

Scott G. Hauswirth, O.D., F.A.A.O.

University of Colorado School of Medicine
Sue Anschutz-Rodgers Eye Center
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CURRENT POSITIONS

Assistant Professor, Department of Ophthalmology, University of Colorado School of Medicine
Director, Ocular Surface Center, Sue Anschutz-Rodgers Eye Center

EDUCATION

Institutions:

Aug 1990 - May 1995 University of North Dakota; Grand Forks, North Dakota
Bachelor of Science, Psychology
Aug 1995 – May 1999 Southern California College of Optometry; Fullerton, California
Doctorate of Optometry

Externship Training:

May 1998 – Aug 1998 *Omni Eye Services, Denver, CO*
Aug 1998 – Nov 1998 *Anadarko Indian Health Service, Anadarko, OK*
Nov 1998 – Feb 1999 *Eye Clinic, Southern California College of Optometry, Fullerton, CA*
Feb 1999 – May 1999 *Clayton Eye Center, Morrow, GA*

Residency Training:

July 1999 – July 2000 Pennsylvania College of Optometry; Minnesota Eye Consultants, P.A.,
Minneapolis, Minnesota.
Cornea, Glaucoma, and Refractive Surgical Management
Attending Clinical Staff: Marlane Brown OD, David Hardten MD, Richard
Lindstrom MD, Thomas Samuelson MD

ACADEMIC APPOINTMENTS

Academic Appointments:

Jul 2006 – Jun 2017 Assistant Professor, Adjunct Clinical Faculty, Illinois College of Optometry
Nov 2009 – Jun 2017 Assistant Professor, Adjunct Clinical Faculty, Marshall B Ketchum University;
Jan 2013 – Jun 2017 Adjunct Clinical Professor, InterAmerican University of Puerto Rico School of
Optometry
Jan 2014 – Jun 2017 Adjunct Clinical Faculty, Southern College of Optometry
Jul 2017 - Assistant Professor, University of Colorado School of Medicine
Jul 2017 - Director, Ocular Surface Center, Sue Anschutz-Rodgers Eye Center

Consulting Positions:

Aug 2006 -	Advisor, Allergan, Inc.
Mar 2008 - Apr 2011	Advisor, Inspire Pharmaceuticals
Apr 2011 - Apr 2013	Advisor, ISTA Pharmaceuticals
Jun 2011 - Jul 2014	Advisor, Bausch + Lomb
Mar 2012 -	Advisor, BioTissue (Now TissueTech)
Nov 2012 - Jun 2018	Advisor, TearScience, Inc. (Now Johnson & Johnson)
Feb 2015 -	Advisor, Shire Pharmaceuticals (now Novarits)
Oct 2016 -	Advisor, Sun Pharmaceuticals
Jan 2017 -	Medical Advisor, TearRestore
Jan 2017 -	Advisor, Glaukos
Jun 2017 -	Advisor, Avedro, Inc
Sep 2017 -	Advisor, Mentholatum Co.
Feb 2018 -	Medical Advisor, Terrapin Ocular
Oct 2018 -	Advisor, Sight Sciences
Oct 2018 -	Advisor, Kala Pharmaceuticals
Jun 2019 -	Advisor, EyeVance Medical

HONORS AND AWARDS

Recipient, University of North Dakota Athletic Directors Academic Award

- 1990, 1991, 1992, 1993

University of North Dakota Dean's List

- 1993, 1994

Cum laude graduation status, University of North Dakota

SCCO Student Association Board: 1996-1998

- *Director of Extracurricular Activities, 1996-1997*

- *Invitee, UC Berkeley Partnerships in Optometry Conference, Feb 1997*

- *Director of Education, 1997-1998*

- *Chair, 1st Annual SCCO Partnerships in Optometry Conference, April 1998*

Recipient, Orange County Optometric Society Award 1997

- *For Outstanding Clinical Service*

Recipient, Rio Hondo Society AOSA Travel Fellowship 1998

- *For Community Service*

Recipient, Dr. Robert L. Gordon & Dr. Andrea C. Silvers Scholarship 1998

Recipient, Los Angeles Optometric Society Award 1999

Recipient, AAO Cornea and Contact Lens Travel Fellowship Award, December 1999

Recipient, Minnesota VOSH Travel Fellowship Award, February 2000

Recipient, Best Paper of Session Award, International Society of Refractive Surgeons, July 2000

Optometric Corneal Crosslinking Society, 2011-12

- *Vice-president 2012*

Nominee, Dry Eye Workshop II subcommittee member, July 2014

Panel member, National Dry Eye Summit, December 12-13, 2014

INTREPID Optometric Society, 2015-present

- *Founding Member*

Recipient, Primary Care Optometry News *250 Innovators in Optometry*, October 2016

