

JAMIE KATHERINE ALEXANDER
Curriculum Vitae

Cornea Associates of Texas
(214) 692-0146
10740 North Central Expressway, Suite 350
Dallas, Texas 75231

POSTGRADUATE TRAINING

07/2015 – 07/2016 **University of Colorado Eye Center, Aurora, Colorado**
Fellowship: Cornea, External Disease, and Refractive Surgery

07/2012 – 06/2015 **Jules Stein Eye Institute, UCLA, Los Angeles, California**
Residency: Ophthalmology

06/2011 – 06/2012 **Baylor College of Medicine, Houston, Texas**
Internship: Preliminary Internal Medicine

EDUCATION

07/2007 – 05/2011 **Baylor College of Medicine, Houston, Texas**
M.D., Medicine with Honors

08/2003 – 05/2007 **University of Southern California, Los Angeles, California**
B.A., Summa Cum Laude, Biological Sciences with Honors

08/1999 – 5/2003 **Flour Bluff High School, Corpus Christi, Texas**
Valedictorian

PROFESSIONAL MEMBERSHIPS

American Academy of Ophthalmology
American Society of Cataract and Refractive Surgery
Cornea Society
Dallas Academy of Ophthalmology
Texas Medical Association

LICENSURE AND ACCREDITATION

American Board of Ophthalmology – Board Certified (2016 – present)
Colorado Medical License DR.0055012 (inactive)
California Medical License A125683 (inactive)
Texas Medical License Q7005 (active)

PUBLICATIONS / PRESENTATIONS

Alexander JK. Intraocular Lens Implantation without Capsular Support: A discussion of classic and emerging techniques for the anterior segment surgeon. Presented at: Texas Health Presbyterian Hospital Dallas 40th Annual Spring Ophthalmology Symposium, April 27, 2018; Dallas, TX.

Alexander JK, Bonnell LN, Lynch AM, Davidson RS, Taravella MJ. Modern Cost of Posterior Capsule Rupture. E-poster presented at: ASCRS Annual Meeting, May 8, 2016; New Orleans, LA.

Alexander JK, Davidson RD. Managing Expectations in Refractive Surgery, *Int Ophthalmol Clin.* 2016; 56(2): 1-17.

Alexander JK, Basak SK, Padilla MD, Yu F, Aldave AJ. International Outcomes of the Boston Type I Keratoprosthesis in Stevens-Johnson Syndrome. *Cornea.* 2015; 34(11): 1387-94.

- Alexander JK**, Basak SK, Padilla MDB, Yu F, Aldave AJ. International Outcomes of the Boston Type I Keratoprosthesis in Stevens-Johnson Syndrome. E-poster presented at: World Cornea Congress VII, April 15-17, 2015; San Diego, CA.
- Alexander JK**, Yu F, Aldave AJ. Five- to Ten-Year Follow-Up of Boston Type I Keratoprosthesis Implantations. Paper presented at: World Cornea Congress VII, April 16, 2015; San Diego, CA.
- Alexander JK**, Yu F, Aldave AJ. Long-term Outcomes in the Boston Type I Keratoprosthesis. Poster presented at: AAO Annual Meeting, October 19, 2014; Chicago, IL.
- Alexander JK**, Aldave AJ, Yu F. Outcomes of the Boston Type I Keratoprosthesis in Stevens-Johnson Syndrome. Paper presented at: ASCRS Annual Meeting, April 28, 2014; Boston, MA.
- Alexander JK**, Rootman DB, Aldave AJ. Boston K-Pro retention in Stevens-Johnson syndrome can be improved. *Ocular Surg News*. September 10, 2014.
- Vo RC, **Alexander JK**, Aldave AJ. Sterile Vitritis after Keratoprosthesis Implantation: Incidence, Management, and Outcomes. Poster presented at: ARVO Annual Meeting, May 6, 2014; Orlando, FL.
- Cunningham MA, **Alexander JK**, Matoba AY, Wilhelmus KR, Jones DB. Management and Outcome of Microbial Anterior Scleritis. *Cornea*. 2011; 30(9): 1020-3.
- Alexander JK**, Edmond JC. Ocular Findings in Pediatric Patients with Resected Posterior Fossa Brain Tumors. Poster presented at: AAPOS Annual Meeting, April 2, 2011; San Diego, CA.
- Hwang AS, Northrup SL, **Alexander JK**, Vo KT, Edmands S. Long-term experimental hybrid swarms between moderately incompatible *Tigriopus californicus* populations: Hybrid inferiority in early generations yields to hybrid superiority in later generations. *Conserv Genet*. 2011; 12: 895-909.
- Pflugfelder Lab, Ocular Surface Center, Baylor College of Medicine, June 2010
Project: IL-13R α 2 and goblet cell production in the conjunctival epithelium in experimental dry eye syndrome; Cytokine response to cyclosporine A in dry eye syndrome.
- Edmands Lab, Marine Population and Conservation Genetics, USC, 2005 – 2007
Project: Long-term inter-population hybridization in *Tigriopus californicus*

RESEARCH PROTOCOLS

- 04/2017 – present CXLUSA, LLC – Sub. Investigator
CXL005: Collagen Cross-Linking with Ultraviolet-A in Asymmetric Corneas
- National Consortium – 8 clinics in the United States
- 09/2018 – present The National Eye Institute – Sub. Investigator
Zoster Eye Disease Study (ZEDS)
A multi-center, randomized, double-masked, placebo-controlled clinical trial of suppressive valacyclovir for one year in immunocompetent study participants with an episode of dendriform epithelial keratitis, stromal keratitis, endothelial keratitis, and/or iritis due to Herpes Zoster Ophthalmicus (HZO) in the year prior to enrollment.
- NYU Langone Medical – federally-funded

AWARDS / HONORS

- 2016 Best Resident/Fellow Poster, ASCRS Annual Meeting 2016
- 2011 Alpha Omega Alpha, BCM
- 2008 Killson Scholar, BCM (Full tuition scholarship)
- 2007 Order of the Laurel and Palm, USC
- 2007 Milo Don Appleman Award, USC, Department of Biological Sciences
(Awarded to the most outstanding graduating senior pursuing a career in the health sciences)
- 2006 Phi Beta Kappa, USC
- 2006 Okin Award, USC, Department of Biological Sciences
(Awarded to the most outstanding sophomore, junior or continuing senior)
- 2005 Phi Kappa Phi, USC

2005 Women in Science and Engineering Research Scholar, USC
2003-2007 Trustee Scholar, USC (full tuition scholarship)
2003 National Merit Scholar

PERSONAL INTERESTS

Amateur Photography

Camping and Hiking

Travel (national and state parks, international)

Spanish (conversational, medical)