**.CURRICULUM VITAE**

**Jennifer L. Jung, M.D.**

Associate Professor

Director, Retinopathy of Prematurity Service

Department of Ophthalmology

University of Colorado School of Medicine

Sue Anschutz-Rodgers Eye Center

1675 Aurora Court, Mail Stop F-731

Aurora, CO 80045

**PREDOCTORAL EDUCATION:**

2001 – 2006 Undergraduate Bachelor of Arts: Biological Sciences

Bachelor of Science: Biopsychology

University of California, Santa Barbara, Goleta, CA

2006 – 2010 Medical Doctor of Medicine

University at Buffalo School of Medicine, Buffalo, NY

**POSTDOCTORAL TRAINING:**

2010 – 2011 Internship Transitional year Internship

Presbyterian/St.Luke’s Medical Center, Denver, CO

2011 – 2014 Residency Ophthalmology

University of Colorado, Aurora, CO

2014 – 2015 Fellowship Pediatric Ophthalmology and Strabismus

Children’s Hospital Colorado, Aurora, CO

2015 – 2020 Preceptorship Pediatric Uveitis (Preceptor: Dr. Alan Palestine)

 Children’s Hospital Colorado, Aurora, CO

**ACADEMIC APPOINTMENTS:**

2014 - 2015 Instructor, University of Colorado School of Medicine

2015 - 2022 Assistant Professor, University of Colorado School of Medicine

2022 - Associate Professor, University of Colorado School of Medicine

**HOSPITAL STAFF APPOINTMENTS:**

2014 - University of Colorado Hospital, Aurora, CO

 Children’s Hospital Colorado, Aurora, CO

Denver Health Medical Center, Denver, CO

 Denver VA Eastern Colorado Health Care System, Aurora, CO

2020 - University of Colorado Hospital, Highlands Ranch, CO

2022 - St. Mary’s Medical Center, Grand Junction, CO

**HONORS AND AWARDS:**

2010 *Alpha Omega Alpha* Medical Honor Society

2010 The E.J. Weisenheimer Award for Ophthalmology

2010 Cum Laude, University at Buffalo SOM & Biological Sciences

2022 Surgical Innovation Leading to Commercialization (SILC) award

2022 Colorado Society of Eye Physicians and Surgeons Humanitarian award

2023 Surgical Innovation Leading to Commercialization (SILC) award

**PROFESSIONAL/COMMUNITY SOCIETIES:**

2010 - *Alpha Omega Alpha* Honor Medical Society (ΑΩΑ)

2011 - American Academy of Ophthalmology (AAO)

2011 - Colorado Medical Society (CMS)

2012 - Association for Research in Vision and Ophthalmology (ARVO)

2014 - American Association for Pediatric Ophthalmology and Strabismus (AAPOS)

2015 - Colorado Society of Eye Physicians and Surgeons (CSEPS)

2017 Surgical Eye Expeditions International (SEE)

2022 - American Uveitis Society (AUS)

**MAJOR ADMINISTRATIVE, COMMITTEE AND SERVICE RESPONSIBILITIES:**

DEPARTMENT OF OPHTHALMOLOGY:

2013 Clinical Competency Committee

2015, 2022 Ophthalmology Residency Selection Committee

2015 - Pediatric Ophthalmology Fellowship Selection Committee

2016 - Member, University of Colorado Mock Oral Board Committee

UNIVERSITY OF COLORADO SOM:

2016 Faculty Panel, Career Panel Night

2018 Preceptor, Foundations of Doctoring

2021 Preceptor/Judge, Capstone Poster Session/Mentored Scholarly Activity

Program

2022 Preceptor, Advanced Science Courses (ASC) for the Medical Science Pillar

HOSPITAL:

2016 - Representative, Perioperative Services Operations Team, Children’s

Hospital Colorado

2018 - Medical Director, Retinopathy of Prematurity Service – University of Colorado

Hospital, Children’s Hospital Colorado

2020 - Abstract reviewer, Session Moderator - Center of Children’s Surgery Symposium, Children’s

Hospital Colorado, Aurora, CO.

