**CURRICULUM VITAE**

**Emily A. McCourt, M.D.**

Associate Professor

Chief of Pediatric Ophthalmology

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**PREDOCTORAL EDUCATION:**

*Pre‑medical:*

University of Pennsylvania, Philadelphia, PA (1996-2000)

Bachelor of Applied Science: Biomedical Science

Bachelor of Arts: Biological Basis of Behavior

*Medical:*

University at Buffalo SOM & Biological Sciences, Buffalo, NY (2003-2007)

**POSTDOCTORAL TRAINING:**

Internship: Saint Joseph’s Exempla Hospital, Denver, CO (2007-2008)

Ophthalmology Residency: University of Colorado, Dept. of Ophthalmology, Denver, CO (2008-2011)

Pediatric Ophthalmology Fellowship: Children’s Hospital Colorado, Denver, CO

 (2011-2012)

**MEDICAL SCHOOL APPOINTMENTS:**

2011-2012 Instructor of Ophthalmology, University of Colorado Denver, Aurora, CO

2012-2017 Assistant Professor of Ophthalmology, University of Colorado Denver, Aurora, CO

2017- Associate Professor of Ophthalmology, University of Colorado Denver, Aurora, CO

**HOSPITAL STAFF MEMBERSHIPS:**

2011 - University of Colorado Hospital, Aurora, CO

 Children’s Hospital Colorado, Aurora, CO

Denver Health Medical Center, Denver, CO

2011-2020 Veteran’s Administration Hospital, Denver, CO

**SPECIALTY BOARD CERTIFICATION:**

2012 – American Board of Ophthalmology

**PROFESSIONAL/ COMMUNITY SOCIETIES:**

American Academy of Ophthalmology

American Association for Pediatric Ophthalmology and Strabismus

Women in Ophthalmology

Colorado Society of Eye Physicians and Surgeons

**HONORS AND AWARDS:**

Dean’s Letter of Commendation 2004-05

Dean’s Letter of Commendation 2005-06

AMA Foundation Scholars Award Recipient 2006

Dean’s Letter of Commendation 2006-07

Dr. Thomas J. Guttuso Award - Academic Excellence in Ophthalmology 2007

Magna Cum Laude 2007

Alpha Omega Alpha 2007

Gold Humanism Honor Society 2007

Patient Family Experience Excellence in Patient Care Award 2017-2021

**LICENSES:**

Colorado Medical License: MD DR50035

**NATIONAL COMMITTEES:**

2016 - 2019 AAPOS Professional Education Committee

2020 - AAPOS Professional Education Committee, Vice Chair

2020 - AAPOS Online Journal Task Force

2021 - AAPOS Professional Education Committee, Chair

2021 - AAPOS Interorganizational Relations Committee

**LOCAL COMMITTEES:**

2018 - Planning Committee for Center for Surgical Services Research Symposium (CCS)

2018 - 2021 Excellence in Communication Committee and Training Course

2019 - 2020 Co-Chair Center for Surgical Services Research Symposium

2021- Operations Committee, Surgical Chairs CHCO

2021 - Center for Children’s Surgery Committee CHCO

**ADMINISTRATIVE APPOINTMENTS/DEPARTMENT OF OPHTHALMOLOGY:**

2021 – Chief of the Division of Pediatric Ophthalmology

2021- Fellowship Director, Pediatric Ophthalmology

2021 - Department of Ophthalmology Leadership team

2012 – 2018 Resident Selection Committee

2021- Resident Selection Committee

2012 - Pediatric Ophthalmology Fellowship Selection Committee

2018 - 2020 Clinical Competency Committee

2012 – Residency Program Evaluation Committee

2012 – Director of Research; Pediatric Ophthalmology

2013 – 2016 Chair Basic Science Committee, Resident Lecture Series, OKAP review

2014 – 2020 Chair, Mock Oral Board Committee

2017 – 2020 Co-Director, University of Colorado Mock Oral Board Course

2021- Member, Mock Oral Board Committee

2021 - University of Colorado Mock Oral Board Course examiner

**PUBMED INDEXED PUBLICATIONS:**

1. **McCourt EA,** Hink EM, Durairaj VD, Oliver SC. Isolated Group B Streptococcal Endogenous Endophthalmitis Simulating Retinoblastoma or Persistent Fetal Vasculature in a Healthy Full-term Infant. J AAPOS 2010 Jul 14. <https://www.ncbi.nlm.nih.gov/pubmed/20637664>
2. **McCourt EA**, Maloney JA, Enzenauer RW. Large Bilateral Dacryocystoceles. J Pediatric Ophthalmology Strabismus. 2010 Jul-Aug;47(4):256. <https://www.ncbi.nlm.nih.gov/pubmed/20635816>
3. **McCourt EA**, Cadena BC, Barnett CJ, Ciardella AP, Mandava N, Kahook MY,
4. Measurement of subfoveal choroidal thickness using spectral domain optical coherence tomography. Ophthalmic Surg Lasers Imaging. 2010 Nov-Dec;41 Suppl:S28-33. <https://www.ncbi.nlm.nih.gov/pubmed/21117598>
5. Miller MS, **McCourt EA** Acute loss of vision in a patient with chronic hepatitis C.