Mentor, NSF-grant Innovation Corps Team #975: TearRestore, January 2017

Vice-Chair, Anterior Segment Section of the American Academy of Optometry, 2018

PROFESSIONAL ORGANIZATIONS

Volunteer Optometric Services for Humanity

- *El Salvador Humanitarian Mission, 2000 (Minnesota chapter)*

Minneapolis Metropolitan Optometric Society, 2000-2017

- *Vice president, 2001*

Minnesota Optometric Association, 2000-2002; 2015-present

- *Member 2000-2002; 2015-2017*
- *Education Director, 2001 Fall Meeting, Nissawa, MN*

American Academy of Optometry, 2007-present

- *Fellow 2007 – present*
- *Diplomate Candidate, 2019*
- *Vice-Chair, Anterior Segment Section, 2018-2019*
 - o *Committee Chair, Resident Travel Grant Award, 2019*

National Board of Examiners in Optometry, 2008-2009

- *Examiner*

Optometric Council on Refractive Technology, 2008-2017

- *Member*

Association for Research in Vision and Ophthalmology, 2009-present

- *Member*

Tear Film and Ocular Surface Society, 2013-present

- *Member*

Colorado Optometric Association, 2017 – present

- *Member*

LICENSE AND BOARD CERTIFICATIONS

Licenses:

Jan 2017 - Jan 2019 State of Colorado; Active
July 1999 - Dec 2017 State of Minnesota; Inactive

Board Certifications:

National Board of Examiners in Optometry, Part I: August 1997
National Board of Examiners in Optometry, Part II: December 1998
National Board of Examiners in Optometry, Part III: May 1999
Treatment and Management of Ocular Disease: December 1998
Minnesota Jurisprudence Examination: May 1999

Other Certifications:

American Heart Association Basic Life Support, Expires Jul 2019

INTELLECTUAL PROPERTY

Patent Applications:

TearRestore, patent pending – PCT/US2017/021164
- Assisted with design, volumetric, temperature standards

Terrapin Ocular, patent pending
- Assisted with design

REVIEW AND REFEREE WORK

Editorial Positions:

Editorial Board, Primary Care Optometry News (Oct 2009-present)
- Reviewer; Ad hoc contributor
Editorial Board, Advanced Ocular Care (Oct 2015-Dec 2017)
- Reviewer; Ad hoc contributor
Editorial Board, Optometry Times (Jan 2017-present)
- Ad hoc contributor
Editorial Board, CollaborativeEYE (Dec 2017-present)
- Reviewer; Ad hoc contributor
Editorial Board, Journal of Dry Eye Disease (Jan 2018-present) – **peer reviewed publication**
- Reviewer
Editorial Board, Modern Optometry (Nov 2018-present)
- Reviewer; Ad hoc contributor

Reviewed Articles:

“Optometry’s Role in the New Glaucoma Paradigm” – CollaborativeEYE, February 2018
“Sizing up Antiinflammatories in Dry Eye” – Review of Optometry, February 2018
“Sjogren’s Syndrome – Understanding the Disease” – Review of Optometry, March 2018
“Medical Contact Lenses” – Review of Optometry, August 2018
“Case Series: Triamcinolone Acetonide for Lower Eyelid Entropion Related to Thyroid-associated Ophthalmopathy” – Optometry and Vision Science (Ref: Ms. No. OVS19037), March 2019
“Effectiveness and Safety of Intense Pulsed Light in Patients with Meibomian Gland Dysfunction – A randomized double-masked sham-controlled clinical trial” – Ophthalmology (Ref: OPHTHA_2019_972), June 2019
“Case Report: Post-traumatic Iris Prolapse Assessment Using Swept Source Anterior Segment OCT (CASIA 2)” – Optometry and Vision Science (Ref: Ms. No. OVS19194), June 2019

INVITED LECTURES

Keynote presentations

1. Anterior Segment Section of the American Academy of Optometry Lecture_Symposium: ‘*Highlights and Advancements in Drug Delivery Systems*’. Seattle, WA. Presenting_faculty: Kenneth Eakland OD, Scott Hauswirth OD, Lyndon Jones OD, Jim Thimmons OD. November_21, 2013
2. Anterior Segment Section of the American Academy of Optometry Lecture Symposium: ‘*Neuropathic Pain in the Dry Eye Patient*’. Chicago, IL. Presenting faculty: Anat Galor MD, Scott Hauswirth OD; Leslie Smalls OD. October 13, 2017