2022 - Medical Director, Hybrid Telemedicine Retinopathy of Prematurity Service – Children’s Hospital Colorado, St. Mary’s Medical Center

NATIONAL:

2019 - 2023 Member, AAPOS Pediatric Uveitis Committee

EDITORIAL SERVICES TO SCHOLARLY PUBLICATIONS:

2018 - Journal of American Association of Pediatric Ophthalmology and

Strabismus (JAAPOS)

2018 - BMJ Case Reports

2021 - Acta Paediatrica

2021 - Ophthalmology

2022 - American Journal of Ophthalmology (AJO)

COMMUNITY SERVICE/VOLUNTEER ACTIVITIES:

2016 - 2017 Attending supervisor, Ophthalmology, Dawn Clinic, Aurora, CO

2015 - 2019 Attending Volunteer, Annual 9 Health Fair Vision and glaucoma

screening, Aurora, CO

2017 Volunteer surgeon, Small incision cataract surgery and strabismus surgery. Yamoussoukro, Côte d'Ivoire.

**SPECIALTY BOARD CERTIFICATION:**

2016 - American Board of Ophthalmology

**TEACHING RECORD/DIDACTICS:**

SCHOOL OF MEDICINE:

1. Career Panel – Typical Day in the Life of a Pediatric Ophthalmologist. University of Colorado SOM, Aurora, CO. March 22, 2016.
2. Ophthalmology lecture to pediatric residents. University of Colorado SOM, Aurora, CO. July 2015.
3. Ophthalmology lecture to pediatric residents. University of Colorado SOM, Aurora, CO. July 2016.
4. Ophthalmology Exam. Foundations of Doctoring. University of Colorado SOM, Aurora, CO. September 18, 2018.

HOSPITAL:

1. Retinopathy of Prematurity. NICU graduates lecture series, Children’s Hospital Colorado, Aurora, CO. December 14, 2016.
2. Cerebral Visual Impairment. Developmental Pediatrics lecture series, Children’s Hospital Colorado, Aurora, CO, April 20, 2017.
3. Retinopathy of Prematurity. NICU graduates lecture series, Children’s Hospital Colorado, Aurora, CO, July 12, 2017.
4. Retinopathy of Prematurity. Ophthalmic technician education series, Children’s Hospital Colorado, Aurora, CO, August 19, 2022.

OPHTHALMOLOGY RESIDENCY:

1. The Pediatric Eye Exam. University of Colorado Denver SOM, Department of Ophthalmology, Aurora, CO, July 7, 2014.
2. Pediatric Anterior Segment Abnormalities, Resident Basic Science Series Lecture, University of Colorado Denver SOM, Department of Ophthalmology, Aurora, CO, February 6, 2015.
3. Pediatric Cataracts, Resident Basic Science Series Lecture, University of Colorado Denver SOM, Department of Ophthalmology, Aurora, CO, December 18, 2015.
4. Pediatric Anterior Segment Abnormalities, Resident Basic Science Series Lecture, University of Colorado Denver SOM, Department of Ophthalmology, Aurora, CO, April 29, 2016.
5. Pediatric Cataracts, Resident Basic Science Series Lecture, University of Colorado Denver SOM, Department of Ophthalmology, Aurora, CO, September 2, 2016.
6. Strabismus Wet Lab, University of Colorado Denver SOM, Department of Ophthalmology, Aurora, CO. November 9, 2016.
7. Pediatric Anterior Segment Abnormalities, Resident Basic Science Series Lecture, University of Colorado Denver SOM, Department of Ophthalmology, Aurora, CO, February 17, 2017.
8. Strabismus Wet Lab, University of Colorado Denver SOM, Department of Ophthalmology, Aurora, CO. October 10, 2018.
9. Strabismus, Resident Basic Science Series Lecture, University of Colorado Denver SOM, Department of Ophthalmology, Aurora, CO. October 13, 2018.
10. Pediatric Anterior Segment Abnormalities, Resident Basic Science Series Lecture, University of Colorado Denver SOM, Department of Ophthalmology, Aurora, CO, November 16, 2018.