Am J Med Sci. 2012 Jan;343(1):85. <https://www.ncbi.nlm.nih.gov/pubmed/21804370>

1. Soohoo JR, **McCourt EA**, Lenahan DS, Oliver SC. Fluorescein angiogram findings in a case of cutis marmorata telangiectatica congenital. Ophthalmic Surg Lasers Imaging Retina. 2013 Jul-Aug;44(4):398-400. Epub 2013 Jun 12. <https://www.ncbi.nlm.nih.gov/pubmed/23758322>
2. Soohoo JR, Davies BW, Braverman RS, Enzenauer RW, **McCourt EA**. Pediatric traumatic hyphema: a review of 138 consecutive cases. J AAPOS. 2013. PMID:24215806. <https://www.ncbi.nlm.nih.gov/pubmed/24215806>
3. Braund CC, Roosevelt GE**, McCourt EA**, Weisz. The 2012 PEMpix photograph competition award winner: making a case for pringles-flavored carrots. Pediatric Emergency Care. 2014 Dec; 30(12): 900-1. PMID 2546902 <https://www.ncbi.nlm.nih.gov/pubmed/25469602>
4. Capitena C, Glazier R, **McCourt E**, Enzenauer R, Braverman RS. Corneal injuries from liquid detergent pods. J AAPOS. 2015 Feb;19(1):99-100 PMID:25727609. <https://www.ncbi.nlm.nih.gov/pubmed/25727609>
5. Weisfeld-Adams JD, **McCourt EA**, Diaz GA, Oliver SC. Ocular disease in the cobalamin C defect: a review of the literature and a suggested framework for clinical surveillance. Mol Genet Metab 2015 Apr; 114(4):537-46. <https://www.ncbi.nlm.nih.gov/pubmed/25742969>
6. Cao, JH, Wagner BD, **McCourt EA**, Cerda AM, Sillau S, Enzenauer RW, Mets-Halgrimson RB, Paciuc-Beja M, Gralla J, Braverman RS, Lynch AM. Colorado Retinopathy of Prematurity Model: Post Natal Weight Gain Screening Algorithm. J AAPOS 2016 Feb;20(1): 19-24. <https://www.ncbi.nlm.nih.gov/pubmed/26917066>
7. Cao JH, Cerda AM, Wagner BD, **McCourt EA**, Enzenauer RW, Braverman RS Wong RK, Tsui I, Gore C, Robbins S, Puente MA, Kauffman LD, Kong L, Morrison DG, Lynch AM. Colorado Retinopathy of Prematurity Model: A mulit-Institutional Study. JAAPOS 2016 Jun; 20(3): 220-5. <https://www.ncbi.nlm.nih.gov/pubmed/27166790>
8. Zhelnin K, Gebhard G, Mirsky D, Oliver S, Lovell MA, Galambos C, Crombleholme T, **McCourt E**. Pediatric intraocular immature teratoma associated with sacrococcygeal teratoma: case report and review of the literature. Pediatr Dev Pathol. 2016 Jul 6. PMID: 27385488. 2017 Jun;20(3):240-244. <https://www.ncbi.nlm.nih.gov/pubmed/27385488>
9. Lynch AL, Wagner BD, Mandava N, Palestine AG, Mourani PM, **McCourt EA**, Oliver SCN, Abman SH. The relationship of novel plasma proteins in the early neonatal period with retinopathy of prematurity. [Invest Ophthalmol Vis Sci.](https://www.ncbi.nlm.nih.gov/pubmed/27679852) 2016 Sep 1;57(11):5076-5082. <https://www.ncbi.nlm.nih.gov/pubmed/27679852>
10. Diego JL, Bidikov L, Pedler MG, Kennedy JB, Quiroz-Mercado H, Gregory DG, Petrash JM, **McCourt EA.** Effect of human milk as a treatment for dry eye syndrome in a mouse model. Mol Vis 2016 Sep 9;22:1095-1102. PMID:27667918. <https://www.ncbi.nlm.nih.gov/pubmed/27667918>
11. Jung JL, Wagner BD, **McCourt EA**, Cao JH, Cerda A, Enzenauer RW, Braverman RS, Wymore E, Lunch AM. Validation of WINROP for Detecting High Grade Retinopathy of Prematurity in Colorado Preterm Infants. May 2017. Epub ahead of print. <https://www.ncbi.nlm.nih.gov/pubmed/28506724>
12. Ahmad M, Hermanson M, Enzenauer R, Palestine A, **McCourt E**. Granulomatous subconjunctival nodules: a novel finding in Blau Syndrome. JAAPOS, 2017 Jun;21(3):249-251. <https://www.ncbi.nlm.nih.gov/pubmed/28532706>
13. Larochelle MB, Phan R, Craddock J, Abzug MJ, Curtis D, Robinson CC, Giller RH, Cosgrove S, Siringo F, **McCourt E**, Palestine AG. Cytomegalovirus retinitis in pediatric stem cell transplants: report of a recent cluster and the development of a screening protocol. Am J Ophthalmology. March 2017; 175: 8-15. <https://www.ncbi.nlm.nih.gov/pubmed/27746296>
14. Ahmad M, Frank G Palestine A, Gregory D, **McCourt EA**. Amniotic membrane transplants in pediatric Population. JAAPOS 2017 Jun;21(3):215-218. <https://www.ncbi.nlm.nih.gov/pubmed/28450179>
15. **McCourt EA**, Wagner B, Jung J, Wymore E, Singh J, Enzenauer R, Braverman RS, Lynch A. Validation of the CHOP model for detecting high-grade retinopathy of prematurity in a cohort of Colorado infants. Acta Ophthalmologica. June 2017 epub ahead of print. <https://www.ncbi.nlm.nih.gov/pubmed/28653816>
16. Lynch AM, Wagner BD, Hodges JK, Thevarajah TS, **McCourt EA,** Cerda AM, Mandava N, Gibbs RS, Palestine AG. The relationship of the subtypes of preterm birth with retinopathy of prematurity. Am J Obstet Gynecol, 2017. Sep;217(3):354.e1-354.e8. <https://www.ncbi.nlm.nih.gov/pubmed/28545834>
17. Kalhorn A, Tawse K, Shah A, Jung J, Gregory D, **McCourt EA.** Maternal serum tears for the treatment of pediatric persistent epithelial defects: a case series. Cornea. July 2018; 37(7): 912-915. <https://www.ncbi.nlm.nih.gov/pubmed/29324584>
18. **McCourt EA,** Ying GS, Lynch AM, Palestine A, Wagner BD, Wymore E, Tomlinson LA, Binenbaum G. Validation Study of the Colorado Retinopathy of Prematurity Screening Model. [JAMA Ophthalmol.](https://www.ncbi.nlm.nih.gov/pubmed/29543944) 2018 Apr 1;136(4):409-416. <https://www.ncbi.nlm.nih.gov/pubmed/29543944>
19. Lynch AM, Berning AA, Thevarajah TS, Wagner BD, Post MD, **McCourt EA**, Cathcart JN, Hodges JK, Mandava N, Gibbs RS, Palestine AG. The role of maternal and fetal inflammatory response in retinopathy of prematurity. [Am J Reprod Immunol.](https://www.ncbi.nlm.nih.gov/pubmed/29797537) 2018 Sep;80(3):e12986. Epub 2018 May 24. <https://www.ncbi.nlm.nih.gov/pubmed/29797537>
20. Qiu H, Fischer NA, Patniak JL, Jung JL, Singh JK, **McCourt EA**. Frequency of pediatric traumatic cataract and simultaneous retinal detachment. [J AAPOS.](https://www.ncbi.nlm.nih.gov/pubmed/30366052) 2018 Dec;22(6):429-432. Epub 2018 Oct 23. <https://www.ncbi.nlm.nih.gov/pubmed/30366052>
21. Shi A, Kulkarni A, Feldman KW, Weiss A, **McCourt EA**, Schloff S, Partington M, Forbes B, Geddie BE, Bierbrauer K, Phillips PH, Rogers DL, Abed Alnabi W, Binenbaum G, Levin AV. Retinal Findings in Young Children With Increased Intracranial Pressure From Nontraumatic Causes. [Pediatrics.](https://www.ncbi.nlm.nih.gov/pubmed/30630868) 2019 Feb;143(2). Epub 2019 Jan 10. <https://www.ncbi.nlm.nih.gov/pubmed/30630868>
22. Ahmad M, Patniaik J, Thevarajah T, Cathcard J, Jung J, Singh J, Braverman R, Lynch A, **McCourt E**. Delayed resolution of retinopathy of prematurity. [J AAPOS.](https://www.ncbi.nlm.nih.gov/pubmed/30772472) 2019 Feb 14. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/30772472>
23. Nau S, **McCourt EA**, Maloney JA, VanHove JL, Saenz M, Jung JL. COL4A1 mutations in two infants with congenital cataracts and porencephaly: an ophthalmologic perspective. [J AAPOS.](https://www.ncbi.nlm.nih.gov/pubmed/31128271) 2019 August; 23 (4): 246-248 <https://www.ncbi.nlm.nih.gov/pubmed/31128271>
24. Nau SA, **McCourt EA**, Jung JL. Reply. *J AAPOS*. 2019;23(6):362.
25. Cerda AM, **McCourt EA**, Thevarajah T, Wymore E, Lynch AM, Wagner BD. Comparison between weight gain and Fenton preterm growth z scores in assessing the risk of retinopathy of prematurity. JAAPOS 2019 September 11 (epub ahead of print) [https://www.ncbi.nlm.nih.gov/pubmed/31520720\](https://www.ncbi.nlm.nih.gov/pubmed/31520720%5C)
26. Mehner LC, Jung JL, Maloney JA, **McCourt EA**. Ocular findings in Pontine Tegmental Cap Dysplasia. Cornea 2020 Dec;39(12):1516-1519. <https://pubmed.ncbi.nlm.nih.gov/32398424/>
27. Hallgrímsson B, Aponte JD, Katz DC, et al. Automated syndrome diagnosis by three-dimensional facial imaging [published online ahead of print, 2020 Jun 1]. *Genet Med*. <https://pubmed.ncbi.nlm.nih.gov/32475986/>
28. Imbornoni LM, Wise RE, Taravella MJ, Hickey F, **McCourt EA**. Keratoconus and corneal morphology in patients with Down syndrome at a pediatric hospital [published online ahead of print, 2020 May 27]. *J AAPOS*. 2020. <https://pubmed.ncbi.nlm.nih.gov/32473288/>
29. Zupancic JAF, Ying GS, de Alba Campomanes A, Tomlinson LA, Binenbaum G; G-ROP Study Group. Evaluation of the economic impact of modified screening criteria for retinopathy of prematurity from the Postnatal Growth and ROP (G-ROP) study. *J Perinatol*. 2020;40(7):1100-1108. <https://pubmed.ncbi.nlm.nih.gov/32111976/>
30. Flannery DD, Jensen EA, Tomlinson LA, Yu Y, Ying GS, Binenbaum G; and ROP (G-ROP) Study Group. Postnatal Growth is a late finding after sepsis in very preterm infants.. Arch Dis Child Fetal Neonatal Ed. Nov 2020. E pub ahead of print <https://pubmed.ncbi.nlm.nih.gov/33148685/>
31. Weldy EW, Stanley J, Koduri VA, **McCourt EA,** Patniak JL, Kahook MY, Seibold LK. Perceptions of Marijuana Use for Glaucoma from patients, cannabis retailers, and glaucoma specialists. Ophthalmol Glaucoma, Nov 2020; 3 (6) 453-459. <https://pubmed.ncbi.nlm.nih.gov/32782211/>
32. Mehner LC, Wagner BD, Bol KA, Singh JK, Oliver SCN, Patnaik JL, Palestine AG, McCourt EA, Mandava N, Wymore EM, Lynch AM. Trends in Retinopathy of Prematurity over 12 years in a Colorado Cohort. Ophthalmic Epidemiol. 2021 Jun;28(3):220-226. <https://pubmed.ncbi.nlm.nih.gov/32893714/>
33. Strong AD, Sturdy A, McCourt EA, Braverman RS, Singh JK, Ensenauer RW, Jung JL. Clinical Utility of Electroretinograms for Evaluating Vigabatrin Toxicity in Children. J Pediatr Ophthalmol Strabismus May-Jun 2021; 58 (3) 174-179. <https://pubmed.ncbi.nlm.nih.gov/34039156/>
34. Sedhom JA, Patnaik JL, McCourt EA, Liao S, Subramanian PS, Davidson RS, Palestine AG, Kahook MY, Seibold LK. Physician Burnout in Ophthalmology: A National Survey. J Cataract Refract Surg 2021. Sept 30 Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/34596630/>

