

Ashley Anne (Reichert) Polski
Assistant Professor | Department of Ophthalmology
University of Colorado Anschutz | UCHealth Sue Anschutz-Rodgers Eye Center
1675 Aurora Court, Aurora, CO 80045

EDUCATION AND TRAINING:

- 2025 - 2026 **Moran Eye Center, University of Utah**, Salt Lake City, UT
Glaucoma Fellowship (completed July 11, 2026)
Fellowship Director: Craig Chaya, MD
- 2022 - 2025 **Moran Eye Center, University of Utah**, Salt Lake City, UT
Ophthalmology Residency (completed June 30, 2025)
Program Directors: Jeff Pettey, MD, and Rachel Simpson, MD
- 2021 - 2022 **University of Utah**, Salt Lake City, UT
Internal Medicine Internship (completed June 30, 2022)
Program Director: Caroline Milne, MD, MBA
- 2016 - 2021 **Keck School of Medicine, University of Southern California (USC)**, Los Angeles, CA
Doctor of Medicine (completed May 14, 2021)
- 2012 - 2016 **Andrews University**, Berrien Springs, MI
Major: Biology (Biomedical Science), Minor: Chemistry
Bachelor of Science, Summa Cum Laude (completed May 1, 2016)

ACADEMIC APPOINTMENTS:

- 2026 - now **Assistant Professor**, Department of Ophthalmology
University of Colorado School of Medicine, Aurora, CO
- 2025 - 2026 **Visiting Professor**, Department of Ophthalmology
University of Utah, Moran Eye Center, Salt Lake City, UT

SPECIALTY BOARD CERTIFICATION:

- 2026 - now **American Board of Ophthalmology**

MEDICAL LICENSES:

- 2026 - now **Colorado Physician License**
2022 - 2026 **Utah Physician License**

PROFESSIONAL MEMBERSHIPS:

American Academy of Ophthalmology
Alpha Omega Alpha Honor Medical Society

HONORS AND AWARDS:

Academic Scholarships

- 2012 - 2016 **National Merit Finalist/President's Scholarship**, Andrews University (full tuition)
2015 - 2016 **E. Daniel and Florence Ryden Endowed Scholarship**, Andrews University
2014 - 2015 **Beatrice Stout Memorial Endowed Scholarship**, Andrews University
2013 - 2014 **E. Daniel and Florence Ryden Endowed Scholarship**, Andrews University

Research Scholarships

- 2022 - 2025 **Achievement Reward for College Scientists (ARCS) Scholarship**, Moran Eye Center
(\$45,000)
2021 **Knights Templar Eye Foundation Travel Grant Award**, Association for Research in
Vision and Ophthalmology Annual Meeting

2020 **Retina Research Foundation/Joseph M. and Eula C. Lawrence Travel Grant Award**, Association for Research in Vision and Ophthalmology Annual Meeting

2019 - 2020 **Dean's Research Scholarship/Wright Foundation Research Award**, Keck School of Medicine (\$25,000)

2017 **Keck Summer Research Fellowship**, Keck School of Medicine (\$2,000)

2013 - 2016 **National Science Foundation Research Experiences for Undergraduates Fellowship**, Andrews University

Recognitions

2026 **Top Poster Presentation**, American Glaucoma Society Annual Meeting, Palm Springs, CA

2025 **Outstanding Resident of the Year**, voted by the George E. Wahlen Veterans Affairs Medical Center surgical staff for excellence in the operating room

2025 **Outstanding Resident of the Quarter**, voted by the George E. Wahlen Veterans Affairs Medical Center surgical staff for excellence in the operating room

2025 **Heed Resident Retreat Nominee**, Heed Ophthalmic Foundation

2024 **Top Poster Presentation**, American Glaucoma Society Annual Meeting, Huntington Beach, CA

2024 **Best Quality Improvement Project**, Resident Research Day, Moran Eye Center

2023 **Top Poster Presentation**, American Glaucoma Society Annual Meeting, Austin, TX

2023 **Best Resident Research Presentation**, Resident Research Day, Moran Eye Center

2023 **Best Quality Improvement Project**, Resident Research Day, Moran Eye Center

2023 **Advocacy Ambassador**, American Academy of Ophthalmology, Mid-Year Forum, Washington, D.C.

