

# ERIN A. KEIM, O.D.

## EDUCATION

**Southern College of Optometry** – Memphis, TN

2013 - 2017

Doctorate of Optometry

Honors: summa cum laude

**Elon University** – Elon, NC

2007 - 2011

Bachelor of Science

Major: Biology, Minor: Dance

Honors: magna cum laude

## CLINICAL EDUCATION

**James Cornetta and Associates**- Portsmouth, VA

Spring 2017

- Provided full scope eye care with a focus on ocular disease to an underserved population

**The Eye Center at Southern College of Optometry**- Memphis, TN

Fall 2016

- Gained experience in various specialties associated with the medical center including TearWell Advanced Dry Eye Treatment Center, Vision Therapy and Rehabilitation, Pediatrics, Ocular Disease, and Contact Lenses.

**Lovell Federal Healthcare Center**- North Chicago, Illinois

Summer 2016

- Provider for naval recruits and active duty members as well as managing ocular disease at the VA Hospital

## PROFESSIONAL EXPERIENCE

**Everett and Hurite Eyecare Specialists**

2022- Present

Pediatric Optometrist

- Primary optometrist in the pediatric ophthalmology division of a large medical private practice leading in specialty eyecare in the Pittsburgh area
- Provide comprehensive eye care to patients 26 and under specializing in amblyopia and strabismus, prematurity, glaucoma, neurology, rare genetic disease, rare systemic disease, concussion, and myopia progression
- Provide specialty contact lenses for aphakic infants and children and lead on myopia management

**KMK Educational Services**

2016- Present

Instructor and Coach

- Key lecturer for leading optometry board review service in the United States
- Travel to optometry schools throughout the country and present an intensive lecture series, connecting core optometric principles for optometric licensure preparation
- Educates students in areas of Geometrical Optics, Ophthalmic Optics, Contact Lenses, Low Vision, Binocular Vision, Ocular Motility, Vision Perception, Neuro-Ophthalmic Disorders, and Glaucoma
- Composed 8-hour video lecture series on key review material for Parts 1 and 2 of national boards
- Provide tutoring in a three to one setting meeting weekly to review key Optics and Binocular Vision topics

## **UPMC Children's Hospital of Pittsburgh**

**2019-2022**

Clinical Assistant Professor at the University of Pittsburgh School of Medicine

- Provide comprehensive eye care to patients 26 and under in a medical clinic highly specialized in amblyopia and strabismus, infant cataracts, pediatric glaucoma, neurology, rare genetic disease, rare systemic disease, concussion, and myopia progression
- Provide specialty contact lenses for aphakic infants and children
- Manage perioperative care for children undergoing ocular surgery at CHP
- Primary clinician on myopia management and education
- Lead the Pediatric Diabetic Eyecare Initiative and concussion care within the ophthalmology department
- Attending for ophthalmology residents and pediatric ophthalmology fellows

## **Pediatric and Adult Vision Care**

**2017- 2018**

Director of Traumatic Brain Injury Services

- Responsible for care and coordination of all patients requiring neuro-optometric services including patients suffering from traumatic brain injury, concussion, stroke, and other neurological conditions
- Additional clinical focus on dry eye disease, myopia management and pediatrics
- Implemented clinical training program to assistants and education seminars to staff and community members

## **HONORS AND DISTINCTIONS**

### **Intrepid Eye Society Member 2024**

- Emerging thought leaders in optometry with a goal of promoting excellence and growth in the field

### **American Academy of Optometry Fellowship Candidate**

- Requirements completed, to sit for oral examination October 2025

### **KMK Educational Services Instructor of the Year 2023**

- Awarded to the top instructor based on student reviews across different schools of Optometry

### **KMK Educational Services Newcomer of the Year 2020**

- Awarded to the top new instructor (less than 5 years) based on student reviews

### **Who's Who Among Students in American Universities and Colleges**

- Inclusion based upon academic achievement, community service, leadership in extracurricular activities and potential for continued success

### **Optometric Leadership Excellence Award**

- Awarded for exceptional leadership dedication to the school, community, and profession