**OTHER PUBLICATIONS**

1. **McCourt EA,** Kullman G, Kahook MY. Ophthalmic Hyperguide. Case of the Month, November 2009.
2. **McCourt EA,** Jatla K, Zhao F, Enzenauer RW. Conjunctivitis, Neonatal. *eMedicine.* Updated November 2011. Available at <http://emedicine.medscape.com/article/1192190-overview>
3. **McCourt EA,** “Glaucoma” in Clinical Decision Support. PEDIATRICS. Decision Support in Medicine, LLC, Wilmington, DE .
4. Paciuc-Beja M, **McCourt E**. Unilateral Cicatrizing Conjunctivitis and Large Conjunctival Cyst After Preseptal Cellulitis in a 6-Year-Old Boy. J Pediatr Ophthalmol Strabismus. 2013; 50:e47–e48 (online only).
5. Enzenauer RW, **McCourt EA,** Jatla K, Zhao F. Conjunctivitis, Neonatal. *eMedicine.* Updated March 2013. Available at <http://emedicine.medscape.com/article/1192190-overview>
6. Ahmad M, Curtis D, Capitena C, **McCourt EA**. Book Chapter: The eye in pediatric infectious disease. The eye in Pediatric Systemic Disease, Eds Levin & Enzenauer. Springer Publishing, 2017.
7. **McCourt EA**. The Quarterly Update; reviews of current child abuse medical research. (invited review). Fall 2017.
8. Imbornoni L**, McCourt EA**. The Quarterly Update; reviews of current child abuse medical research. (invited review). Spring 2019.