2021 **Graduation with Distinction in Research**, Keck School of Medicine

2021 **American Medical Women's Association Janet M. Glasgow Achievement Award**, Keck School of Medicine

2020 **Alpha Omega Alpha Honor Medical Society Inductee**, Keck School of Medicine

2020 **Medical School Honors with Highest Distinction**, Keck School of Medicine

2020 **Dean's Recognition for Junior/Senior Continuum**, Keck School of Medicine

2019 **Gold Humanism Honor Society Inductee**, Keck School of Medicine

2015 **Phi Kappa Phi Honor Society Inductee**, Andrews University

2013 **Beta Beta Beta National Biological Honor Society Inductee**, Andrews University

TEACHING AND LEADERSHIP EXPERIENCE:

Didactic and Instructional Activities

2025 - now **Annual Mock Oral Boards Examiner**, Moran Eye Center

2025 **Ophthalmology Resident Lecturer**, "The Non-Glaucoma Glaucoma Referral: Diagnosing the Unexpected", University of Colorado

2024 - 2026 **Glaucoma Wet Lab Coordinator and Instructor**, Moran Eye Center

2023 - 2026 **Volunteer Medical Student Educator**, University of Utah School of Medicine

2020 - 2021 **Academic Tutor**, Keck School of Medicine Learning and Academic Support Services

2015 **Cell and Molecular Biology Laboratory Assistant**, Andrews University

2014 **Genetics Teaching Assistant**, Andrews University

2013 - 2014 **General Chemistry Teaching Assistant**, Andrews University

2013 - 2014 **Honors Program History and Philosophy Teaching Assistant**, Andrews University

Committee Responsibilities

2025 **Student Trainee Advisory Committee Member**, Moran Eye Center

2024 - 2026 **Longitudinal Integrated Microsurgical Education Committee Member**, Moran Eye Center

2022 - 2025 **Moran Ophthalmology Learning Experience Committee Member**, Moran Eye Center

2022 - 2025 **Bloomberg Library and MoranCore Committee Representative**, Moran Eye Center

2017 - 2018 **Co-President**, Student Ophthalmology Interest Group, Keck School of Medicine

2013 - 2016 **Secretary and Historian**, Beta Beta Beta National Biological Honor Society, Andrews University

2013 - 2016 **Secretary**, BioPhilia Biology Club, Andrews University

RESEARCH EXPERIENCE:

2021 - 2026 **Glaucoma Research**, Moran Eye Center, University of Utah (Mentors: Brian Stagg, MD, MS; Barbara Wirostko, MD, FARVO)

- Exploring how provider and institution differences impact glaucoma treatment patterns using the Sight Outcomes Research Collaborative (SOURCE) ophthalmology data repository.
- Evaluated the impact of intraocular pressure level on glaucoma treatment decisions and quantified clinical data burden in glaucoma care using the SOURCE database.
- Reviewed the potential role of mindfulness meditation as an adjunctive strategy to reduce stress and lower intraocular pressure in glaucoma patients.
- Published an extensive claims-based analysis of the incidence of ocular hypertension and glaucoma following periocular and intravitreal steroid injections using the IBM MarketScan Database in collaboration with Duke Eye Center.

2022 - 2024 **Quality Improvement Research**, Moran Eye Center, University of Utah (Mentors: Bradley Katz, MD, PhD; Theresa Long, MD)

- Implemented a workshop developed by the University of Iowa Department of Ophthalmology to provide strategies for responding to patient-initiated sexual harassment, and surveyed nearly 90 participants (including ophthalmology trainees, faculty, clinical and surgical staff) to assess their pre- and post-workshop preparedness to respond to sexual harassment in the workplace.
- This work was featured in the October 2023 issue of EyeNet Magazine in an article titled, "Sexual Harassment in the Physician's Office: What to Do When Patients Target Staff."