### **Drs. Fred and Charlene Burnett Student Research Award**

- Distinction for excellence in research and presentation

### **Gold Key International Leadership Honor Society, Inductee**

- Recognition for top 10% of students nationally excelling in optometric leadership

### **Beta Sigma Kappa International Optometric Honor Society, Inductee**

- Awarded to students who demonstrate exceptional academic achievement

### **First, Second, and Third Year Clinical Science Excellence Award**

- Presented to students for outstanding clinical practice

### **SCO Board of Trustees Endowed Scholarship**

- Scholarship for incoming optometry student recognizing academic achievement and leadership

## COMMUNITY SERVICE

### Project Theia

2022- Present

- Service organization focused on delivering specialized surgical care, eye care, and sustainable healthcare in low-income communities and developing countries
- Provided refractive and medical eye care to local communities as well as clinic in Dallas, TX in coordination with Brother's Brother Foundation

### Lamu Center for Preventative Health

July 2018 and July 2023

- Coordinated and implemented a week-long eye service mission that provided comprehensive refractive and medical eye care to over 300 individuals in rural Kenya

### Mission of Mercy

August 2022

- Provided pediatric optometric services to volunteer medical event for the city of Pittsburgh

### Vision Care from the Heart

May 2017

- Volunteer optometrist providing comprehensive eye examinations and glasses free of charge to the underprivileged people in the Greater Pittsburgh area

### Student Volunteer Optometric Services to Humanity (SVOSH) - Event Chair

2013- 2015

- Provide healthcare to underserved patients of Honduras and Columbia through volunteer and fundraising efforts

## LEADERSHIP

### Pennsylvania Optometric Association Children's Vision Committee

2023- Present

Committee Chair

- Support legislation that would protect the development of normal vision in children
- Create Children's Vision Care Alliance network of providers in Pennsylvania who are committed to protecting and providing children's vision services

### UPMC Children's Hospital of Pittsburgh Optometry Network

2021- 2022

Founder

- Creator of referral network of over 50 optometrists in the Pittsburgh area to collaborate with Children's Hospital of Pittsburgh's Ophthalmology department
- Network for referral of stable patients as well as quarterly continuing education meetings

### AOA Leadership Institute

2021

- Twelve-month program to engage emerging leaders in optometry
- Provide training and personal growth opportunities to support leadership on the local, state and national levels

### Neuro-Optometric Rehabilitation Association (NORA) - National Liaison

2016 - 2017

- Selected as the student representative for all optometry school NORA organizations to facilitate communication to the national chapter. Presented goals and budget planning to the AOA Board of Trustees

### Neuro-Optometric Rehabilitation Association - SCO, Vice President

2013 - 2016

- Organized speakers and opportunities for students with an interest in Neuro- Optometry. Worked with local health professional students to increase exposure to an interdisciplinary model of medical and brain injury practice

## Student Ambassador

2014 - 2017

- Assisted prospective and first year optometry students in their transition to Southern College of Optometry by leading tours and informational sessions regarding SCO and the optometric profession
- Represented SCO at professional engagements and institutional events such as Homecoming and Convocation

## Gamma Omicron - Community Outreach Chair, Founding Member

2014 - 2016

- Created and lead an organization promoting female leadership in optometry, including coordinating volunteer opportunities with the Boys & Girls Club of Memphis

