

# CURRICULUM VITAE

## **Melissa Engle, OD, FAAO**

Lead Optometrist, Instructor

Director of Pediatric Optometry Specialty Care Residency Program

Director of Clinical Informatics for Pediatric Ophthalmology

Children's Hospital Colorado

UC Health - Department of Ophthalmology

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## **PREDOCTORAL EDUCATION:**

Pre-medical: Auburn University, Auburn, AL, Bachelor of Science, Summa Cum Laude  
(2008-2012)

Optometry: New England College of Optometry, Boston, MA, Doctor of Optometry,  
(2012-2016)

## **POSTDOCTORAL TRAINING:**

Optometry Residency: Children's Hospital Colorado, Aurora, CO (2016-2017)

## **MEDICAL SCHOOL APPOINTMENTS:**

2018 – Present Instructor of Pediatric Optometry, Children's Hospital Colorado, Aurora,  
CO

## **HOSPITAL STAFF MEMBERSHIPS:**

2016 – Present Children's Hospital Colorado, Instructor, Aurora, CO

2018 – Present University of Colorado Hospital, Instructor, Aurora, CO

## **ADMINISTRATIVE APPOINTMENTS:**

2018 – 2021 Assistant Director of Pediatric Optometry Specialty Care Residency  
Program, Children's Hospital Colorado, Aurora, CO

2019 – Present Director of Clinical Informatics for Pediatric Ophthalmology, Children's  
Hospital Colorado, Aurora, CO

2021 – Present Director of Pediatric Optometry Specialty Care Residency Program,  
Children's Hospital Colorado, Aurora, CO

2023 – Present Lead Optometrist, Children's Hospital Colorado, Aurora, CO

**SPECIALTY BOARD CERTIFICATION:**

2016 – Present National Board of Examiners in Optometry  
2017 – Present Fellow of the American Academy of Optometry  
2020 – Present Certified in Epic Kaleidoscope  
2020 – Present Certified in Epic Physician Builder Basic  
2020 – Present Certified in Epic Physician Builder Advanced

**PROFESSIONAL/COMMUNITY SOCIETIES:**

American Academy of Optometry  
American Optometric Association  
Colorado Optometric Association  
Young Professionals Group of the Colorado Optometric Association

**HONORS AND AWARDS:**

Who's Who Among Students in American Universities & Colleges at Auburn University, March 2012.  
Auburn University College of Sciences and Mathematics Dean's Medalist, May 2012.  
Alpha Epsilon Delta Medical National Honor Society Presidential Scholarship and Regional Scholarship May 2012.  
Presidential Scholarship at the New England College of Optometry, August 2012-May 2016.  
Beta Sigma Kappa International Optometric Honor Society. May 2013 – Present.  
Fellow of the American Academy of Optometry, October 2017 – Present.  
2019 Ponzio Research Accelerator Award, July 2019-July 2020.  
Children's Top 20% Patient Family Experience Award, 2022.

**LICENSES:**

Colorado Optometric License: 3218

**COMMUNITY SERVICE/VOLUNTEER ACTIVITIES:**

College of Sciences and Mathematics Outreach Programs, 2008-2012.  
New England Eye's On-Sight Pediatric Mobile Eye Clinic, 2012-2016.  
Multiple school vision screenings in Boston, MA and Santa Fe, NM, 2012-2016.  
Mission Trip Belize, Central American – 2014.  
Back to School Healthy Kids Fair-Colorado Coalition for the Homeless, 2017 – Present.  
Courage Classic, 2018 – Present.  
Foundation Fighting Blindness Denver Vision Walk 2016 – Present.  
Anchor Center Von's Vision – October 27, 2018.

**COMMITTEES:**

AMC Space Governance Committee, January 2020 – Present  
Administrative Pavilion – Sub Space Committee, January 2020 – Present  
Clinician Builders Committee, January 2020 – Present  
Clinical Informatics Council, January 2020 – Present  
Clinical Informatics Ambulatory Committee, January 2020 – Present

**POSTER PRESENTATIONS:**

*Avoiding Misdiagnosis of Retinitis Pigmentosa*, American Optometric Association, June 2017.

*Pediatric Orbital Myositis: A Rare Finding that Should not be Overlooked*, American Academy of Optometry, October 2019.

*Therapeutic Scleral Lenses in Child with Neurotrophic Keratitis secondary to Intracranial Rhabdomyosarcoma*, Authors: Celeste Gomez and Melissa Engle, American Optometric Association, June 2020.

**LECTURES:**

*Neurotrophic Keratitis: An Overview on Conventional and New Treatments*, Southern College of Optometry Resident Weekend Conference, June 2017.

*Usefulness of the IrisVision head-mounted video low vision aid in young adults and children with congenital or early onset visual impairment*, CCS Research Symposium, Children's Hospital Colorado, February 2020.

*Retinopathy of Prematurity Tracking using Epic Registry and Reports*, Clinician Builders Meeting, July 7, 2022

*Contact Lens Overview*, Children's Colorado Technician Meeting, November 18, 2022

*We Saw a Solution: Optimizing the EHR for Retinopathy of Prematurity*, Epic XGM Conference, May 2023

*How to Successfully Fit your patients with Down Syndrome and Keratoconus in Specialty Contact Lenses*, Global Down Syndrome Foundation, August 17, 2023

**RESEARCH:**

Clinical Investigator for eye exams, Vertex study VX18-659-106, A Phase 3 Study Evaluating the Pharmacokinetics, Safety, and Tolerability of VX-659/TEZ/IVA Triple Combination Therapy in Cystic Fibrosis Subjects 6 Through 11 Years of Age, July 2018 – Present.

Primary Investigator for Usefulness of the IrisVision head-mounted video low vision aid in young people with congenital or early onset visual impairment study, July 2019 – Present.

Clinical Investigator, A Phase III Multicenter, Randomized, Double-Blind, Double-Dummy Study to Evaluate Safety and Efficacy of Ocrelizumab in Children and Adolescents with Relapsing-Remitting Multiple Sclerosis, July 2021 – Present.

Clinical Investigator, WN42086 Operetta 2, A Phase III Multicenter, Randomized, double-blind, double-dummy study to evaluate safety and efficacy of ocrelizumab in comparison with fingolimod in children and adolescents with relapsing-remitting multiple sclerosis, December 2021 – Present