International

1. Newfoundland/Labrador Provincial Annual General Meeting, St. John’s, NL October 3, 2015
“*Anterior Segment Dilemmas*” Lecture
2. Newfoundland/Labrador Provincial Annual General Meeting, St. John’s, NL October 3, 2015

"Infectious Keratitis" Lecture

3. 13th Annual International Symposium on Ocular Pharmacology and Therapeutics (ISOPT). Rome, Italy. 12/4/2016 *"Burning Mouth, Burning Eyes: A Case Report" Lecture*

National Conferences

1. American Academy of Optometry Meeting, Anaheim, CA. October 24, 2008
*"Conjunctival Langerhans Cell Histiocytoma and the Use of Topical Tacrolimus".
Hauswirth SG, Reeves SW. Grand Rounds Presentation*
2. American Academy of Optometry Meeting, Orlando, FL. November 12, 2009
"Ophthalmic Pipeline: A Look Ahead". Hauswirth SG, Fahmy AM. Lecture
3. MedTech 9th Annual Investor's Conference, Minneapolis, MN May 17, 2010
"Ophthalmic Medical Device Innovation: A Perspective from Optometry", Lecturer & Panel Discussion
4. National Optometric Council on Refractive Technology Symposium; San Francisco, CA. November 16, 2010 *"Corneal Crosslinking with Riboflavin and UV-A: An Update". Hauswirth SG. Lecture & Panel Discussion*
5. National Optometric Council on Refractive Technology Symposium; Boston, MA. October 11, 2011
"Corneal Collagen Crosslinking: A Current Look at Outcomes". Hauswirth SG. Lecturer & Panel Discussion
6. National Optometric Council of Refractive Technology Symposium; Phoenix, AZ. November 23, 2012. *"Corneal Crosslinking in 2012: What Happened in the Literature" Lecture & Panel Discussion*
7. American Society of Cataract and Refractive Surgeons IOMED Symposium. Boston, MA. April 26, 2014. *"Management of the Advanced Technology Patient" Moderator, Lecturer, and Panel Discussion*
8. American Academy of Optometry Meeting, Anaheim, CA. November 11, 2016
"Rapid Fire Session; The Changing Face of Dry Eye: Emerging Trends and Innovations in Diagnosis and Treatment" Hauswirth SG, O'Dell L, Mangan, R, Karpecki P. Lecture
9. American Academy of Optometry Meeting, Anaheim, CA. November 11, 2016
"Uncovering Demodex: The Latest in Diagnosis and Treatment". Schachter S, O'Dell L, Hauswirth SG. Workshop
10. INTREPID Eye Society CE Event, Miami Beach, FL. October 27, 2016
"Bugs & Drugs" Hauswirth SG, Lighthizer N. Lecture
11. 2nd Annual Optometric Council on Cornea and Refractive Surgery (OCCRS) Symposium, San Diego, CA April 22-24, 2017. *"Co-management of Refractive Surgery". Hauswirth SG, Karpecki P, Goodman G. Moderator, Lecturer, and Panel Discussion*
12. American Optometric Association Annual Meeting. Washington, DC. June 21-24, 2017
"Understanding the Role of Inflammation in Dry Eye", Hauswirth SG, O'Dell L. Lecture
13. American Optometric Association Annual Meeting. Washington, DC. June 21-24, 2017
"Pardon the Objection: Anterior Segment", Bloomenstein M, Hauser W, Hauswirth S, Dunbar M. Lecture & Panel Discussion
14. American Academy of Optometry Meeting, Chicago, IL. October 11-13, 2017
"Pain and Photophobia in Ocular Surface Disease" Hauswirth SG. Lecture
15. American Academy of Optometry Meeting, Chicago, IL. October 11-13, 2017
"Laser K's: Keratectomy to Keratomileusis with a SMILE" Ibach M, Hauswirth SG. Lecture
16. American Academy of Optometry Meeting, Chicago, IL. October 11-13, 2017
"Blepharitis Workshop". O'Dell L, Schachter S, Hauswirth SG. Workshop
17. American Academy of Optometry Meeting, Chicago, IL. October 11-13, 2017
"Hot Topics: Novel Treatments" Session Moderator