**Abstracts/Posters:**

1. **McCourt EA**, Mandava N, Seibold L, Kahook MY. Subfoveal Choroidal Thickness in Patients with Glaucoma and Ocular Hypertension. American Glaucoma Society. Naples, FL, March 6, 2010.
2. **McCourt EA**, Hink EM, Olson J, Mandava N, Durairaj VD, Oliver SCN. Isolated Group B Streptococcal Endogenous Endophthalmitis Simulating Retinoblastoma in a Healthy Full Term Infant. ARVO Annual Meeting, Ft. Lauderdale, FL, May 6, 2010.
3. **McCourt EA**, Hink EM, Olson J, Mandava N, Durairaj, VD, Oliver SCN. Isolated Group B Streptococcal Endogenous Endophthalmitis Simulating Retinoblastoma in a Healthy Full Term Infant. American Society of Ophthalmic Plastic and Reconstructive Surgery National Spring Meeting, Aspen, CO, June 11, 2010.
4. **McCourt EA,** Oliver SCN, Kahook MY, Mandava N. Subfoveal Choroidal Thickness in Patients with Age Related Macular Degeneration . The Association for Research in Vision and Ophthalmology (ARVO) Meeting, Fort Lauderdale, FL, May 3, 2011.
5. **McCourt EA,** Wei LA, Richards S, Taravella MJ, Enzenauer RW. A Novel Use of Amniotic Membrane for the Treatment of Bilateral Corneal Ulcers Due to Severe Vitamin A Deficiency in an Autistic Child. The Association for Research in Vision and Ophthalmology (ARVO) Meeting, Fort Lauderdale, FL, May 7, 2012.
6. SooHoo J, **McCourt EA,** Braverman RS, Enzenauer RW. Secondary Glaucoma and Pediatric Traumatic Hyphema. The Association for Research in Vision and Ophthalmology (ARVO) Meeting, Fort Lauderdale, FL, May 10, 2012.
7. Bratton EM, **McCourt EA,** Durairaj VD. Occurrence of Facial Fractures in Children Presenting with Hyphema. The Association for Research in Vision and Ophthalmology (ARVO) Meeting, Fort Lauderdale, FL, May 6, 2012.
8. **McCourt EA,** Wei LA, Richards S, Taravella MJ, Enzenauer RW. A Novel Use of Amniotic Membrane for the Treatment of Bilateral Corneal Ulcers Due to Severe Vitamin A Deficiency in an Autistic Child. The Spring Poster Session, Children’s Hospital Colorado, Aurora, Co., May 18, 2012.
9. SooHoo J, **McCourt EA,** Braverman RS, Enzenauer RW. Secondary Glaucoma and Pediatric Traumatic Hyphema. The Spring Poster Session, Children’s Hospital Colorado, Aurora, CO, May 18, 2012.
10. Paciuc M, Nardi-Korver L, **McCourt EA.** Histology of the conjunctiva in longstanding horizontal strabismus. E-poster presentation, 2nd World Congress of Pediatric Ophthalmology and Strabismus. September 7-9, 2012.
11. **McCourt EA**, Davies BW, Mets RB, Braverman RS, Enzenauer RW. Traumatic Hyphema in Children: A review of 138 consecutive cases. American Association for Pediatric Ophthalmology and Strabismus Annual Meeting, Boston, MA., April 4, 2013.
12. Hsu, JL, **McCourt EA**, Sillau S, Braverman RS, Enzenauer RW. Incidence of Retinopathy of Prematurity(ROP) in Infants Greater than 31 Weeks Gestational Age Undergoing Screening Examinations for ROP. American Association for Pediatric Ophthalmology and Strabismus Annual Meeting, Boston, MA., April 4, 2013.
13. Laing, AE, Jung JL**, McCourt EA**, Braverman RS. Electroretinograms Ordered for Vigabatrin Use at the Children’s Hospital Colorado.  The Association for Research in Vision and Ophthalmology (ARVO )Annual Meeting, Seattle, WA, May 8, 2013.
14. Jung JL, Laing AE, **McCourt EA**, Braverman RS. Analysis of electroretinograms performed from 2009 to 2011 at Children's Hospital Colorado. The Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, Seattle, WA, May 8, 2013.
15. Hsu JL, Sillau S, Shelvock C, **McCourt EA**, Braverman RS, Enzenauer R. Net Weight Gain Greater Than 650g as Screening Criteria for Retinopathy of Prematurity. The Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, Seattle, WA, May 8, 2013.
16. SooHoo J**, McCourt EA.** Intraocular Pressure and Traumatic Hyphema in Children. The Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, Seattle, WA, May 9, 2013.
17. **McCourt EA**, Braverman RS, Davies BW. Traumatic hyphema in children: a review of 138 consecutive cases. Spring 2013 Pediatric Research Poster Session, Children’s Hospital Colorado, Aurora, CO. May 17, 2013.
18. Jung JL, Laing AE, **McCourt EA,** Braverman RS. Analysis of electroretinograms performed from 2009 to 2011 at Children’s Hospital Colorado. Spring 2013 Pediatric Research Poster Session, Children’s Hospital Colorado, Aurora, CO. May 17, 2013.
19. Hsu JL, Sillau S, Shelvock C, **McCourt EA**, Braverman RS, Enzenauer R. Net Weight Gain Greater Than 650g as Screening Criteria for Retinopathy of Prematurity. Spring 2013 Pediatric Research Poster Session, Children’s Hospital Colorado, Aurora, CO, May17, 2013.
20. Laing AE, **McCourt EA**, Braverman RS. Electroretinograms Ordered for Vigabatrin Use at the Children’s Hospital Colorado. Spring 2013 Pediatric Research Poster Session, Children’s Hospital Colorado, Aurora, CO. May 17, 2013.
21. Hsu JL, **McCourt EA**, Sillau S, Braverman RS, Enzenauer RW. Incidence of Retinopathy of Prematurity(ROP) in Infants Greater than 31 Weeks Gestational Age Undergoing Screening Examinations for ROP. Spring 2013 Pediatric Research Poster Session, Children’s Hospital Colorado, Aurora, CO. May 17, 2013.
22. Glazier RU, **McCourt EA**, Enzenauer RW, Mets-Halgrimson R, Braverman RS. Detergent capsule ocular injuries; an emerging risk in the United States. Poster presentation at Association for Research in Vision and Ophthalmology (ARVO). Orlando, FL, May 8, 2014;5485/A0059.
