

# Curriculum Vitae for Academic Promotion The Johns Hopkins University School of Medicine

April 11, 2025

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Karen Dunlap, O.D.

## DEMOGRAPHIC AND PERSONAL INFORMATION

### CURRENT APPOINTMENTS

Johns Hopkins University School of Medicine.  
Ophthalmology Department  
Assistant Professor

### PERSONAL DATA

Wilmer at Whitemarsh  
4924 Campbell Blvd Suite 100  
Baltimore, MD 21236  
Phone: 443-442-2020  
Fax: 443-442-2021

Wilmer at Greenspring Station  
10753 Falls Rd.  
Lutherville, MD 21053  
Phone: 410-583-2802

Email: [kdunlap1@jhmi.edu](mailto:kdunlap1@jhmi.edu)

## EDUCATION AND TRAINING

1999 - 2003	Bachelor of Science in Biology; Lafayette College
2003 - 2007	Doctor of Optometry; SUNY State College of Optometry
2007 - 2008	Ocular Disease Residency; Baltimore VA Medical Center

## PROFESSIONAL EXPERIENCE

6/2006 - 12/2006	<b>Primary Care Intern, Philadelphia VA Medical Center</b> <i>Philadelphia, PA</i>
12/2006 - 3/2007	<b>Intern, UOC Pediatrics and Vision Therapy Department</b> <b>SUNY State College of Optometry</b> <i>New York, NY</i>
3/2007 - 6/2007	<b>Intern, UOC Ocular disease department</b> <b>SUNY State College of Optometry</b>

*New York, NY*

6/2007 - 6/2008      **Resident, Baltimore VA Medical Center**  
*Baltimore, MD*

2/2008- 5/2008      **Clinician, Professional Vision Associates**  
*Ellicott City, MD*

7/2008-11/2008      **Clinician, Omnivision**  
*Philadelphia, PA*

11/2008-2011      **Instructor, Wilmer Eye Institute**  
*Baltimore, MD*

2011--present      **Assistant Professor of Ophthalmology, Wilmer Eye Institute**  
*Baltimore, MD*

### **RESEARCH ACTIVITIES**

#### **PUBLICATIONS**

Akpek EK, Cassard SD, Dunlap K, Hahn S, Ramulu PY. Donor Corneal Transplantation vs Boston Type 1 Keratoprosthesis in Patients with Previous Graft Failures: A Retrospective Single Center Study (An American Ophthalmological Society Thesis). *Trans Am Ophthalmol Soc* 2015; 113-T31-T312

Han SB, Dunlap KM, Akpek EK (2015). Boston KPro Type I in the Pediatric Age Group. In Soledad Cortina, J de la Cruz (eds.) **Keratoprotheses and Artificial Corneas: Fundamentals and Surgical Applications** (145-152). Springer-Verlag Berlin Heidelberg 2015

Ahmad S, Akpek EK, Gehlbach PL, Dunlap K, Ramulu PY. Predictors of Visual Outcomes Following Boston Type 1 Keratoprosthesis Implantation. *Am J Ophthalmol*. 2015 Apr;159(4):739-47

Utine CA; Tzu J, **Dunlap K**; Akpek EK. "Visual and clinical outcomes of explantation versus preservation of the intraocular lens during keratoprosthesis implantation." *J Cataract Refract Surg*. 2011 Sep; 37(9):1615-22.

**Dunlap K**; Chak G; Aquivella J; Myrowitz E; Akpek E. "Short-term visual outcomes of Boston type I keratoprosthesis implantation." *Ophthalmology*. 2010 Apr;117(4):687-92.

#### **RESEARCH STUDY PARTICIPATION**

Baminercept Study Investigator (1/1/13-2/10/16) A Randomized, Double-blind, Placebo-controlled Phase II Clinical Trial of Baminercept, a Lymphotoxin -  $\beta$  Receptor Fusion Protein, for the Treatment of Primary Sjögren's Syndrome

VIEW-1 Study Certified Refractionist (8/2007 – 6/2008) A Randomized, Double Masked, Active Controlled Phase III Study of the Efficacy, Safety, and Tolerability of Repeated Doses of Intravitreal VEGF Trap in Subjects with Neovascular Age-Related Macular Degeneration

### **EDUCATIONAL ACTIVITIES**

## EDUCATIONAL PUBLICATIONS

- 11/2013 Andrea K Walker, Reviewed by **Karen Dunlap, O.D.** Good eyelid hygiene prevents styes. The Baltimore Sun. Nov 13,2013.  
<http://touch.baltimoresun.com/#section/-1/article/p2p-78169209/>
- 10/2012 Liz Meszaros Reviewed by **Karen Dunlap, O.D.** An Alternative to PK.. Optometry Times. 2012 Oct; 4(10):16-17
- 9/2012 Liz Meszaros Reviewed by **Karen Dunlap, O.D.** DED researchers examine its complexities, recommend treatment based on severity.. Optometry Times. 2012 Sept; 4(9):18,20
- 6/2011 Liz Meszaros Reviewed by **Karen Dunlap, O.D.** Guides for glaucoma screening. Optometry Times. 2011 June; 3(6):1,24