**PRESENTATIONS (Local, Regional, National)**

LOCAL/REGIONAL PRESENTATIONS:

1. Retinal degeneration induced by disruption of interphotoreceptor retinoid-binding protein in transgenic mice. Medical Student Research Forum, University at Buffalo, Buffalo, NY, January 2008.
2. Tolosa-Hunt Syndrome. Grand Rounds, Department of Ophthalmology, University of Colorado SOM, Aurora, CO, April 20, 2012.
3. PHACES syndrome. Grand Rounds, Department of Ophthalmology, University of Colorado SOM, Aurora, CO, November 16, 2012.
4. Analysis of electroretinograms performed from 2009 to 2011 at Children’s Hospital Colorado. 16th Annual Ophthalmology Resident, Fellow, Faculty, and Alumni Research Day, University of Colorado Denver, Aurora, CO, June 16, 2012.
5. Mohs Surgery. Grand Rounds, Department of Ophthalmology, University of Colorado SOM, Aurora, CO, February 1, 2013.
6. Choroidal and orbital tumors. Tumor Board, Grand Rounds, Department of Ophthalmology, University of Colorado SOM, Aurora, CO, May 3, 2013.
7. Intraocular pressure control after trabeculectomy, phacotrabeculectomy, and phacoemulsification. 17th Annual Ophthalmology Resident, Fellow, Faculty, and Alumni Research Day, University of Colorado Denver, CO, June 15, 2013.
8. Minimally invasive glaucoma surgery. Grand Rounds, Department of Ophthalmology, University of Colorado SOM, Aurora, CO, February 21, 2014.
9. Validation of WINROP for Detecting High-Risk Retinopathy of Prematurity in Colorado Preterm Infants. 18th Annual Resident, Fellow, Faculty and Alumni Research Day, University of Colorado Denver, Aurora, CO. June 14, 2014.
10. Posterior Column Ataxia and Retinitis Pigmentosa. Ophthalmology Grand Rounds, Aurora, CO. December 5, 2014.
11. of WINROP for Detecting High Grade Retinopathy of Prematurity in Colorado Preterm Infants. 19th Annual Ophthalmology Resident, Fellow, Faculty and Alumni Research Day, University of Colorado SOM, Aurora, CO, June 20, 2015.
12. Updates on Abusive Head Trauma. 20th Annual Ophthalmology Symposium. University of Colorado Denver, Hensel Phelps Auditorium, Aurora, CO, September 15-16, 2016.
13. Updates on Myopia in Children. 21st Annual Ophthalmology Symposium. University of Colorado Denver, Hensel Phelps Auditorium, Aurora, CO, September 16, 2017.

NATIONAL PRESENTATIONS:

1. **Jung JL**, Cao JH, Lynch A, Cerda A, Wagner BD, Braverman RS, Enzenauer RW, Singh JK, McCourt EA. Validation of WINROP for detecting high grade retinopathy of prematurity in Colorado preterm infants. Podium presentation at the 41st Annual Meeting of American Association for Pediatric Ophthalmology and Strabismus (AAPOS), New Orleans, LA, March 26, 2015.
2. **Jung JL,** McCourt EA, Singh JK, Maloney J, Braverman RS. Pediatric Neuroimaging: what every ophthalmologist should know. Instruction Course. Panel member and Instructor. American Academy of Ophthalmology (AAO) Annual Meeting, Las Vegas, NV, November 15, 2015.
3. **Jung JL,** McCourt EA, Singh JK, Maloney J, Braverman RS. Pediatric Neuroimaging: what every ophthalmologist should know. Instruction Course. Panel member and Instructor. AAO Annual Meeting, Chicago, IL, October 17, 2016.
4. **Jung JL.** Validation of WINROP for detecting high grade retinopathy of prematurity in Colorado preterm infants. Presenter. AAO/AAPOS Journal Club – Fellowship Committee Selections, August 26, 2020.
5. **Jung JL,** Miraldi-Utz V, Davidson SL, Angeles-Han, ST, Levin AV, Bohnsack BL, Stahl ED. AAPOS Pediatric Uveitis Committee: Surgical Management of Complications of Uveitis in Children. Instruction course – Senior Instructor. AAO Annual Meeting - Virtual, November 13-15, 2020.
6. Miraldi-Utz V, Lerman MA, Kassem I, Stahl ED, **Jung JL,** Davidson SL, Levin AV, Dehne C. Challenges in Pediatric Uveitis: Update on Systemic Management of Pediatric Non-Infectious Uveitis and Family Perspective. Workshop – Presenter. AAPOS Annual Meeting - Virtual, April 9-11, 2021.
7. Singh JK, **Jung JL**, McCourt EM, Bohnsack B, Nischal K. Adventures in complex pediatric cataract surgery. Instruction course – Instructor and Panel member. AAO Annual meeting, New Orleans, LA, November 15, 2021.
8. Miraldi-Utz V, Davidson S, Angeles-Han S, Levin A, **Jung, JL**, Jordan C, Gangwani B, El-Dairi M. AAPOS Pediatric Uveitis Committee: Pediatric Uveitis Cases – A Multi-disciplinary approach to management challenges. Workshop – Presenter. AAPOS Annual Meeting, Scottsdale, AZ, March 25, 2022.
9. Singh JK, **Jung JL**, McCourt EM, Bohnsack B, Nischal K. Adventures in complex pediatric cataract surgery. Instruction course – Instructor and Panel member. AAO Annual meeting, Chicago, IL, Oct 1, 2022.
10. **Jung JL**, Smith C, McCourt EM. Learning Lounge: Pediatric trauma. Speaker. AAO Annual meeting, Chicago, IL, Oct 1, 2022.
11. **Jung JL,** Davidson SL, Lerman MA, LaMattina KC, Gangwani B, El-Dairi M. AAPOS Pediatric Uveitis Committee: How (not) to manage uveitis: Lessions learned from complicated cases. Workshop – Presenter. AAPOS Annual Meeting, New York, NY, March 29-April 2, 2023.