23. Singh J, Cerda A, Wagner BD, **McCourt EA**, Cao J, Jung J, Braverman RS, Enzenauer R, Lynch A. Risk of retinopathy of prematurity in singleton versus twins in a Colorado cohort. Poster presented at the ARVO Annual Meeting, Denver, CO, 2-6 May 2015.
24. **McCourt EA**, Kim YC, Cerda A, Singh J, Wagner BD, Jung J, Cao J, Braverman RS, Enzenauer R, Lynch A. Relationship between maternal race/ethnicity and retinopathy of prematurity in a Colorado cohort. Poster presented at the ARVO Annual Meeting, Denver, CO, 2-6 May 2015.
25. Pollard CK, **McCourt EA**, Zegar K. Barriers to Genetic Testing in Pediatric Retinitis Pigmentosa. Poster presented at the ARVO Annual Meeting, Denver, CO, 2-6 May 2015.
26. Diego Jose L, Bidikov Luke, Pedler Michelle, Kennedy Jeffrey B, Petrash J., **McCourt EA**. Treatment of Dry Eye with Human Milk. Poster presented at the ARVO Annual Meeting, Denver, CO, 2-6 May 2015.
27. **McCourt EA**, Kim YC, Cerda A, Singh J, Wagner BD, Jung J, Cao J, Braverman RS, Enzenauer R, Lynch A. Relationship between maternal race/ethnicity and retinopathy of prematurity in a Colorado cohort. Winter Pediatric Research Poster Session, Children’s Hospital Colorado, Aurora, CO. January 22, 2016.
28. Ahmad M, Frank G, Hink E, Palestine A, Gregory D, **McCourt EA**. Amniotic membrane transplants in the pediatric population. American Academy of Ophthalmology Annual Meeting, October 14-17, 2016.
29. Tawse K, Jung J, Gregory D, **McCourt EA,**. Maternal serum tears in the management of pediatric neurotrophic cornea: A case series. American Academy of Ophthalmology Annual Meeting, October 14-17, 2016.
30. Lynch A, Cerda AM, Thevarajah TS, Hodges JK, Wagner BD, Wymore EM, Palestine AG, **McCourt EA**. The Relationship Between the Antecedents of Preterm Birth with Retinopathy of Prematurity. American Association of Pediatric Ophthalmology and Strabismus (AAPOS) annual meeting April 3, 2017, Nashville, TN.
31. Cerda, A, Wagner BD, Lynch A, Jung J, Wymore E, Singh J, Enzenauer RW, **McCourt EA**. The Use of the Fenton Preterm Growth Chart and Z-Scores as Growth Parameters in Assessing the Risk of Retinopathy of Prematurity. American Association of Pediatric Ophthalmology and Strabismus (AAPOS) annual meeting April 3, 2017, Nashville, TN.
32. **McCourt EA**, Ying GS, Lynch A, Cerda AM, Wagner B, Tomlinson L, Binenbaum G. Validation Study of the Colorado Model for Predicting ROP. American Association of Pediatric Ophthalmology and Strabismus (AAPOS) annual meeting April 3, 2017, Nashville, TN.
33. Braverman RS, **McCourt EA**, Cerda AM, Singh J, Wagner BD, Jung JL, Enzenauer RW, Lynch AM. High Rate of Strabismus in a Cohort of Infants Screened for ROP. E poster. American Association of Pediatric Ophthalmology and Strabismus (AAPOS) annual meeting April 5, 2017, Nashville, TN.
34. Ahmad M, Patnaik JL, Thevarajah TS, Lynch A, **McCourt EA**. Delayed Resolution of Retinopathy of Prematurity. Poster presentation at American Association for Pediatric Ophthalmology and Strabismus Annual Meeting. Washington DC, March 18-22, 2018.
35. Singh JK, Wagner BD, **McCourt EA**, Cathcart JN, Oliver SCN, Mathias MT, Wymore EM, Patnaik JL, Mehner LC, Jung JL, Braverman RS, Ahmad M, Enzenauer RW, Palestine AG, Lynch AM. Risk of Requiring Laser Treatment for Retinopathy of Prematurity (ROP) and ROP Outcomes Among Micro-preemies (<25 Weeks). Poster presentation at Association for Research in Vision and Ophthalmology, Honolulu, HI, May 1, 2018.
36. Mackin AG, Jung JL, Patnaik JL, Wagner BD, Wymore E, Hodges J, Singh JK, **McCourt EA**, Cathcart JN, Palestine AG, Lynch AM. IUGR and Risk of Retinopathy of Prematurity. Poster presentation at Association for Research in Vision and Ophthalmology, Honolulu, HI, May 1, 2018.
37. Mehner LC, Wagner BD, Singh JK, Oliver SCN, Chasan JE, Cathcart JN, Patnaik JL, Palestine AG, **McCourt EA**, Lynch AM. Trends in Retinopathy of Prematurity over 10 years in a Colorado Cohort. Poster presentation at Association for Research in Vision and Ophthalmology, Honolulu, HI, May 1, 2018. Poster #2760-B0139.
38. Howe Q, Fischer NA, Patnaik JL, Jung JL, Singh JK, **McCourt EA**. Frequency of Pediatric Traumatic Cataract Complicated by Retinal Detachment. Poster presentation at Association for Research in Vision and Ophthalmology, Honolulu, HI, May 1, 2018.
39. Imbornoni L, Oliver S, Jung JL, Enzenauer RW, Singh JK, Braverman RS, Foreman N, Hemenway M, **McCourt EA**. Incidence of Mitogen-Activated Protein Kinase Inhibitor-Associated Retinopathy in Pediatric Patients. AAPOS Annual Meeting. San Diego, CA, March 28, 2019.
40. Mehner LC, Jung JL, **McCourt EA.** Ocular Findings in Pontine Tegmental Cap Dysplasia. AAPOS Annual Meeting, San Diego, CA March 30, 2019.
41. Mehner LC, Wagner BD, Bol KA, Singh JK, Oliver SCN, **McCourt EA**, Patnaik JL, Palestine AG, Mandava N, Lynch AM. Comparison of Trends in Risk Factors for Retinopathy of Prematurity Over 12 Years in Colorado: How One Academic Medical Center Compares to Statewide Data. Poster presentation at the 45th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus. San Diego, CA, March 27-31, 2019. Poster #6520-A0148.
42. Mehner LC, Wagner BD, Bol KA, Singh JK, Oliver SCN, **McCourt EA**, Patnaik JL, Palestine AG, Mandava N, Lynch AM. Comparison of Trends in Risk Factors for Retinopathy of Prematurity Over 12 Years in Colorado. How One Academic Medical Center Compares to Statewide Data. Poster presentation at Association for Research in Vision and Ophthalmology, Vancouver, British Columbia, Canada, April 28, 2019. Poster #6520-A0148.

