

JAMIE KATHERINE ALEXANDER
Curriculum Vitae

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

RESEARCH / PUBLICATIONS / PRESENTATIONS

- Alexander JK**, Davidson RD. Managing Expectations in Refractive Surgery, *Int Ophthalmol Clin.* (In Print)
- 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*

LICENSURE AND ACCREDITATION

American Board of Ophthalmology – Board Eligible
Colorado Medical License DR.0055012 (active)
California Medical License A125683 (active)
Texas Medical License Q7005 (active)

WORK EXPERIENCE

09/2008 – 5/2011 Private Tutor, High School Math and Science, Houston, TX
09/2007 – 12/2008 Library Assistant, Education Resource Center, BCM, Houston, TX
08/2004 – 05/2007 Supplemental Instruction Leader, Calculus II, USC, Los Angeles, CA
05/2006 – 08/2006 Ropes Course Director, John Knox Ranch, Fischer, TX
06-08/2003 and 2004 Resident Camp Counselor, John Knox Ranch, Fischer, TX

AWARDS / HONORS

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

ACTIVITIES / PROFESSIONAL MEMBERSHIPS

American Academy of Ophthalmology, *Member in Training*
American Society of Cataract and Refractive Surgery, *Fellow Member*
BCM Office of Admissions, *Recruitment Representative/Presenter*, 2007 – 2011
BCM Medical Student Council, *Class Representative, Webmaster*, 2007 – 2011
USC Troy Camp, *Co-Executive Director, Director of Counselor Recruitment, Counselor/Volunteer*, 2003 – 2007
USC Order of the Torch, *Member*, 2011

PERSONAL INTERESTS

Amateur Photography
Camping and Hiking
Travel (national and state parks, international)
Spanish (conversational, medical)