**PUBLICATIONS:**

1. **Jung JL**, Mets-Halgrimson R. Girl with Bilateral Iris Defects and Nystagmus. American Academy of Ophthalmology. August 2014.
2. **Jung JL,** Isida-Llerandi CG, Lazcano-Gomez G, SooHoo JR, Kahook MY. Intraocular Pressure Control after Trabeculectomy, Phacotrabeculectomy

and Phacoemulsifiction in a Hispanic Population. J Curr Glaucoma Pract 2014;8(2):67-74. PubMed PMID: 26997812

1. Capitena CE, Wagner HJ, Ruzas CM, Bennett TD, Baker II PR, **Jung JL,** Weisfeld-Adams JD. Rapid resolutions of infantile lipemia retinalis following exchange transfusion. J Inherit Metab Dis 2016; 39(6): 889-890. PubMed PMID: 27518769
2. **Jung JL**, Wagner BD, McCourt EA, Palestine AG, Cerda A, Cao JH, Enzenauer RW, Singh JK, Braverman RS, Wymore E, Lynch AM. Validation of WINROP for detecting retinopathy of prematurity in a North American cohort of preterm infants. J AAPOS. 2017 Jun;21(3):229-233. PubMed PMID: 28506724
3. McCourt EA, Wagner B, **Jung JL**, 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. 2018 May;96(3):e404-e405. PubMed PMID: 28653816
4. Kalhorn A, Tawse K, Shah A, **Jung JL,** Gregory D, McCourt EA. Maternal serum tears for the treatment of pediatric neurotrophic cornea: a case series. Cornea. 2018 Jul;37(7):912-915. PubMed PMID: 29324584
5. Qiu H, Fischer NA, Patnaik JL, **Jung JL**, Singh JK, McCourt EA. Frequency of pediatric traumatic cataract and simultaneous retinal detachment. J AAPOS. 2018 Dec;22(6):429-432. PubMed PMID: 30366052
6. Ahmad M, Patnaik J, Thevarajah T, Cathcart J, **Jung JL**, Singh J, Braverman R, Lynch A, McCourt E. Delayed resolution of retinopathy of prematurity. J AAPOS. 2019 Apr;23(2):90.e1-90.e6. PubMed PMID: 30772472
7. Singh JK, Wymore EM, Wagner BD, Thevarajah TS, **Jung JL**, Kinsella JP, Palestine AG, Lynch AM. Relationship between severe bronchopulmonary dysplasia and severe retinopathy of prematurity in a Colorado cohort. J AAPOS. 2019 Aug;23(4):209.e1-209.e4.
8. Nau S, McCourt EA, Maloney JA, Van Hove JL, Saenz M, **Jung JL**. COL4A1 mutations in two infants with congenital cataracts and porencephaly: An ophthalmologic perspective. J AAPOS. 2019 Aug;23(4):246-248. PubMed PMID: 31128271
9. Nau SA, McCourt EA, **Jung JL.** Reply: Letter to the Editor. J AAPOS. 2019 Dec;23(6):362. PubMed PMID: 31580895
10. Weldy E, Shimoda A, Patnaik J, **Jung JL**, Singh J. Long-term visual outcomes following abusive head trauma with retinal hemorrhage. J AAPOS. 2019 Dec;23(6):329.e1-329.e4. PubMed PMID: 31655114