2016 - 2021 **Ocular Oncology Research**, USC Roski Eye Institute & Children's Hospital Los Angeles, Keck School of Medicine (Mentor: Jesse Berry, MD)

- Studied aqueous humor (AH) as a liquid biopsy for retinoblastoma at Children's Hospital Los Angeles during a dedicated research year. Major projects included 1) comparing the utility of AH and blood as sources of retinoblastoma-derived cell-free DNA, 2) identifying chromosome 6p gain in the AH as a novel molecular biomarker for aggressive retinoblastoma, and 3) examining the longitudinal relationship between genomic properties in AH and clinical therapeutic response over time.
- Evaluated the role of tissue biopsy and staging in the management and prognosis of patients with ocular surface squamous neoplasia (OSSN) at the USC Roski Eye Institute. Also worked in collaboration with Cole Eye Institute to assess tumor staging and outcomes for patients with OSSN.

2013 - 2016 **Seabird Ecology Research**, Andrews University (Mentors: James Hayward, PhD; Shandelle Henson, PhD)

- Completed a three-year honors research thesis on the behavioral and ecological mechanisms involved in the occurrence of egg cannibalism and ovulation synchrony in a glaucous-winged gull colony at Protection Island National Wildlife Refuge, WA.

PUBLICATIONS:

Original Research

1. **Polski A**, Brintz BJ, Stagg BC. Methodological bias in glaucoma IOP management – reply. JAMA Ophthalmol 2026. Online ahead of print.
2. **Polski A**, Brintz BJ, Hess R, et al. Data volume and the need for clinical decision support in glaucoma care. Ophthalmol Sci 2026;6:101227.
3. **Polski A**, Brintz BJ, Hess R, et al. The influence of intraocular pressure on clinical decision-making in glaucoma management. JAMA Ophthalmol 2026;144:167-73.

4. Sharma M, Johnson C, Carpenter C, Ofori-Atta BS, **Pol ski A**, Nakatsuka AS. Post-operative outcomes at one year of STREAMLINE microinvasive glaucoma surgery combining micro-goniotomy and focal canaloplasty. *Clinical Ophthalmology* 2025;19:3381-7.
5. Yanagihara RT, Takayasu JSK, Crotty EE, et al. Clinical stage of retinoblastoma based on presenting signs of 4,578 patients from 121 countries. *Ophthalmology* 2025. Online ahead of print.
6. Kaliki S, Xunda J, Yihua Z, et al. Lag time between onset of first symptom and treatment of retinoblastoma: outcomes at three years from recruitment. *Semin Ophthalmol* 2025. Online ahead of print.
7. Hicks R, Ji X, Zou Y, et al. Differences in childhood growth parameters between patients with somatic and heritable retinoblastoma. *Invest Ophthalmol Vis Sci* 2024;65:39.
8. **Pol ski A**, Liu KC, Gupta D, et al. Incident glaucoma and ocular hypertension after periocular and intravitreal steroid injections: a claims-based analysis. *BMJ Open Ophthalmology* 2023;8:e001508.
9. Nishath T, Li X, Chandramohan A, et al. Risk factors associated with abandonment of care in retinoblastoma: analysis of 692 patients from 10 countries. *Br J Ophthalmol* 2023;107:1818-22.
10. Lloyd P, Westcott M, Kaliki S, et al. The role of maternal age and birth order on the development of unilateral and bilateral retinoblastoma: a multicentre study. *Eye* 2023;37:966-70.
11. **Pol ski AA**, Osborn KJ, Hayward JL, et al. Egg cannibalism as a foraging tactic by less fit Glaucous-winged Gulls (*Larus glaucescens*). *Wilson J Ornithol* 2022;133:552-67.
12. Randhawa JK, Kim ME, **Pol ski A**, et al. The effects of breastfeeding on retinoblastoma development: results from an international multicenter retinoblastoma survey. *Cancers* 2021;13:4773.
13. Kim ME (co-first author), **Pol ski A (co-first author)**, Xu L, et al. Comprehensive somatic copy number analysis using the aqueous humor liquid biopsy for retinoblastoma. *Cancers* 2021;13:3340.
14. Wong E, Xu L, Shen L, Kim ME, **Pol ski A**, et al. Inter-eye genomic heterogeneity in bilateral retinoblastoma via aqueous humor liquid biopsy. *NPJ Precis Oncol* 2021;5:73.
15. Kaliki S, Xunda J, Yihua Z, et al. Lag time between onset of first symptom and treatment of retinoblastoma: an international collaborative study of 692 patients from 10 countries. *Cancers* 2021;13:1956.
16. Xu L, Kim ME, **Pol ski A**, et al. Establishing the clinical utility of ctDNA analysis for diagnosis, prognosis, and treatment monitoring of retinoblastoma: the aqueous humor liquid biopsy. *Cancers* 2021;13:1282.
17. Berry JL, Munier FL, Gallie BL, **Pol ski A**, et al. Response criteria for intraocular retinoblastoma: RB-RECIST. *Pediatric Blood & Cancer* 2021;68:e28964.
18. Weir SK, Henson SM, Hayward JL, Atkins GJ, **Pol ski A**, et al. Every-other-day clutch-initiation synchrony as an adaptive response to egg cannibalism in Glaucous-winged Gulls (*Larus glaucescens*). *Wilson J Ornithol* 2020;132:575-86.
19. **Pol ski A**, Xu L, Prabakar RK, et al. Cell-free DNA tumor fraction in the aqueous humor is associated with therapeutic response in retinoblastoma patients. *Translational Vision Science & Technology* 2020;9:30.
20. Xu L, Shen L, **Pol ski A**, et al. Simultaneous identification of clinically relevant *RB1* mutations and somatic copy number alterations in the aqueous humor of retinoblastoma eyes. *Ophthalmic Genet* 2020;41:526-32.
21. Xu L (co-first author), **Pol ski A (co-first author)**, Prabakar RK, et al. Chromosome 6p amplification in aqueous humor cell-free DNA is a prognostic biomarker for retinoblastoma ocular survival. *Molecular Cancer Research* 2020;18:1166-75.
22. **Pol ski A (co-first author)**, Xu L (co-first author), Prabakar RK, et al. Variability in retinoblastoma genome stability is driven by age and not heritability. *Genes Chromosomes Cancer* 2020;59:584-90.
23. Berry JL, Xu L, **Pol ski A**, et al. Aqueous humor is superior to blood as a liquid biopsy for retinoblastoma. *Ophthalmology* 2020;127:552-4.
24. **Pol ski A**, Sibug Saber M, Kim JW, et al. Extending far and wide: the role of biopsy and staging in the management of ocular surface squamous neoplasia. *Clin Exp Ophthalmol* 2018;47:193-200.
25. Bellerive C, Berry JL, **Pol ski A**, et al. Conjunctival squamous neoplasia: staging and initial