## TEACHING—CME INSTRUCTION

- 3/2025 **18<sup>th</sup> Evidence Based Care in Optometry Conference, Course chairperson, moderator, and speaker.**
- 3/2024 **17<sup>th</sup> Evidence Based Care in Optometry Conference, Course chairperson, moderator, and speaker.**
- 3/2023 **16<sup>th</sup> Evidence Based Care in Optometry Conference, Course chairperson, moderator, and speaker.**
- 3/2022 **15<sup>th</sup> Evidence Based Care in Optometry Conference, Course chairperson, moderator.**
- 3/2021 **14<sup>th</sup> Evidence Based Care in Optometry Conference, Course chairperson, moderator, and speaker.** COPE-ID: 70749 NO, 70834 LV, 70839 GL, 70788 PS, 71004 SD, 71204 GO
- 3/2020 **13<sup>th</sup> Evidence Based Care in Optometry Conference: Special Edition. Course chairperson, moderator.** COPE-ID: 66753-PH, 66616-SD, 66486-PH, 66689-AS, 66491-AS, 66497-GL..
- 3/2019 **12<sup>th</sup> Evidence Based Care in Optometry Conference, Course chairperson, moderator, and speaker:**
- 3/2018 **11<sup>th</sup> Evidence Based Care in Optometry Conference, Course chairperson, moderator, and speaker:** Evidence Based Care in Optometry, Neuro-ophthalmology. COPE-ID: 56455-NO, 56427-AS, 56464-PS, 56374-GO, 56491-GL
- 12/2016 **29<sup>th</sup> Annual Current Concepts in Ophthalmology, speaker.** Ocular Applications of Amniotic Membrane. MD 2017-025 AS
- 5/2016 **9<sup>th</sup> Evidence Based Care in Optometry Conference, speaker:** Evidence Based Care in Optometry 2016, New Technologies and Treatments in Ophthalmic Care. COPE-ID: 48794-AS

- 5/2015                    **8<sup>th</sup> Evidence Based Care in Optometry Conference, speaker:** Evidence Based Care in Optometry 2015, Session 1. COPE-ID: 44749
- 3/2014                    **7<sup>th</sup> Evidence Based Care in Optometry Conference, speaker:** Evidence Based Care in Optometry 2014, Anterior Segment. COPE-ID: 39909-AS
- 3/2013                    **6<sup>th</sup> Evidence Based Care in Optometry Conference, speaker:** Evidence Based Care in Optometry 2013, Anterior Segment. COPE-ID: 36722-AS
- 3/2012                    **5<sup>th</sup> Evidence Based Care in Optometry Conference, speaker:** What is hot in Evidence Based Care for Ocular Surface Disease, including Prosthetic Replacement of the Ocular Surface Ecosystem ( PROSE). COPE-ID: 33483-AS
- 3/2011                    **4<sup>th</sup> Evidence Based Care in Optometry Conference, speaker:** Evidence Based Care in Phakic IOLs, Boston Keratoprosthesis, and instrument screening for corneal pathology. COPE-ID: 30400
- 3/2011                    **4<sup>th</sup> Evidence Based Care in Optometry Conference, speaker:** Evidence Based Care in Glaucoma. COPE-ID: 30465

TEACHING—ACADEMICS

- 10/2008                    **American Academy of Optometry, paper presentation:** Short term visual outcomes of Boston type I keratoprosthesis.
- 3/2008                    **Pennsylvania College of Optometry**  
*Elkins Park, PA*  
 Guest lecturer, Retinal Arteriolar Macroaneurysms
- 2/2008                    **SECO presentation: Recurrent dacryocystitis caused by lacrimal sac mass**  
 Rabia Ali, O.D.; Karen Dunlap, O.D.; Amy Quan, O.D.

CLINICAL ACTIVITIES

- 2010-present            Member, Ocular Surface Disease and Dry Eye Clinic at Wilmer Eye Institute
- 2025                      Member, Neuropathic Eye Pain Clinic at Wilmer Eye Institute

CERTIFICATIONS

- 2007-present            TPA-Licensed Optometrist in the State of Maryland TA2072

RECOGNITION

- 2003 - 2007      Beta Sigma Kappa honor society, SUNY  
                         - international optometric honor society for students with  
                         outstanding academic records
- 2003 - 2006      Schnurmacher Merit Scholarship recipient  
                         - scholarship awarded to the top 10 students in each SUNY class
- 2006              Imperial Optical Paul Berman Scholarship recipient  
                         - awarded to a 4<sup>th</sup> year optometry student in financial need who  
                         demonstrates academic excellence
- 2003              Magna Cum Laude, Lafayette College
- 1999 - 2003      Marquis Scholar, Lafayette College  
                         - college's highest academic honor; given to students who have exhibited  
                         superior academic achievement and intellectual curiosity