11. Carpentier SJ, **Jung JL**, Patnaik JL, Pecen PE, Palestine AG. A cross-sectional online survey identifies subspecialty differences in the management of pediatric cataracts associated with uveitis. Ophthalmol Ther. 2020 Jun;9(2):293-303. PubMed PMID: 32157612
12. Sieck EG, Madabushu A, Patnaik JL, **Jung JL,** Lynch AM, Singh JK. Comparison of different surgical approaches to inferior oblique overaction. J Binocul Vis Ocul Motil. 2020 Jul-Sep;70(3):89-93. PubMed PMID: 32511077
13. Mehner, LC, **Jung JL**, Maloney JA, McCourt EA. Ocular findings in pontine tegmental cap dysplasia. Cornea. 2020 Dec;39(12):1516-1519. PubMed PMID: 32398424
14. **Jung JL**, Khachatryan N, Palestine A. Tumor necrosis factor (TNF) inhibitors for juvenile idiopathic arthritis-associated uveitis (Protocol). Cochrane Database of Systematic Reviews 2020, Issue 12. Art. No.: CD013818. DOI: 10.1002/14651858.CD013818.
15. Strong AD, Sturdy A, McCourt EA, Braverman RS, Singh JK, Enzenauer RW, **Jung JL**. Clinical utility of electroretinograms for evaluating vigabatrin toxicity in children. JPOS. 2021 May-Jun;58(3):174-179. PubMed PMID: 34039156
16. **Jung JL**, Harasawa M, Patnaik JL, Palestine AG. Subtenon triamcinolone acetonide injection with topical anesthesia in pediatric non-infectious uveitis. Ophthalmol Ther. 2022 Apr;11(2):811-820. PMID: 35179713
17. Renton WD\*, **Jung J\*,** Palestine AG. Tumor necrosis factor (TNF) inhibitors for juvenile idiopathic arthritis-associated uveitis. Cochrane Database Syst Rev. 2022 Oct 14;10(10):CD013818. PubMed PMID: 36239193; PMCID: PMC9562090.
18. Mayeda MS, **Jung JL**, McCourt EA, Maloney JA, Puente MA. Ophthalmic manifestations of ruptured arachnoid cysts in children. J AAPOS. 2023 Feb 25:S1091-8531(23)00052-6. doi: 10.1016/j.jaapos.2023.01.011. PMID: 36849036.

**BOOK CHAPTERS (Invited)**

1. **Jung JL**, Siegel LM, Eichenfeld LF, Lueder G. “Ocular Manifestations of Dermatologic Diseases” in *The Eye in Pediatric Systemic Disease.* Springer International. June 2017.
2. **Jung JL**, Braverman RS. Current Diagnosis and Treatment Pediatrics 24th edition. Columbus, OH: McGraw Hill, Inc; c2018. Chapter 16, Eye; p. 447-489.
3. **Jung JL**. Current Diagnosis and Treatment Pediatrics 25th edition. Columbus, OH: McGraw Hill, Inc; c2020. Chapter 16, Eye; p. 414-470.
4. Mehner LC, **Jung JL**. Current Diagnosis and Treatment Pediatrics 26th edition. Columbus, OH: McGraw Hill, Inc; c2022. Chapter 16, Eye; p. 405-450.