- treatment. *Cornea* 2018;37:1287-91.
26. Atkins GJ, **Polski AA**, Henson SM, Hayward JL. Copulation call coordinates timing of head-tossing and mounting behaviors in neighboring glaucous-winged gulls (*Larus glaucescens*). *Wilson J Ornithol* 2017;129:562-9.
 27. Hayward JL, Atkins GJ, **Reichert AA**, Henson SM. Common ravens (*Corvus corax*) prey on rhinoceros auklet (*Cerorhinca monocerata*) eggs, chicks, and possibly adults. *Wilson J Ornithol* 2015;127:336-9.

Reviews and Chapters

1. **Polski A**, Mai AP, Stagg BC, Wirostko B. The role of stress reduction and mindfulness meditation in glaucoma management: A review. *Open Ophthalmol J* 2025;19:e18743641340238.
2. **Polski A**, Berry JL, Gombos DS. Ophthalmological manifestations of systemic neoplasia and its treatment. In: Albert D, Miller J, Azar D, et al., eds. *Albert and Jakobiec's Principles and Practices of Ophthalmology*, 4th ed. Switzerland: Springer, 2021.
3. **Polski A**, Berry JL, Randolph LM. Retinoblastoma and the *RB1* cancer syndrome. In: Emery and Rimoin's *Principles and Practice of Medical Genetics and Genomics: Oncology*, Vol. 4. Philadelphia: Elsevier, 2020.
4. Berry JL, **Polski A**, Cavenee WK, et al. The *RB1* story: characterization and cloning of the first tumor suppressor gene. *Genes* 2019;10:879.
5. Gudiseva HV, Berry JL, **Polski A**, et al. Next generation technologies and strategies for the management of retinoblastoma. *Genes* 2019;10:1032.
6. **Polski A**, Amin S, Patel S, et al. Biopsy techniques in ocular oncology. In: Yanoff M, ed. *Advances in Ophthalmology and Optometry*, Vol. 4. Philadelphia: Elsevier, 2019; 101-28.
7. Greer C, **Polski A**, Berry JL. Topical chemotherapy and the evolving role of the biopsy for ocular surface squamous neoplasia. In: Yanoff M, ed. *Advances in Ophthalmology and Optometry*, Vol. 3. Philadelphia: Elsevier, 2018; 115-37.