18. East-West Conference, Cleveland, OH. November 2-4, 2017
"Updates in Corneal Collagen Crosslinking"; Lecture
19. East-West Conference, Cleveland, OH. November 2-4, 2017
"Advances in Refractive Surgery 2017"; Lecture
20. East-West Conference, Cleveland, OH. November 2-4, 2017
"The Dark Side of the Anterior Segment"; Lecture
21. East-West Conference, Cleveland, OH. November 2-4, 2017
"From PK to DMEK: Managing the Keratoplasty Patient"; Lecture
22. American Optometric Association Annual Meeting. Denver, CO. June 20, 2018.
"Pain and Photophobia in Ocular Surface Disease"; Lecture
23. American Optometric Association Annual Meeting. Denver, CO. June 20, 2018.
"Anterior Segment Dilemmas"; Lecture
24. Vision Expo West Conference. Las Vegas, NV. September 27, 2018
"Anterior Segment Dilemmas"; Lecture
25. Vision Expo West Conference. Las Vegas, NV. September 28, 2018.
"Updates in Corneal Collagen Crosslinking"; Lecture
26. American Academy of Optometry Meeting, San Antonio, TX. November 10, 2018.
*"Reviving the Limbus: The importance of the Limbal Stem Cell Niche"; Hauswirth SG,
 Ibach M. Lecture*
27. Vision Expo East Conference. New York, NY. March 21, 2019.
*"Pain, Photophobia, and Ocular Pathology: What you can do to help your patients."
 Lecture.*
28. Vision Expo East Conference. New York, NY. March 22, 2019.
"Updates in Corneal Collagen Crosslinking". Lecture.
29. American Optometric Association Annual Meeting. St. Louis, MO. June 19, 2019.
*"Ocular Urgencies and Emergencies: Are you prepared?" Mangan RB, Hauswirth SG.
 Lecture.*

State/Regional Conferences

1. Minnesota Optometric Association Fall Meeting, St. Cloud, MN September 22, 2007
"Anterior Segment Dilemmas" Hauswirth SG, Fahmy AM. Lecture.
2. South Dakota Optometric Association Meeting, Chamberlain, SD. April 18, 2008
"Managing the Keratoplasty Patient"
3. South Dakota Optometric Association Meeting, Chamberlain, SD. April 18, 2008
"Lumps, Bumps, and What the...?"
4. South Dakota Optometric Association Meeting, Chamberlain, SD. April 18, 2008
"Updates in Ocular Surface Disease"
5. South Dakota Optometric Association Meeting, Chamberlain, SD. April 18, 2008
"Anterior Segment Dilemmas"
6. North Dakota Optometric Association Annual Meeting, Fargo, ND October 2-3, 2011
"Anterior Segment Dilemmas"
7. North Dakota Optometric Association Annual Meeting, Fargo, ND October 2-3, 2011
"Updates in Corneal Collagen Crosslinking"
8. North Dakota Optometric Association Annual Meeting, Fargo, ND October 2-3, 2011
"Lumps, Bumps, and What the...?"
9. North Dakota Optometric Association Annual Meeting, Fargo, ND October 2-3, 2011
"Premium IOLs: Offering More to your Patients"
10. North Dakota Optometric Association Annual Meeting, Fargo, ND October 2-3, 2011
"Updates in Ocular Surface Disease"

11. North Dakota Optometric Association Annual Meeting, Fargo, ND October 2-3, 2011
"Current and Future Technologies for the OD Practice"
12. Virginia Optometric Association Fall Meeting, Wintergreen, VA. October 16, 2011
"Updates in Corneal Collagen Crosslinking"
13. Virginia Optometric Association Fall Meeting, Wintergreen, VA. October 16, 2011
"Current and Future Technologies for the OD Practice"
14. Maryland Optometric Association Fall Meeting, Annapolis, MD November 5, 2014
"Updates in Corneal Collagen Crosslinking 2014"
15. Maryland Optometric Association Fall Meeting, Annapolis, MD November 5, 2014 *"Lumps, Bumps, and What the...?"*
16. Minnesota Optometric Association Winter Meeting, St. Paul, MN February 6, 2015
"From PK to DMEK: Management of the Keratoplasty Patient"
17. Minnesota Optometric Association Winter Meeting, St. Paul, MN February 6, 2015
"Infectious Keratitis: Managing the Simple to the Complex"
18. Arizona Optometric Association Fall Meeting, Sedona, AZ November 13-14, 2015
"Infectious Keratitis: Managing the Simple to the Complex"
19. Arizona Optometric Association Fall Meeting, Sedona, AZ November 13-14, 2015
"Scenes from an Anterior Segment Practice"
20. Arizona Optometric Association Fall Meeting, Sedona, AZ November 13-14, 2015
"From PK to DMEK: Managing the Keratoplasty Patient"
21. Arizona Optometric Association Fall Meeting, Sedona, AZ November 13-14, 2015
"Lumps, Bumps, and What the...?"
22. Maine Optometric Association Meeting, Portland, ME December 5-6, 2015 *"Updates in Corneal Collagen Crosslinking"*
23. Maine Optometric Association Meeting, Portland, ME December 5-6, 2015
"Lumps, Bumps, and What the...?"
24. Maine Optometric Association Meeting, Portland, ME December 5-6, 2015
"Infectious Keratitis: Managing the Simple to the Complex"
25. Maine Optometric Association Meeting, Portland, ME December 5-6, 2015
"Beyond Dry Eye: Improving the Success of Treating the Ocular Surface"
26. Maine Optometric Association Meeting, Portland, ME December 5-6, 2015
"Scenes from an Anterior Segment Practice"
27. South Dakota Optometric Association Meeting, Chamberlain, SD. April 2, 2016
"Utilizing Amniotic Tissue in the Optometric Setting"
28. South Dakota Optometric Association Meeting, Chamberlain, SD. April 2, 2016
"Scenes from an Anterior Segment Practice"
29. South Dakota Optometric Association Meeting, Chamberlain, SD. April 2, 2016
"Infectious Keratitis: Managing the Simple to the Complex"
30. South Dakota Optometric Association Meeting, Chamberlain, SD. April 2, 2016
"From PK to DMEK: Managing the Keratoplasty Patient"
31. South Dakota Optometric Association Meeting, Chamberlain, SD. April 2, 2016
"Updates in Corneal Collagen Crosslinking"
32. Twin Cities Ocular Surface Symposium, Minneapolis, MN. June 9, 2018.
"Taking a Second Look at the Lids"; Lecture, Panel Discussion