**Abstracts:**

**Competitive (Posters)**

1. **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.
2. Laing, AE, **Jung JL,** McCourt EA, Braverman RS. Electroretinograms Ordered for Vigabatrin Use at the Children’s Hospital Colorado. ARVO Annual Meeting, Seattle, WA, May 8, 2013.
3. **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.
4. 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. ARVO Annual Meeting, Denver, CO, 2-6 May 2015.
5. 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. ARVO Annual Meeting, Denver, CO, 2-6 May 2015.
6. Tawse KL, Cerda AM, Lynch AM, Wagner BD, Singh JK, McCourt EA, **Jung JL**, Enzenauer RW. Infant Race/Ethnicity as a Risk Factor for Type 1 ROP in a Colorado Cohort. American Association for Pediatric Ophthalmology and Strabismus (AAPOS) Meeting, Vancouver, BC. April 6-10, 2016.
7. Tawse KL, **Jung JL**, Gregory D, McCourt EM. Maternal Serum Eye Drops in the Management of Pediatric Neurotrophic Cornea: A Case Series. American Academy of Ophthalmology Annual Meeting, Chicago, IL, October 14-18, 2016.
8. 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. AAPOSE Annual Meeting, Nashville, TN. April 5, 2017.
9. Singh JK, Wymore EM, Wagner BD, Thevarajah TS, **Jung JL**, Kinsella JP, Palestine AG, Lynch AM. Relationship between severe bronchopulmonary dysplasia and severe retinopathy of prematurity in a Colorado cohort. AAPOS Annual Meeting, Washington DC. March 18-22, 2018.
10. Mackin A, **Jung JL**, Patnaik JL, Wagner BD, Wymore EM, Hodges JK, Singh JK, McCourt EA, Cathcart J, Palestine AL, Lynch AM. Risk of retinopathy of prematurity across fenton chart birth weight percentiles. ARVO Annual Meeting Honolulu, HI. April 28 – May 3, 2018.
11. Mehner, LC, **Jung JL,** McCourt EA. Ocular Findings in Pontine Tegmental Cap Dysplasia. AAPOS Annual meeting, San Diego, CA. March 27-31, 2019.
12. Imbornoni, LM, Oliver SC, **Jung JL,** Enzenauer RE, 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 27-31, 2019.
13. Miller VJ, Patnaik JL, Lynch AM, **Jung JL,** Pantcheva MB, McCourt EA. Gender representation in an ophthalmology newsletter cover article over time. Women in Ophthalmology annual meeting, Coeur D Alene, ID. Aug 22-25, 2019.
14. Harasawa M**, Jung JL**, Palestine AL. Subtenon triamcinolone injection with topical anesthesia in pediatric uveitis. Center of Children’s Surgery Symposium, Children’s Hospital Colorado, Aurora, CO, Feb 28, 2020.
15. 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.
16. 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.
17. 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.
18. Puente MA, McCourt EA, Maloney J, **Jung JL**. Ocular Manifestations of Ruptured Arachnoid Cysts in Pediatric Patients. ARVO Annual Meeting, May 1-7, 2021.
19. Puente MA, **Jung JL.** Ocular Manifestations of Ruptured Arachnoid Cysts in Pediatric Patients. AAO Annual meeting, New Orleans, LA, November 12-15, 2021.
20. Pan I, Lin C, Palestine AG, **Jung JL**. Efficacy and Safety of Tacrolimus for the Treatment of Pediatric Non-infectious Uveitis. Center of Children’s Surgery Symposium, Children’s Hospital Colorado, Aurora, CO, Feb 18, 2022.
21. Puente MA, McCourt EM, **Jung JL.** Ocular Manifestations of Ruptured Arachnoid Cysts in Pediatric Patients. AAPOS Annual Meeting, Scottsdale, AZ, March 23-27, 2022.
22. Edwards Mayhew, RG, Singh JK, Wise RE, **Jung JL,** Puente MA, Hickey F, McCourt EM. 18 Month Experience of Corneal Topography in Patients with Trisomy 21 at a Tertiary Pediatric Center. AAPOS Annual Meeting, Scottsdale, AZ, March 23-27, 2022.
23. Pan I, Lin C, Palestine A, **Jung J.** Efficacy and Safety of Tacrolimus for the Treatment of Pediatric Noninfectious Uveitis. ARVO Annual Meeting, Denver, CO, May 1-4, 2022.
24. Nihalani BR, **Jung J**, et al. Clinical Outcomes in Pediatric Tubulointerstitial Nephritis and Uveitis Syndrome (TINU): A Multicenter Review. AAPOS Annual Meeting, New York, NY, March 29-April 2, 2023.