Case Reports

1. Larsen CL, Conner IP, Agapov J, Hwang J, **Polski A**, et al. Bleb preservation in the face of instability: managing a subluxed intraocular lens in pseudoexfoliation glaucoma. *JCRS Open* 2026;14:e00229.
2. Srivatsan S, **Polski A**, Kersten RC. A unique medial rectus entrapment configuration. *Ophthalmic Plast Reconstr Surg* 2025;41:e36.
3. **Polski A**, Long T, Stagg BC, Wirostko B. Uveitis-glaucoma-hyphema syndrome from subtle malposition of a Hydrus microstent. *J Glaucoma* 2024;33:e92-6.
4. **Polski A**, Kennedy B, Bair C, Simpson R. Acute iris vascular tuft hemorrhage treated successfully with intravitreal bevacizumab and pressure patching in a patient with branch retinal vein occlusion. *Am J Ophthalmol Case Rep* 2022;29:101780.

PRESENTATIONS:

Oral Presentations

1. **Polski A**. Managing postoperative hyphema after angle-based minimally invasive glaucoma surgery. Invited speaker for Vumedi (vumedi.com; 2026).
2. **Polski A**. Clinical decision-making in glaucoma care: Lessons from SOURCE. Sue Anschutz-Rodgers Eye Center Grand Rounds (2025), Aurora, CO.
3. **Polski A**. Information overload: Quantifying clinical data burden in glaucoma care. Moran Eye Center Resident Research Day (2025), Salt Lake City, UT.
4. **Polski A**. Tanzania 2024: Global ophthalmology from a resident's perspective. Moran Eye Center Grand Rounds (2024), Salt Lake City, UT.
5. **Polski A**. The influence of historical eye pressure cut-off on current clinical decision-making. Moran Eye Center Resident Research Day (2024), Salt Lake City, UT.
6. **Polski A**. Uveitis-glaucoma-hyphema syndrome after Hydrus microstent placement. Moran Eye Center Grand Rounds (2023), Salt Lake City, UT.
7. **Polski A**. Incident glaucoma after periocular and intravitreal steroid injections: A claims-based analysis. Moran Eye Center Resident Research Day (2023), Salt Lake City, UT.
8. **Polski A**. Don't go chasing waterfalls: Minimally invasive management of a bleeding iris vascular

- tuft. Moran Eye Center Grand Rounds (2022), Salt Lake City, UT.
9. **Pol ski A**, Kim ML, Xu L, et al. Comprehensive somatic copy number analysis using the aqueous humor liquid biopsy for retinoblastoma. Association for Research in Vision and Ophthalmology Annual Meeting (2021).
 10. **Pol ski A**, Berry JL. Have a sense of [aqueous] humor. USC Roski Eye Institute Grand Rounds (2020), Los Angeles, CA.
 11. **Pol ski A**, Berry JL. Cell-free DNA tumor fraction in the aqueous humor is associated with therapeutic response in retinoblastoma patients. Invited speaker for the Wright Foundation Board of Trustees (2020).
 12. **Pol ski A**, Xu L, Prabakar RK, et al. Longitudinal aqueous humor sampling reflects treatment response in retinoblastoma patients. Association for Research in Vision and Ophthalmology Annual Meeting (2020).
 13. **Pol ski A**, Berry JL. Retinoblastoma. American Academy of Ophthalmology Interactive Medical Student Cases (2019), aao.org/medical-students.
 14. **Reichert AA**, Hayward JL, Henson SM. The behavior of glaucous-winged gull egg cannibals. Michigan Academy of Science, Arts and Letters Annual Conference (2015), Berrien Springs, MI.