Local Conferences/CE Events

1. Pennsylvania College of Optometry Cornea and Contact Lens Symposium. Philadelphia, PA. June 11, 2000 *"Enhancement Decisions for Refractive Surgery"*

2. Minnesota Eye Consultants Refractive Surgery CE Seminar. Minneapolis, MN. June 19, 2000 *"Top Five Complications Following LASIK Surgery"*
3. Bagan Strinden Vision CE Event; Fargo, ND. June 28, 2010.
"Premium IOLs: offering more to your patients"
4. Eye Clinic of North Dakota Annual Skeet Shoot and CE; Bismarck, ND. September 9, 2011
"Current and Future Technologies for the OD Practice"
5. Eye Clinic of North Dakota Annual Skeet Shoot and CE; Bismarck, ND. September 9, 2011
"Updates in Management of Dry Eye Disease"
6. Central Maryland Optometric Society; Bethesda, MD. April 19, 2012
"Current and Future Technologies for the OD Practice"
7. Central Maryland Optometric Society; Bethesda, MD. April 19, 2012
"Corneal Collagen Crosslinking"
8. Minnesota Eye Consultants OD Perspectives Meeting, Bloomington, MN. May 15, 2012
"Dry Eye Symposium" Hauswirth SG, Fahmy AM, Hardten DR.
9. Minnesota Eye Consultants OD Perspectives Meeting, Bloomington, MN. May 19, 2013
"Dry Eye Symposium" Hauswirth SG, Fahmy AM, Hardten DR.
10. Illinois College of Optometry Annual Fall CE Event, Chicago, IL. November 3, 2013
"Anterior Segment Dilemmas"
11. Minnesota Eye Consultants OD Perspectives Meeting, Bloomington, MN. May 19, 2014 *"The Aging Eye: Diagnostic tools for managing an aging population" Hauswirth SG, Fahmy AM.*
12. TLC Summer CE Symposium, Fargo, ND August 8, 2014
"Infectious Keratitis: Managing the Simple to the Complex"
13. TLC Summer CE Symposium, Fargo, ND August 8, 2014
"From PK to DMEK: Managing the Keratoplasty Patient"
14. TLC Summer CE Symposium, Fargo, ND August 8, 2014
"Scenes from an Anterior Segment Practice"
15. TLC Summer CE Symposium, Fargo, ND August 8, 2014
"Updates in the Management of Dry Eye Disease"
16. Valley Eye Care Optometric Meeting, Appleton, WI October 1, 2014
"Clinical Dry Eye Management: Diagnostics and Treatment Methodologies"
17. Piedmont Optometric Society Meeting, Charlotte, NC February 10, 2015
"The Ocular Surface Toolbox"
18. Minnesota Eye Consultants OD Perspectives Meeting, Bloomington, MN May 18, 2015
"Ocular Urgencies, Emergencies and Comanagement"
19. Minnesota Association of Optometrists and Opticians, Bloomington, MN October 28, 2016
"Beyond Dry Eye: Improving the Success of Treating the Ocular Surface"
20. Minnesota Association of Optometrists and Opticians, Bloomington, MN October 28, 2016
"Scenes from an Anterior Segment Practice";Lecture
21. 21st Annual University of Colorado Department of Ophthalmology Symposium, Aurora, CO. September 15, 2017
"Corneal Collagen Crosslinking";Lecture
22. 21st Annual University of Colorado Department of Ophthalmology Symposium, Aurora, CO. September 15, 2017
"Pain and Photophobia in Ocular Surface Disease";Lecture
23. Sacramento Valley Optometric Society Tahoe Summit 2018, Incline Village, NV. July 21, 2018.
"Pain and Photophobia in Ocular Surface Disease";Lecture
24. Sacramento Valley Optometric Society Tahoe Summit 2018, Incline Village, NV. July 21, 2018.
"Keeping Step with DEWS2: Clinical Applications"; Lecture
25. San Diego County Optometric Society Meeting. San Diego, CA. October 18, 2018.

