

MATTHEW WEED, M.D.

Employment *Pediatric Ophthalmologist, Adult Strabismologist, Inherited Eye Disease Specialist*
Spokane Eye Clinic, Spokane, WA
8/2016 – Present

Training *Fellowship – Pediatric Ophthalmology & Strabismus*
University of Iowa, Iowa City, IA
7/2015 – 6/2016

Fellowship – Ophthalmic Genetics
University of Iowa, Iowa City, IA
7/2014 – 6/2015

Residency – Ophthalmology
University of Iowa, Iowa City, IA
7/2011 – 6/2014

Internship – Transitional
Providence Sacred Heart Medical Center, Spokane, WA
6/2010 – 6/2011

Education M.D.
University of California-San Diego School of Medicine, La Jolla, CA
8/2006 – 6/2010

B.S., Microbiology; Minor, Spanish
Brigham Young University, Provo, UT
Graduated summa cum laude, Phi Kappa Phi
8/2000 – 4/2001, 8/2003 – 4/2006

Licensing Permanent Medical License, Washington, expires 3/21/2021
DEA and Washington state controlled substances license

Certification Board certified by the American Board of Ophthalmology
2016-2026

Memberships American Academy of Ophthalmology
American Academy of Pediatrics
American Associated for Pediatric Ophthalmology and Strabismus
Washington Academy of Eye Physicians & Surgeons
Pediatric Eye Disease Investigator Group
Iowa Eye Association

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Activities

Board of Trustees, Washington Academy of Eye Physicians and Surgeons, 2017-present
Invited Guest, Exam Development Meeting, American Board of Ophthalmology, 2017.
Member, Alumni Council, University of Iowa Department of Ophthalmology, 2015-present
Member, Department Online Presence Interest Group, University of Iowa Department of Ophthalmology, 2015-2016
Section Editor, Strabismus Surgery, *Basic Techniques of Ophthalmic Surgery, 2nd ed, American Academy of Ophthalmology, 2015*
Member, UIHC Ophthalmology Residency Selection Committee, 2013
Assistant Developer, www.visionforkids.org, an online preschool vision screen, 2013
Editorial Board Member, www.eyerounds.org, 2012-present
Advocacy Ambassador, American Academy of Ophthalmology Mid-Year Forum, 2012
Medical Mission with Operation Smile to Amman, Jordan, 2007
President of BYU chapter of Operation Smile, 2005-2006
Missionary, The Church of Jesus Christ of Latter-day Saints, Costa Rica, 2001-2003

Awards/Achievements

P.J. Leinfelder Award for Research Excellence, University of Iowa Department of Ophthalmology & Visual Sciences, 2015
Excellence in Ophthalmology Award, UCSD School of Medicine, 2010
McGraw-Hill Outstanding Student Award, UCSD School of Medicine, 2007
Regents Scholar, UCSD School of Medicine, 2006-2010
College valedictorian and commencement speaker, BYU, 2006
Operation Smile Be Someone Student Achievement Award, 2006
Gordon B. Hinckley Presidential Scholar, Brigham Young University, 2000-2006
National Merit Scholar, 2000
Perfect score, 1600/1600, SAT I, 1999
Eagle Scout, 1997

Peer-Reviewed Publications

Cho DY, Evans KN, **Weed MC**, Lee A, & Susarla SM. (2020). Bilateral squamosal suture craniosynostosis presenting with abducens nerve palsy and severe papilledema. *World Neurosurg*, 138, 344-348.

Rashad R, **Weed MC**, Quinn N, & Chen VM. (2019). Extended wear bandage contact lenses decrease pain and preserve vision in patients with epidermolysis bullosa: case series and review of literature. *Ocul Immunol Inflamm*, 15, 1-5.

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Peer-Reviewed Publications, cont.

Weed M, Almeida D, Chin E, & Stone E. (2016). Distinguishing optic pathway glioma and retinitis pigmentosa with visual field testing. *Can J Ophthalmol*, 51, e92-e94.

DeLuca AP, Whitmore S, Barnes J, Sharma TP, Westfall TA, Scott CA, **Weed MC**, Wiley JS, Wiley LA, Johnston RM, Schnieders MJ, Lentz SR, Tucker BA, Mullins RF, Scheetz TE, Stone EM, & Slusarski DC. (2016). Hypomorphic mutations in TRNT1 cause retinitis pigmentosa with erythrocytic microcytosis. *Hum Mol Genet*, 25(1), 44-56.

DeLuca A, **Weed M**, Haas C, Halder J, & Stone E. (2015). Apparent Usher syndrome caused by the combination of BBS1-associated retinitis pigmentosa and SLC26A4-associated deafness. *JAMA Ophthalmol*, 133(8), 967-968.

Airmet K, Hinckley J, Tree L, Moss M, Blumell S, Ulicny K, Gustafson A, **Weed M**, Theodosios R, Lehnardt M, Genho J, Stevens M, & Kooyman D. (2012). Construction of a llama bacterial artificial chromosome library with approximately 9-fold genome equivalent coverage. *J Biomed Biotechnol*, Epub 2012 Jun 28.

Chen Y, Zheng J, Zhao C, Wang K, Trood E, Buehler J, **Weed M**, Kasuga D, Bernstein PS, Hughes G, Fu V, Chin J, Lee C, Crocker M, Bedell M, Salasar F, Yang Z, Goldbaum M, Ferreyra H, Freeman WR, Kozak I, & Zhang K. (2011). Assessing susceptibility to age-related macular degeneration with genetic markers and environmental factors. *Arch Ophthalmol*, 129(3), 344-351.