 Puente MA, Patnaik JL, Deitz G, McCourt EA, **Jung JL**, Singh JK, Lynch AM. Results of Genetic, Infectious, and Metabolic Testing in the Work-up of Bilateral Pediatric Cataracts at a Tertiary Pediatric Hospital. AAPOS annual meeting, April 9-11, 2021.

 Strong AD, Sturdy A, McCourt EA, Braverman RS, Singh JK, Enzenauer RW, **Jung JL**. Clinical utility of electroretinograms for evaluating vigabatrin toxicity in children. Center of Children’s Surgery Symposium, Children’s Hospital Colorado, Aurora, CO, Feb 19, 2021.

 Strong AD, Sturdy A, McCourt EA, Braverman RS, Singh JK, Enzenauer RW, **Jung JL**. Clinical utility of electroretinograms for evaluating vigabatrin toxicity in children. Capstone Poster Session, Mentored Scholarly Activities program, University of Colorado, Aurora, CO, March 2, 2021.

 Puente MA, McCourt EA, Maloney J, **Jung JL**. Ocular Manifestations of Ruptured Arachnoid Cysts in Pediatric Patients. The Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, May 1-7, 2021.

**PRESENTATIONS:**

1. **McCourt EA**, Barnett C, Ciardella AP, Mandava N, Kahook MY. Measurement of Subfoveal Choroidal Thickness Using Spectral OCT. University of Colorado 13th Annual Ophthalmology Resident, Fellow, Faculty & Alumni Research Day. Aurora, CO, June 13, 2009.
2. **McCourt EA**, Mandava N, Seibold L, Kahook MY. Subfoveal Choroidal Thickness in Patients with Glaucoma and Ocular Hypertension. University of Colorado 14th Annual Ophthalmology Resident, Fellow, Faculty & Alumni Research Day. Aurora, CO, June 19, 2010.
3. **McCourt EA,** Kahook MY, Oliver SCN, Mandava N. Subfoveal Choroidal Thickness in Patients with Age Related Macular Degeneration and a Review of Enhanced Depth Imaging at RMLEI. 15th Annual Ophthalmology Resident, Fellow, Faculty, and Alumni Research Day, University of Colorado Denver, Aurora, CO, June 2011.
4. Strabismus and Pediatric Ophthalmology OKAP Review, University of Colorado Denver, Aurora, CO., March 2, 2012.
5. Removal of Metallic Foreign Body from Angle, **McCourt EA,** Laing A, Faberowski N. ASCRS Film Festival, Chicago, Il, April 23, 2012.
6. Ocular Torticollis**.** Torticollis Collaboration Series, May 29, 2012.
7. **McCourt EA,** SooHoo J, Bratton E, Mets R, Braverman RS, Enzenauer RW. Mechanisms and Outcomes of Traumatic Hyphema in Children. 16th Annual Ophthalmology Resident, Fellow, Faculty, and Alumni Research Day, University of Colorado Denver, Aurora, CO., June 16, 2012.
8. Jung J, Laing A, **McCourt EA,** Braverman RS. Analysis of Electroretinograms Performed from 2009 to 2011 at Children’s Hospital. 16th Annual Ophthalmology Resident, Fellow, Faculty, and Alumni Research Day, University of Colorado Denver, Aurora, CO., June 16, 2012.
9. Laing A, Jung J, **McCourt EA,** Braverman RS. Electroretinograms Ordered for Vigabatrin Use at the Children’s Hospital Colorado. 16th Annual Ophthalmology Resident, Fellow, Faculty, and Alumni Research Day, University of Colorado Denver, Aurora, CO., June 16, 2012.
10. Pediatric Eye Surgery for OR Nurses. Operating Room Nurse Orientation, August 28, 2012.
11. Strabismus and Thyroid Eye Disease. Thyroid Eye Disease Support Group, September 10, 2012.
12. The Eye in Systemic Disease.Denver Health Grand Rounds, Denver Health Medical Center, Denver, CO, November 21, 2012.
13. Ocular Findings in Systemic Disease. Noon Conference for Pediatrics Residents, Children’s Hospital Colorado, Aurora, CO, December 17, 2012.
14. Open Globes in the Emergency Room. Emergency Department Morbidity and Mortality guest speaker, Children’s Hospital Colorado, Aurora, CO, June 5, 2012.
15. **McCourt EA**, SooHoo J, Bratton E, Mets R**,** Braverman RS,Enzenauer RW. Mechanisms and Outcomes of Traumatic Hyphema in Children. 16th Annual Ophthalmology Resident, Fellow, Faculty, and Alumni Research Day, University of Colorado Denver, Aurora, CO., June 16, 2012.
16. Jung J, Laing A, **McCourt EA**, Braverman RS.Analysis of Electroretinograms Performed from 2009 to 2011 at Children's Hospital. 16th Annual Ophthalmology Resident, Fellow, Faculty, and Alumni Research Day, University of Colorado Denver, Aurora, CO., June 16. 2012.
17. Laing A, Jung J, **McCourt EA**, Braverman RS.Electroretinograms Ordered for Vigabatrin Use at the Children’s Hospital Colorado. 16th Annual Ophthalmology Resident, Fellow, Faculty, and Alumni Research Day, University of Colorado Denver, Aurora, CO., June 16, 2012.
18. The Slit Lamp Exam, Emergency Department Noon Conference, Children’s Hospital Colorado, Aurora, CO, July 10, 2012.
19. The Pediatric Eye Exam. New Resident Orientation at the University of Colorado Denver, Aurora, CO., July 11, 2012.
20. The Sensory Exam. Resident Basic Science Series Lecture, December 7, 2012.
21. Sturge-Weber and the Eye: Understanding where we are and where we are going. Sturge-Weber Syndrome Foundation International Conference, Denver, CO, July 17, 2013.
22. Horizontal Strabismus. Resident Basic Science Series Lecture, August 16, 2013.
23. The Use of Supine OCT Imaging in the Pediatric Patient.17th Annual Ophthalmology Symposium, University of Colorado Denver, Aurora, CO, October 12, 2013.
24. Bratton E, **McCourt EA**, Hink E, Durairaj V. Clinical Features and Treatment of Pediatric Eyelid Lacerations: A Review of 1,202 Cases. ASOPRS, New Orleans, LA. November 15, 2013.
25. Cao JH, **McCourt EA**, Enzenauer RW, Mets-Halgrimson R, Braverman RS, Paciuc-Beja M, Quiroz-Mercado H. Modeling Postnatal Weight Gain and ROP Screening. Oral presentation at American Pediatric Retina Society Annual Meeting, Cabo, Mexico, February 14, 2014.
26. Net Weight Gain from Birth to Time of First Retinopathy of Prematurity (ROP) Examination as Predictor for Developing ROP. Jennifer (Hsu) Cao, MD; Anne Lynch, MD, MPH; Brandie Wagner, PhD, MD, MBA; Stefan Sillau, MA; **Emily A.** **McCourt, MD**; Rebecca Mets-Halgrimson, MD; Miguel Paciuc-Beja, MD; Robert W. Enzenauer, MD, MBA**;** Rebecca S. Braverman, MD. Paper presentation at American Association of Pediatric Ophthalmology and Strabismus Annual Meeting, Palm Springs, CA, April 3, 2014.
27. Validation of WINROP for Detecting High-Risk Retinopathy of Prematurity in Colorado Preterm Infants. Jung J, Hsu Cao J, **McCourt EA**, Lynch A, Braverman, RS, Enzenauer RW. 18th Annual Resident, Fellow, Faculty and Alumni Research Day, University of Colorado Denver, Aurora, CO. June 14, 2014.
28. 650g Net Weight Gain from Birth to 1 Month of Age as a Screening Criteria for Retinopathy of Prematurity: the Colorado (CO-ROP) Model. Hsu Cao, J, Wagoner B, **McCourt EA**, Sillau S, Enzenauer RW, Mets-Halgrimson R, Paciuc-Beja M, Braverman RS, Lynch A. 18th Annual Resident, Fellow, Faculty and Alumni Research Day, University of Colorado Denver, Aurora, CO. June 14, 2014.
29. Treatment of Dry Eye with Human Milk. Diego J, Bidikov L, Pedler M, Kennedy J, **McCourt EA**, Petrash JM. 18th Annual Resident, Fellow, Faculty and Alumni Research Day, University of Colorado Denver, Aurora, CO. June 14, 2014.
30. Horizontal Strabismus and the Sensory Exam. Resident Basic Science Series Lecture, August 2014.
31. Neurofibromatosis. 18th Annual Ophthalmology Symposium, University of Colorado Denver, Aurora, CO. September 13, 2014.
32. Validation of WINROP for detecting high grade retinopathy of prematurity in Colorado preterm infants. Jung JL, Cao JH, Lynch A, Cerda A, Wagner BD, Braverman RS, Enzenauer RW, Singh JK, **McCourt EA**. Presented at the 41st Annual Meeting of AAPOS (American Association for Pediatric Ophthalmology and Strabismus, New Orleans, LA, 26 March 2015.
33. Colorado ROP Screening Model: A Multi-institutional Validation Study. Cao J, Cerda AM, Lynch A, Wong RK, Gore C, Puente MA, Morrison DG, **McCourt EA,** Kauffman, D, Tsui I, Robbins, S. Paper presentation at the 41st Annual Meeting of AAPOS (American Association for Pediatric Ophthalmology and Strabismus), New Orleans, LA, 26 March 2015.
34. Neurofibromatosis. Joint Regional American Association of Certified Orthoptists Meeting 2015, Denver, CO, May 28, 2015
35. Validation of WINROP for Detecting High Grade Retinopathy of Prematurity in Colorado Preterm Infants. Jennifer L. Jung, MD; Jennifer H. Cao, MD; **Emily A.** **McCourt, MD**; Ashlee Cerda, MPH; Brandie D. Wagner, PhD; Rebecca S. Braverman, MD; Robert W. Enzenauer, MD, MPH; Jasleen K. Singh, MD; Anne Lynch, MD, MSPH. 19th Annual Ophthalmology Resident, Fellow, Faculty and Alumni Research Day, University of Colorado SOM, Aurora, CO, June 20, 2015.