“Why DEWS2 Makes my eyes HURT”; Lecture

“Corneal Crosslinking” Hauswirth SG, Taravella M. Boulder Eye Center, December 2018.

CE Presentations for Ophthalmic Technicians

“More than Meets the Eye: Illusions of the Anterior Segment Patient”, Topics in Ophthalmology.
Minneapolis, MN. October 21, 2002

“Neuroanatomy Review”, Hauswirth, S. Topics in Ophthalmology. Minneapolis, MN. October 13, 2005

“Careful Examination of the Red Eye”, Hauswirth, S, Fahmy A. Topics in Ophthalmology. Minneapolis, MN. November 13, 2006

“Careful Examination of the Red Eye (Part 2)”, Hauswirth SG, Fahmy AM. Topics in Ophthalmology.
Minneapolis, MN. November 14, 2007

“Ocular Surface Disease: An introduction” Hauswirth SG, Fahmy AM. Topics in Ophthalmology.
Minneapolis, MN. November 13, 2008

“Corneal Crosslinking” Hauswirth SG. Presentation to RMLEI Staff; October 2018.

TEACHING RECORD

Presentations:

“Advanced Ocular Surface: Masquerades and Management” University of Colorado Grand Rounds
Presentation, February 2, 2017

“Pain and Photophobia in Dry Eye” – University of Colorado Annual Ophthalmology Symposium.
Aurora, CO. September 15, 2017

“Updates in Corneal Collagen Crosslinking 2017” – University of Colorado Annual Ophthalmology
Symposium. Aurora, CO. September 15, 2017

Foundations of Doctoring – Participant, October 2018

Key Administrative Positions:

Aug 2009 – June 2017 Director, Student Externship Program, Minnesota Eye Consultants

Mar 2011 – June 2017 Laboratory Director, Minnesota Eye Consultants

Aug 2017 - Director, Ocular Surface Center, Sue Anschutz-Rodgers Eye Center, University of
Colorado

Accomplishments:

Initiated and maintained Optometric Externship Program at Minnesota Eye Consultants from
November 2009 to May 2017.

Assisted with training/mentoring of optometric residents at Minnesota Eye Consultants from 2007-
2017

TRAINEES

Residents:

July 2006 – June 2007 Benjamin Fogal, OD; Minnesota Eye Consultants, Bloomington, MN

July 2007 – June 2008 Mona Fahmy, OD; Minnesota Eye Consultants, Bloomington, MN

July 2008 – June 2009 Sandy Pham-Vang, OD; Maple Grove, MN

July 2009 – June 2010 Jake Kozisek, OD; Green Bay, WI

July 2010 – June 2011 Jaclyn Morin, OD; Mayo Clinic, Eau Claire, WI

July 2012 – June 2013 Kate Montelaegre, OD; HealthPartners, St. Paul, MN

July 2013 – June 2014 Mitch Ibach, OD; Vance Thompson Eye Center, Sioux Falls, SD

July 2014 – June 2015 Mark Buboltz, OD; Minnesota Eye Consultants, Bloomington, MN

July 2016 – June 2017 Alicia Alvarado, OD; First Eye Care, Fridley, MN

Optometric Externs:

Nov 2009 - Feb 2010 Brooke Messer, OD; Cornea and Contact Lens Consultants, Edina, MN
May 2010 – Aug 2010 Leslie Meyer, OD; Indian Health Service, Shiprock, NM
May 2011 – Aug 2011 Tyler Sommerfield; Kaiser Permanente, Denver, CO
Aug 2011 – Nov 2011 Marina Su, OD; Fromer Eye Centers, New York, NY
Nov 2011 – Feb 2012 Chad Stockert, OD; Placentia, CA
Feb 2012 – May 2012 Lindsey Plett, OD; Plett Family Optometry, Turlock, CA
Aug 2012 – Nov 2012 Heidi Tao, OD; EYEXAM of CA, Brea, CA
Nov 2012 – Feb 2013 Lyndsay Stewart, OD; Clackamas Eye Care, Clackamas, OR
Feb 2013 – May 2013 Alyssa Shandrick, OD; Kaiser Permanente, Woodland Hills, CA
May 2013 – Aug 2013 Heidi Miller, OD; University of California Davis, Davis, CA
Aug 2013 – Nov 2013 Lauren Hazelton, OD; Sanford Health Center, Bemidji, MN
Nov 2013 - Feb 2014 Jacqueline Vu, OD; Orange Coast Eye Center, Fountain Valley, CA
Feb 2014 – May 2014 Maria Magana, OD; Houston, TX
Apr 2014 - May 2014 Dominique Oker; Eden Prairie Eye Care, Eden Prairie, MN
May 2014 - Aug 2014 Emelia Petrossian, OD; Antelope Mall Vision Center, Palmdale, CA
Oct 2014 – Dec 2014 Audrey Dawson, OD
Jan 2015 – May 2015 Meghan Earley, OD; Woodbury Eye Care Clinic
Mar 2015 - May 2015 Hilary Hopkins, OD; Lake Chelan, WA
May 2015 – Aug 2015 Krista Roden, OD; Blackstone Optometry, Los Angeles, CA
Aug 2015 - Nov 2015 Jessica Jackson, OD; Okinawa, Japan
Feb 2016 – May 2016 Lynn Huffman, OD; Beulah, ND
May 2016 - Sept 2016 Jake Stallbaumer, OD; Memphis Veterans Administration Hospital, Memphis, TN
Sept 2016 – Dec 2016 Whitney Carow, OD; Essentia Health; Duluth, MN
Jan 2017 - May 2017 Shalon Rothstein, OD; Northway Eye and Contact Lens Center, St. Cloud, MN

RESEARCH:

GRANT SUPPORT

Grant Recipient: National Science Foundation, Innovation Corps Team #975: TearRestore; \$25,000 Mentor; assisted design development, research design protocols and implementation, and provided guidance to acquisition of KOL advisory committee and consumer survey. January 2017 – April 2018.

CLINICAL RESEARCH PARTICIPATION

Sponsored Studies:

Principal Investigator: Tear Solutions, Inc. LOS Protocol 001. A Double-Masked, Randomized, Multi-Center Phase 2 Study to Evaluate the Efficacy and Safety of Lacriprep in Subjects with Dry Eye Associated with Primary Sjogren's Syndrome. NCT #03226444.

Sub-Investigator: Abbot Medical Optics STAR-110-IDMY: A Prospective Study to Evaluate the Safety and Effectiveness of Wavefront-Guided LASIK Correction of Myopic Refractive Errors with the iDesign Advanced Wavescan Studio System and STAR S4 IR Excimer Laser System. NCT #01663363

Sub-Investigator: Abbott Medical Optics DIOL-101-TCNS: Clinical Evaluation of the Tecnis Multifocal Intraocular Lens, Model ZM900. NCT #00747565

Sub-Investigator: Abbott Medical Optics DIOL-104-TCNS: Clinical Evaluation of the Tecnis Multifocal Intraocular Lens, Model ZM900, Study Expansion

Sub-Investigator: Acufocus ACU-P-003: A Prospective Multi-Center Clinical Trial to Evaluate the Safety and Effectiveness of the Acufocus ACL 7000 in Presbyopic Subjects.

Sub-Investigator: AlphaCor. Clinical Evaluation of the AlphaCor Artificial Cornea.

Sub-Investigator: Allergan 192024-091: The Efficacy and Safety of Bimatoprost Sustained-Release (SR) in Patients with Open-angle Glaucoma or Ocular Hypertension. NCT #02247804.

Sub-Investigator: Allergan MA-ZYN-08-001: A Multicenter, Investigator-Masked, Randomized, Parallel Group Comparison Study to Assess if the Presence of BAK in Topical Fluoroquinolone Reduces the Likelihood of Susceptibility for Induction of Resistant Organisms in Healthy Adult Subjects.

Sub-Investigator: Allergan AG9818-001-00: A Multi-Center, Double-Masked, Randomized, Two-Arm, Parallel-Group Study to Compare the Efficacy, Safety and Acceptability of Optive Unit-Dose Eye Drops with Refresh Plus Unit-Dose Lubricant Eye Drops for 3 Months in Subjects Following LASIK Refractive Surgery.