Poster Presentations

1. **Pol ski A**, Brintz BJ, Stagg BC. Impact of provider differences on primary open-angle glaucoma treatment patterns. American Glaucoma Society Annual Meeting (2026), Palm Springs, CA.
2. **Pol ski A**, Brintz BJ, Hess R, et al. Information overload: Quantifying clinical data burden in glaucoma care. Association for Research in Vision and Ophthalmology Annual Meeting (2025), Salt Lake City, UT.
3. **Pol ski A**, Brintz B, Stagg BC. Understanding data burden and the need for clinical decision support in caring for glaucoma patients. American Glaucoma Society Annual Meeting (2024), Huntington Beach, CA.
4. Stagg BC, **Pol ski A**, Brintz BJ, et al. The influence of historical eye pressure cutoff on current clinical decision making. Association for Research in Vision and Ophthalmology Annual Meeting (2024), Seattle, WA.
5. **Pol ski A**, Long T, Jacoby R, et al. Integration of an interactive workshop for responding to patient-initiated sexual harassment at an academic ophthalmology program. Women in Ophthalmology Summer Symposium (2023), Marco Island, FL.
6. **Pol ski A**, Liu K, Gupta D, et al. Incident glaucoma after periocular and intravitreal steroid injections: a claims-based analysis. American Glaucoma Society Annual Meeting (2023), Austin, TX.
7. Randhawa JK, Kim ME, **Pol ski A**, et al. The effects of breastfeeding on retinoblastoma development. Association for Research in Vision and Ophthalmology Annual Meeting (2021).
8. **Pol ski A**, Xu L, Prabakar RK, et al. Longitudinal aqueous humor sampling reflects treatment response in retinoblastoma patients. American Association for Cancer Research Annual Meeting (2020).
9. Xu L, Shen L, **Pol ski A**, et al. Refining the aqueous humor surrogate biopsy for retinoblastoma: simultaneous identification of clinically relevant *RB1* mutations and somatic copy number alterations in the aqueous humor of retinoblastoma eyes. Association for Research in Vision and Ophthalmology Annual Meeting (2020).
10. **Reichert AA**, Hayward JL, Henson SM. The behavior of glaucous-winged gull egg cannibals. American Ornithologists' Union/Cooper Ornithological Society/Society of Canadian Ornithologists Annual Joint Meeting and Poster Symposium (2014), Estes Park, CO.

VOLUNTEER AND OUTREACH EXPERIENCE:

2024 - 2026 **Glaucoma International Outreach**, Mwanza, Tanzania

- Worked with a team of glaucoma specialists to train Tanzania-based glaucoma fellows on phacoemulsification and a variety of minimally invasive and traditional glaucoma surgeries

2024 **Navajo Nation Outreach**, Blanding and Monument Valley, UT

- Performed free eye exams for children and adults in the Navajo Nation

- 2021 - 2025 **Fourth Street Clinic**, Salt Lake City, UT
- Volunteered in ophthalmology clinics for uninsured and unhoused patients
- 2019 **USC Vision for Vision Screening**, Golden Future Senior Expo, Culver City, CA
- Provided free vision screenings and eye exams to seniors and veterans in the Los Angeles area
- 2019 **USC Roski Vision Screening**, LA Festival of Books, Los Angeles, CA
- Interviewed patients about their ocular and health histories, conducted vision screenings and eye exams, and answered patients' questions related to vision and ocular health
- 2018 **Heal the Bay**, Los Angeles County, CA
- Participated in beach clean-ups in the Los Angeles County area
- 2017 - 2023 **Art for Charity**
- Created miniature (2x3-inch) landscape oil paintings for customers locally and internationally; all proceeds (over \$5000) were donated to a non-profit organization, CoachArt, that provides free arts programs to children with chronic illnesses
 - Filmed by National Geographic to showcase my painting process and artwork as part of the National Geographic Storytelling Quests Contest (featured on National Geographic social media platforms and television network in September 2020)
 - Raised over \$1000 for No Kid Hungry, a national campaign to end childhood hunger, during COVID-related school closings in 2020
 - Commissioned by LA Tourism, the City of Los Angeles' official tourism marketing organization, to create a series of 9 miniature paintings (featured on the LA Tourism social media platforms in August 2019 and helped to raise nearly \$500 for CoachArt)
 - Donated multiple paintings for auction at the biannual Moran Eye Center Night for Sight gala to raise money for ophthalmology outreach work
- 2016 - 2020 **Recycle Vision Clinic**, LAC+USC Medical Center, Los Angeles, CA
- Worked in monthly clinics to provide patients with free eyeglasses.