36. Assessment of Eye Disease in Patients with Nasolacrimal Duct Obstruction and Down Syndrome**. Emily A. McCourt, MD**; Eric M. Hink, MD; Francis Hickey, MD; Brandie Wagner, PhD; Levi Bonnell, MPH; Ashlee Cerda, MPH; Anne Lynch, MD, MSPH. 19th Annual Ophthalmology Resident, Fellow, Faculty and Alumni Research Day, University of Colorado SOM, Aurora, CO, June 20, 2015
37. Ophthalmology. Academic Half Day in Surgical Specialties for the pediatric residents. Children’s Hospital Colorado, July 7, 2015.
38. Treatment of the Pediatric Neurotrophic Cornea. 19th Annual Ophthalmology Symposium, University of Colorado Denver SOM, September 19, 2015.
39. Update on Retinopathy of Prematurity. Neonatalogy fellow’s noon conference. September 30, 2015.
40. Pediatric Neuro-Imaging: what every ophthalmologist should know. Instruction Course. American Academy of Ophthalmology Annual Meeting, Las Vegas, NV, November 15, 2015.
41. Colorado ROP Screening Model: A Multi-Institutional Validation Study. Cao J, Cerda AM, Lynch A, Wong RK, Gore C, Puente MA, Morrison DG, **McCourt EA,** Kauffman, D, Tsui I, Robbins, S. American Academy of Ophthalmology Annual Meeting, Las Vegas, NV, November 16, 2015.
42. Pediatric Eye Surgery for OR Nurses, Operating Room Nurse Orientation, January 11, 2016.
43. Advanced eye assessment for the pediatric nurse practitioner. February 4, 2016.
44. Validation of the CHOP Model for Detecting High-Grade Retinopathy of Prematurity in a Cohort of Colorado Infants. **McCourt EA**, Lynch A, Wagner, B Cerda, A, Jung, J, Singh, J, Enzenauer R, Braverman RS. American Academy of Pediatric Ophthalmology & Adult Strabismus Annual Meeting, Vancouver, Canada, April 6-10, 2016.
45. Tawse KL, Cerda A, Lynch, A, Wagner B, Singh J, **McCourt EA**, Jung J, Enzenauer RW. Infant Race/Ethnicity as a Risk Factor for Type I ROP in a Colorado Cohort. 20th Annual Resident, Fellow, Faculty and Alumni Research Day, University of Colorado SOM, Aurora, CO, June 18, 2016.
46. Amniotic Membrane Transplants in the Pediatric Population. Ahmad M, Frank G, Gregory D, **McCourt EA**. 20th Annual Resident, Fellow, Faculty and Alumni Research Day, University of Colorado SOM, Aurora, CO, June 18, 2016.
47. Congenital Hypertrophy of the Retinal Pigment Epithelium in Patients with Familial Adenomatous Polyposis: Preliminary Results. Capitena C, **McCourt EA**, Schneider KW. 20th Annual Resident, Fellow, Faculty and Alumni Research Day, University of Colorado SOM, Aurora, CO, June 18, 2016.
48. Cytomegalovirus retinitis in the pediatric stem cell transplant population: report of a recent cluster and the development of an ophthalmic screening protocol. Larochelle MB, Phan R, Craddock J, Abzug MJ, **McCourt EA**, Curtis D, Cosgrove S, Siringo F, Robinson C, Giller R, Palestine AG. 20th Annual Resident, Fellow, Faculty and Alumni Research Day, University of Colorado SOM, Aurora, CO, June 18, 2016.
49. Eye disease in Cobalamin C Deficiency. 2016 FOD/OAA Meeting. Westminister, Colorado. July 8, 2016.
50. Pediatric Eye Surgery for OR Nurses, Operating Room Nurse Orientation. July 11, 2016.
51. Ophthalmology. Academic half day in Surgical Specialties for the pediatric residents. Children’s Hospital Colorado, July 12, 2016.
52. Ophthalmology for medical students. August 29, 2016
53. Pediatric Cataract Surgery. 20th Annual Ophthalmology Symposium, University of Colorado SOM, Aurora, CO, September 23, 2016.
54. Pediatric Eye Surgery for OR Nurses, Operating Room Nurse Orientation. October 12, 2016.
55. Pediatric Neuro-Imaging: what every ophthalmologist should know. Instruction Course. American Academy of Ophthalmology Annual Meeting, Chicago, IL, October 17, 2016.
56. Ophthalmology for medical students. November 28, 2016
57. What’s new and Important in Pediatric Ophthalmology and Strabismus 2017. American Academy of Pediatric Ophthalmology & Adult Strabismus Annual Meeting, Nashville, TN, April 4, 2017.
58. Demographics of Retinopathy of Prematurity Follow up. Ballard B, Cerda AM, Wagner BD, Lynch AM, Jung JL, Singh JK, **McCourt EA**, Braverman RS. 21st Annual Resident, Fellow, Faculty and Alumni Research Day, University of Colorado SOM, Aurora, CO, June 24, 2017.
59. Delayed resolution of Retinopathy of Prematurity. Ahmad MS, Patnaik JL, Thevarajah T, Lynch AM, **McCourt EA**. 21st Annual Resident, Fellow, Faculty and Alumni Research Day, University of Colorado SOM, Aurora, CO, June 24, 2017
60. What’s New and Important in Pediatric Ophthalmology and Strabismus 2017. Webinar, May 6, 2017.
61. Colorado Retinopathy of Prematurity Validation Study. G-ROP study group Meeting, Denver Colorado, July 15, 2017.
62. Ophthalmologic Urgencies and Emergencies for Pediatric Residents. Children's Hospital Colorado. August 8, 2017
63. Pediatric Eye Surgery for OR Nurses, Operating Room Nurse Orientation. August 14, 2017.
64. Ophthalmologic Urgencies and Emergencies for Pediatric Residents. Children's Hospital Colorado. August 15, 2017
65. Pediatric Eye trauma. 21st Annual Ophthalmology Symposium, University of Colorado SOM, Aurora, CO, September 16, 2017.
66. What’s new and Important in Pediatric Ophthalmology and Strabismus, American Academy of Ophthalmology, New Orleans, LA, November 14, 2017.
67. Ophthalmology for medical students. November 27, 2017.
68. Peri-Op lecture to CHCO RN’s. Children’s Hospital Colorado, Aurora, CO. April 23, 2018.
69. Mackin AG, Jung JL, Patnaik JL, Wagner BD, Wymore EM, Hodges JK, Singh JK, **McCourt EA**, Cathcart JN, Palestine AG, Lynch AM. Risk of Retinopathy of Prematurity across Fenton Chart Birth Weight Percentiles. Podium presentation at University of Colorado Department of Ophthalmology 22nd Annual Resident, Fellow, Faculty, and Alumni Research Day. Aurora, CO, June 23, 2018.
70. Mehner LC, Wagner BD, Singh JK, Oliver SCN, Chasan JE, Cathcart JN, Patnaik JL, Palestine AG, **McCourt EA**, Lynch AM. Trends in Retinopathy of Prematurity Over 12 Years in a Colorado Cohort. Podium presentation at University of Colorado Department of Ophthalmology 22nd Annual Resident, Fellow, Faculty, and Alumni Research Day. June 23, 2018, Aurora, CO.
71. Wier GP, Ahmad MS, Hink EM, Palestine AG, Gregory DG, **McCourt EA**. Incidence of Nasolacrimal Duct Obstruction in Pediatric Patients after Stevens Johnson Syndrome and Toxic Epidermal Necrolysis. Podium presentation at University of Colorado Department of Ophthalmology, 22nd Annual Resident, Fellow, Faculty, and Alumni Research Day. June 23, 2018, Aurora, CO.
72. What’s New and Important in Pediatric Ophthalmology and Strabismus. American Academy of Ophthalmology Annual Meeting, Chicago, IL, October 28, 2018.
73. Pediatric Ocular Surface Disease. Grand Rounds. Department of Ophthalmology, University of Colorado Denver, Aurora, CO. January 4, 2019.
74. Excellence in Communication training to CHCO faculty. Children’s Hospital Colorado, Aurora, CO. January 11, 2019.
75. What’s New and Important in Pediatric Ophthalmology and Strabismus. 45th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus Annual Meeting, San Diego, CA, March 28, 2019.
76. Excellence in Communication training to CHCO faculty. Children’s Hospital Colorado, Aurora, CO. May 31, 2019
77. Excellence in Communication training to CHCO faculty. Children’s Hospital Colorado, Aurora, CO. September 27, 2019
78. What’s New and Important in Pediatric Ophthalmology and Strabismus. American Academy of Ophthalmology Annual Meeting, San Francisco CA, October 14, 2019.
79. Pearls for pediatric cataracts, Envision meeting. San Juan Puerto Rico, February 14, 2020.
80. Recruiting and retaining talent. Envision Administrative meeting. San Juan, Puerto Rico, February 16, 2020.
81. Myth busters; Corneal crosslinking. Envision Administrative meeting. San Juan, Puerto Rico, February 16, 2020.
82. Ophthalmology for the Pediatrician. Pediatrics Residency lecture series. Children's Hospital Colorado. May 12, 2020 and May 17, 2020.
83. What’s New and Important in Pediatric Ophthalmology and Strabismus. American Academy of Ophthalmology Annual Meeting, Virtual. October 15, 2020.
84. Is this papilledema? Child Neurology Didactic. January 7, 2021
85. Extraocular eye motility. Child Neurology Didactic March 18, 2021
86. What’s New and Important in Pediatric Ophthalmology and Strabismus. AAPOS Annual Meeting, Virtual. Date 2021
87. Adventures in pediatric Cataract surgery AAO 2021
88. What’s New and Important in Pediatric Ophthalmology and Strabismus. American Academy of Ophthalmology Annual Meeting, New Orleans 2021.