**Competitive (Oral Presentations)**

1. **Jung JL**, Cao JH, Lynch A, Cerda A, Wagner BD, Braverman RS, Enzenauer RW, Singh JK, McCourt EA. Validation of WINROP for detecting high grade retinopathy of prematurity in Colorado preterm infants. Podium presentation at the 41st Annual Meeting of American Association for Pediatric Ophthalmology and Strabismus (AAPOS), New Orleans, LA, March 26, 2015.
2. Mehner, LC, **Jung JL,** McCourt EA. Ocular Findings in Pontine Tegmental Cap Dysplasia, Podium presentation at Center of Children’s Surgery Symposium, Children’s Hospital Colorado, Aurora, CO, March 1, 2019.
3. 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. Center of Children’s Surgery Symposium, Children’s Hospital Colorado, Aurora, CO, Feb 28, 2020.
4. Weldy E, Shimoda A, Patnaik J, **Jung J**, Singh J. Long-term visual outcomes following abusive head trauma with retinal hemorrhage. Center of Children’s Surgery Symposium, Children’s Hospital Colorado, Aurora, CO, Feb 28, 2020.

**Non-Competitive (Oral Presentations)**

1. Tawse KL, Cerda A, Lynch A, Wagner B, Singh J, McCourt EA, **Jung JL,** Enzenauer RW. Infant Race/Ethnicity as a Risk Factor for Type 1 ROP in a Colorado Cohort. 20th Annual Resident, Fellow, Faculty and Alumni Research Day, University of Colorado SOM, Aurora, CO, June 18, 2016.
2. Ballard B, Cerda AM, Wagner BD, Lynch AM, **Jung JL,** Singh JK, McCourt EA, Braverman RS. Demographics of Retinopathy of Prematurity Follow up. 21st Annual Resident, Fellow, Faculty and Alumni Research Day, University of Colorado SOM, Aurora, CO, June 24, 2017.
3. Harasawa M**, Jung JL**, Palestine AL. Subtenon triamcinolone injection with topical anesthesia in pediatric uveitis. 24th Annual Resident, Fellow, Faculty and Alumni Research Day, University of Colorado SOM, Aurora, CO, June 20, 2020.
4. Weldy E, Shimoda A, Patnaik J, **Jung J**, Singh J. Long-term visual outcomes following abusive head trauma with retinal hemorrhage. 24th Annual Resident, Fellow, Faculty and Alumni Research Day, University of Colorado SOM, Aurora, CO, June 20, 2020.
5. 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. 24th Annual Resident, Fellow, Faculty and Alumni Research Day, University of Colorado SOM, Aurora, CO, June 20, 2020.
6. Weldy E, Shimoda A, Patnaik J, **Jung JL**, Singh J. Long-term visual outcomes following abusive head trauma with retinal hemorrhage. 25th Annual Resident, Fellow, Faculty and Alumni Research Day, University of Colorado SOM, Aurora, CO, June 19, 2021.

**RESEARCH INTERESTS/SUPPORT:**

- Retinopathy of Prematurity – outcomes, treatment, risk factors

- Pediatric uveitis – prevalence, outcomes, treatment

- JIA uveitis

- Pars planitis

- Pediatric cataracts

- Ocular manifestations of systemic disease

1. Colorado Retinopathy of Prematurity Study Group Member. (COMIRB 12-0230)
2. Ocular Manifestations of Ruptured Arachnoid Cysts in Pediatric Patients (PI: COMIRB 18-0077)
3. Analysis of Clinical Features in Pediatric Ocular Disease (PI: COMIRB 20-1604)
4. Clinical manifestations and outcomes of tubulointerstitial nephritis and uveitis syndrome (TINU) in children: Multi-center study (Site PI: COMIRB 22-0192)
5. Retrophin CTX cataract study, Site Sub-I, 2015 -2021
6. Ocular Therapeutix Dextenza for pediatric cataract surgery (Site Sub-I 2021- present)
7. RAINBOW extension study: an extension study to evaluate the long-term efficacy and safety of Ranibizumab compared with laser therapy for the treatment of Infants Born prematurely With retinopathy of prematurity; NCT# 02640664; Sponsor; Novartis Pharmaceuticals; Sub-investigator.
8. A Phase 3 Randomized, Active-Controlled, Double-Masked Study to Evaluate the Safety and Efficacy of TRS01 Eye Drops in the Treatment of Subjects with Active Non-infectious Anterior Uveitis including Subjects with Uveitic Glaucoma; NCT# 05042609; Sponsor- Tarsier Pharma; Sub-investigator.
9. Adalimumab Levels in Induction Control for Chronic Anterior Uveitis (Site PI: COMIRB21-018467)

**Clinical Fellows**

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, Assistant Professor, Department of Ophthalmology, University of Colorado, Aurora, CO

2023-2024 Ryan Frisbie, MD