Ruckstuhl H, Kho J, **Weed M**, Wilkinson M, & Hargens A. (2009). Comparing two devices of supported treadmill walking by varying body unloading and Froude number in healthy volunteers. *Gait & Posture*, 30(4), 446-451.

Electronic Publications

Weed M, Larson S. Introduction to Part IV. In: Hausheer JR, ed. *Basic Techniques of Ophthalmic Surgery*, 2nd ed. San Francisco: American Academy of Ophthalmology; 2015.

Weed M, Larson S. "Management of amblyopia: Discussing options for treatment in the age of the internet." EyeRounds.org. Posted Sep 9, 2013.

Weed M, Longmuir R, & Thurtell M. "Pituitary adenoma causing compression of the optic chiasm: 49-year-old white female with painless progressive vision loss." EyeRounds.org. Posted Sep 9, 2013.

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Electronic Publications, cont.

Weed M, Rogers G, Kitzmann A, Goins K, & Wagoner M. "Vision loss after contact lens-related pseudomonas keratitis." EyeRounds.org. Posted June 24, 2013.

Weed M, Johnson AT, & Thurtell M. "Ocular syphilis presenting with posterior subcapsular cataract and optic disc edema: 30-year-old female with progressive bilateral vision loss." EyeRounds.org. Posted Oct 10, 2012.

Weed M, Syed N. "Perioperative corneal abrasions: Systems-based review and analysis." EyeRounds.org. Posted July 11, 2012.

Invited Lectures

"Pediatric Vision Screening for the School Nurse." North Central ESD meeting. Wenatchee, WA. March 22, 2017.

"Pediatric Inherited Eye Diseases: Clinical Mini-Cases." Optometric Physicians of Washington annual meeting. Spokane, WA. March 11, 2017.

"Treating the Untreatable: Dramatic Advances in Pediatric Inherited Eye Disease." Pediatric grand rounds, Providence Sacred Heart Medical Center. Spokane, WA. October 26, 2016.

"Pediatric Eye Emergencies for the School Nurse." NEW ESD 101 meeting. Spokane, WA. September 28, 2016,

Conference Presentations

"Long Term Outcomes of Surgical Treatment for Large-Angle Esotropia in Children." Oral paper presentation for the 2016 American Association for Pediatric Ophthalmology and Strabismus (AAPOS) annual meeting. Vancouver, BC. April 9, 2016.

"Brown Syndrome Outcomes at the University of Iowa Hospitals and Clinics: A Forty-Year Retrospective Analysis. Midwest Pediatric Ophthalmology Symposium. Omaha, NE. March 18, 2016.

"Genetic Testing for Congenital Cataracts." Midwest Pediatric Ophthalmology Symposium. Omaha, NE. March 18, 2016.

"Genetic Testing for Congenital Cataracts." American Academy of Ophthalmology (AAO) annual meeting, general session. Las Vegas, NV. November 16, 2015.

"Genetic Testing for Congenital Cataract." Iowa Eye Association annual meeting. Iowa City, IA. June 5, 2015.

"Genetic Testing for Congenital Cataract." University of Iowa Ophthalmology Research Day. May 15, 2015.

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Conference Presentations, cont.

“Genetic Testing for Congenital Cataracts.” Weed M, Lambert S, Larson S, Olson R, DeLuca A, Andorf J, Stone E, Drack A. Oral paper presentation for the 2015 American Association for Pediatric Ophthalmology and Strabismus (AAPOS) Annual Meeting. New Orleans, LA. March 28, 2015.

“Genetic Testing in Congenital Cataracts.” Ophthalmic Genetics Study Club Annual Meeting. Chicago, IL. October 17, 2014.

“Brown Syndrome Outcomes at the University of Iowa Hospitals and Clinics: A Forty-Year Retrospective Analysis. University of Iowa Ophthalmology Research Day. April 26, 2014.

“Visual Loss After Contact Lens-Related Pseudomonas Keratitis.” University of Iowa Ophthalmology Research Day. May 17, 2013.

“Outcomes of Treatment of Pseudomonas Keratitis at the University of Iowa Hospitals and Clinics: A Five-Year Retrospective Analysis.” University of Iowa Ophthalmology Research Day. April 20, 2012.

Seventeen separate presentations, various topics. University of Iowa Ophthalmology Grand Rounds. 2011-2015.

Clinical Research

CHAMP: Study of NVK-002 in Children with Myopia.
ClinicalTrials.gov Identifier: NCT03350620

Cerebrotendinous Xanthomatosis (CTX) Prevalence Study.
ClinicalTrials.gov Identifier: NCT02638220.

ATS20 - Binocular Dig Rush Game Treatment for Amblyopia.
ClinicalTrials.gov Identifier: NCT02983552

HTS1 - Glasses versus Observation for Moderate Hyperopia in Young Children. ClinicalTrials.gov Identifier: NCT01515475

References

Keith D. Carter, M.D.
Chairman and Head
University of Iowa Department of Ophthalmology & Visual Sciences
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Scott A. Larson, M.D.
Fellowship Director, Pediatric Ophthalmology and Strabismus
University of Iowa Department of Ophthalmology & Visual Sciences
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References, cont.

Edwin M. Stone, M.D., Ph.D.
Fellowship Director, Ophthalmic Genetics
University of Iowa Department of Ophthalmology & Visual Sciences
edwin-stone@uiowa.edu, (319) 335-8270

Thomas A. Oetting, M.D.
Residency Program Director
University of Iowa Department of Ophthalmology & Visual Sciences
thomas-oetting@uiowa.edu, (319) 384-9958

Interests

Spanish language (fluent), smoking slow-cooked barbecue,
bodysurfing