## OPTOMETRIC INDUSTRY

### Alcon

- Facilitator & Speaker

2019

### Allergan

- Consultant
- Advisory Board – San Antonio, TX

2019

## PRESENTATIONS AND ARTICLES

<b>Speaking:</b> "Genetic Eye Disease in the Optometry Practice", Virginia Optometric Association	Jan 2025
<b>Speaking:</b> "Genetic Eye Disease in the Optometry Practice", Kansas Optometric Association	April 2024
<b>Speaking:</b> "The Pediatric Exam for the Primary Care Optometrist", Delaware Optometric Association	Feb. 2024
<b>Speaking:</b> "Genetic Eye Disease in the Optometry Practice", AOA	June 2023
<b>Speaking:</b> "Working Up (and Working With) the Pediatric Patient", AOA	June 2023
<b>Speaking:</b> "The Pediatric Exam for the Primary Care Optometrist", Pennsylvania Optometric Association	Oct. 2022
<b>Speaking:</b> "Diabetic Eye Disease", CHP Endocrinology	Sept. 2020
<b>Speaking:</b> "The Pediatric Exam for the Primary Care Optometrist", POA	Nov. 2019
<b>Speaking:</b> "Myopia Treatment and Secondary Causes: What Not to Miss", CHP Ophthalmology	Oct. 2019
<b>Speaking:</b> "Exploring the Connection Between the Eye and the Kidney", ANNA	May 2019
<b>Speaking:</b> "Optometric Service in Lamu, Kenya"	Sept. 2018
<b>Speaking:</b> "Beyond 20/20: How a Dysfunctional Visual System Affects Learning"	May 2018
<b>Speaking:</b> "Dry Eye Disease: What Everyone Needs to Know"	Oct. 2017
<b>Speaking:</b> "Why You Should Care About Concussions"	Nov. 2016
<b>Poster:</b> Use of EDI-OCT for Visualization of Optic Nerve Head Drusen in a Pediatric Patient	Feb. 2025
<b>Poster:</b> Failed Vision Screening Leads to Optic Nerve Glioma Diagnosis in Pediatric Patient	Nov. 2024
<b>Poster:</b> Concussion Induced Spasm of Near Reflex Exacerbated by COVID-19 Infection, AAO	Oct. 2022
<b>Poster:</b> Diagnosis and Management of a Pediatric Acquired Brown's Syndrome, AOA	June 2020
<b>Poster:</b> Discovery of a Pre-Descemet Corneal Dystrophy, a case report, AOA	June 2016
<b>Poster:</b> Validation of the Dyop™ Visual Acuity, ARVO	May 2014
<b>Video:</b> "Johnson and Johnson Insights Studio: Why Concussion Matters"	Nov. 2018
<b>Video:</b> "Crash Course Part II: Optics, Contact Lenses, and Binocular Vision", KMK Education	June 2018
<b>Video:</b> "Crash Course Part I: Optics, Contact Lenses, and Binocular Vision", KMK Education	April 2018
<b>Video:</b> "Top 5 Things to Know About Concussion", Pediatric and Adult Vision Care	March 2018
<b>Publication:</b> Kapoor S, Eldib A, Hiasat J, et al. Developing a pediatric ophthalmology telemedicine program in the COVID-19 crisis [published online ahead of print, 2020 Sep 2]. J AAPOS. 2020;S1091-8531(20)30166-X. doi:10.1016/j.jaapos.2020.05.008	

**Publication:** Conner, E, Eldib, A ,et al. A Clinical Effectiveness Guideline for Pediatric Oral Fluorescein Angiography with Ultra-widefield Retinal Imaging

**Publication:** Keim, Erin. Concussion Discussion- Be part of the Solution, Foresight Magazine, Spring 2016

**Audiobook:** KMK Educational Services “Binocular Vision”

April 2022

**Audiobook:** KMK Educational Services “Ocular Motility”

April 2022

## RESEARCH

### **Comparison of Interventions to Retard Myopia Progression in Children** 2019- 2022

- Leading retrospective review to compare the effects of different interventions used to retard myopia progression
- Interventions evaluated include monitoring, environmental changes, pharmacological atropine treatment, orthokeratology, and Myovision lenses

### **Validation of the Dyop™ Visual Acuity Test** - Southern College of Optometry 2014 - 2017

- Assisted with evaluating a new Dynamic Optotype, or “Dyop”, using a dynamically rotating, visual arc-area figure to measure acuity was clinically compared to standard Sloan measures of visual acuity under various test conditions. Presented findings at ARVO in May 2014 with Dr. Paul Harris

### **Evolutionary research on mtDNA genome in U.graciosus and U.ornatus** - Elon University 2009 - 2011

- Sequenced and analyzed the mitochondrial DNA in different lizard species to determine if selection occurred in the mitochondrial genome caused by adaptation to extreme temperatures. Culminated in professional presentations and writing.

## PROFESSIONAL MEMBERSHIPS

American Optometric Association

Pennsylvania Optometric Association

American Academy of Optometry