**Podcasts**

Charting Pediatrics. Common eye problems in children:

<https://www.childrenscolorado.org/health-professionals/professional-resources/charting-pediatrics-podcast/eye-problems-children/>

Charting Pediatrics. Emergency eye care in children:

<https://www.childrenscolorado.org/health-professionals/professional-resources/charting-pediatrics-podcast/emergency-eye-care/>

PedsRAP. Retinopathy of Prematurity:

<https://www.hippoed.com/peds/rap/episode/snakesonabrain/retinopathyof>

**RESEARCH/GRANTS:**

* National Eye Institute (NEI), NIH, 5 R01 EY021137 03, Binenbaum (PI): “Postnatal growth and retinopathy of prematurity (G-ROP)”, Site PI, 2012-2017.
* Pediatric Eye Disease Investigator Group, Site PI, Site #31
* Jaeb Center for Health Research, PEDIG, C02, COMIRB 14-0052, Repka (PI): “Pediatric Cataract Surgery Outcomes Registry”, Site PI, 2012-2020.
* Jaeb Center for Health Research, PEDIG, NIH, 2U10EY011751, ATS-18, Holmes, Manh (PIs): “Study of Binocular Computer Activities for Treatment of Amblyopia”, Site PI, 2014-2016. COMIRB 14-1762
* University of Colorado-Denver, COMIRB 12-0230, Lynch (PI): “Retinopathy of Prematurity: a retrospective study”, Investigator, 2013-present.
* Children’s Tumor Foundation, The Gilbert Family Foundation Avery/Fisher (PI) Optic Pathway Glioma in Neurofibromatosis Study Group, Site PI, 2015- present
* Retrophin CTX cataract study, Site PI, 2015 -2021
* Ocular Therapeutix Dextenza for pediatric cataract surgery, Site PI 2021- present

**Clinical Fellows**

2012 - 2013 Kimberly Lovelace, MD. Mercyhealth, Janesville WI.

2014 – 2015 Jennifer Jung, MD, Assistant Professor, Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO

2015 – 2016 Kirstin Tawse, MD, ophthalmologist, Kaiser Permanente, Lafayette, CO

2016 – 2017 Brad Ballard, MD, Chief of Pediatric Ophthalmology, US Army Europe, Landstuhl Regional Medical Center, Germany

2017 –2018 Mariam Ahmad, MD, Assistant Professor, Department of Ophthalmology, Denver Health Medical Center, Denver, CO

2018-2019 Lauren Imbornoni, MD, Arizona Eye Consultants, Tuscon, AZ

2019-2020 Michael Puente, MD, Assistant Professor, Department of Ophthalmology, University of Colorado, Aurora, CO

2021 -2022 Casey Smith, MD (current)