Syndrome (ESCS): 40-Year Retrospective Follow-Up Data, Adult-Onset Acute Development of Macular Retinoschisis (RS), and Response to Treatment With Acetazolamide. *Investigative Ophthalmology & Visual Science*. B164, 2007.

Gupta, N., **Fung, K.**, Proia, A.D. The Effects of Calcipotriol, a Synthetic Vitamin D₃ Analog, on Corneal Angiogenesis Induced in the Rat. *Investigative Ophthalmology & Visual Science*, 2005. 46: E-Abstract 4477, 2005.

Blackwell, K.L., Liotcheva, V., Haroon, Z.A., **Fung K.**, Broadwater, G., Anderson, S., Vredenburgh, J., Proia, A., Greenberg, C.S., Dewhirst, M.W., and Harris, L.N. Her-2 gene amplification correlates with higher levels of angiogenesis in primary breast tumors. *Proceedings of the American Society of Clinical Oncology*. 19:2559, 2000.

Fung, K. Human cloning: enhancing life at what cost? *Current Surgery*. 57,2:155-57, 2000.

Fung, K. Corneal neovascularization and the therapeutic effects of novel angiostatic steroids. *Presented at the Annual Research Symposium of the College of Veterinary Medicine*, North Carolina State University. April 1997.

Haque, T., Yamada, M., **Fung, K.H.**, and Proia, A.D. Metabolism of Tritiated Linoleic Acid to 13-HODE by Rat Cornea. *Investigative Ophthalmology & Visual Science*. 36:S142, 1995.

Yamada, M., Haque, T., **Fung, K.H.**, and Proia, A.D. 8-HETE is the lipoxygenase metabolite of arachidonic acid which regulates corneal epithelial wound healing in the rat. *Investigative Ophthalmology & Visual Science*. 36:S572, 1995.

MEMBERSHIPS:

2008 – present American Academy of Ophthalmology

2005 – 2006 American Society of Cataract and Refractive Specialists

HONORS:

2009 Lewis Award, University of Tennessee
Clinical faculty member demonstrating the most outstanding commitment to teaching.

2008 Annenberg Fellow, Ophthalmology Fellows Program

2007 Annenberg Fellow, Ophthalmology Fellows Program
Annenberg Center for Health Sciences, Eisenhower Medical Center

Sigma Iota Epsilon
Honorary and Professional Management Fraternity of the Graduate Business Association