Sub-Investigator: Allergan MA-RES-08-001: A Multi-Center, Prospective, Observational Study of the Progression of Ocular Findings in Dry Eye Disease (PROOF Study). NCT #00833235

Sub-Investigator: Allergan 190342-019T: A Multi-Center, Double-Masked, Randomized, Parallel, Four-week Study of the Safety and Efficacy of 0.2% Brimonidine/0.5% Timolol Combination Ophthalmic Solution BID Compared with Concurrent Alphagan TID and Timolol BID (0.2% Brimonidine and 0.5% Timolol) Ophthalmic Solutions and Alphagan (0.2% Brimonidine) Ophthalmic Solution TID in Treatment-Naïve Patients with Glaucoma or Ocular Hypertension. NCT #00652106

Sub-Investigator: Allergan 191578-005-02: A Multi Center, Double Masked, Randomized Parallel Group Study Evaluating the Safety and Efficacy of a New Formulation of Ketorolac 0.45% Ophthalmic Solution Compared with Vehicle Administered Preoperatively and Twice-Daily Postoperatively for Two Weeks for the Treatment of Anterior Segment Inflammation, Pain, and Inhibition of Surgically Induced Miosis Following Cataract Extraction with Posterior Chamber Intraocular Lens (IOL) Implantation

Sub-Investigator: AqueSys, Inc. P11-001: A Prospective Multi-Center Clinical Trial Designed to Evaluate the Safety and Performance of the Aquesys Microfistula Implant in Subjects with Refractory Glaucoma. NCT #01640756.

Sub-Investigator: AqueSys, Inc. SLX53: SOLX Clinical Protocol SLX53 – Randomized, Controlled, Multicenter Comparative Trial to Evaluate the SOLX Gold Shunt for the Reduction of Intraocular Pressure (IOP) in Glaucomatous Eyes Following Failed Medical and Conventional Surgical Treatments (IDE #G050140)

Sub-Investigator: Aton Pharma. 07-004-12: A Multi-Center Investigation of Patient Acceptability of Lacrisert.

Sub-Investigator: Bascom Palmer Eye Institute NEI. Ahmed versus Baerveldt Comparison (ABC) Study. NCT #00376363.

Sub-Investigator: Bausch & Lomb Inc. "S00007: A Dose-Ranging Study to Evaluate the Safety and Efficacy of Bromfenac Ophthalmic Solution vs. Placebo in Alleviating the Signs and Symptoms of Dry Eye Disease." NCT #01212471.

Sub-Investigator: Bausch & Lomb Inc. EXKM-607-HYP: A Prospective Multicenter Clinical Trial to Evaluate the Safety and Effectiveness of the Technolas 217A Excimer Laser When Used for Intrastromal Ablation (LASIK, or Laser In-Situ Keratomileusis) for the Correction of Naturally Occurring Hyperopia Between 1.0-4.0D of Spherical Refraction with Up to 2.0D of Refractive Astigmatism.

Sub-Investigator: Bausch & Lomb, Inc. USSMS-AO-01: Prospective, Randomized, Bilateral Eye Study of the Bausch & Lomb SofPort Advanced Optics (AO) Aspheric IOL (Model LI61AO) versus the Bausch & Lomb SofPort Square Edge (SE) IOL (Model LI61SE).

Sub-Investigator: Bausch & Lomb, Inc. 105.654.813: A Randomized, Multi-Center, Parallel-Group, Safety and Efficacy Study of Lotemax Gel 0.5% and Restasis 0.05% for 12 weeks in Subjects with Mild or Moderate Keratoconjunctivitis Sicca.

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Sub-Investigator: Chakshu Research. CK-0109: A Phase 2, Randomized, Placebo-Controlled, Double-Masked, Multicenter Safety and Efficacy Study of C-KAD Ophthalmic Solution in Patients with Loss of Visual Acuity Due to Age-Related Cataract. NCT #00793091.

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Sub-Investigator: GC-003: A Study of the iStent Trabecular Bypass Micro Stent in Combination with Cataract Surgery in Subjects with Open-Angle Glaucoma.

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Sub-Investigator: HumanOptics: AI-001: "Safety and effectiveness of the CustomFlex Artificial Iris Prosthesis for the Treatment of Iris Defects." NCT #01860612

Sub-Investigator: Inspire 03-113: A Multi-Center, Parallel-Group, Double-Masked, Randomized, Placebo-Controlled Study of the Effects of Diquafosol Tetrasodium Ophthalmic Solution 2% in Subjects with Dry Eye Disease and a Central Corneal Staining Score of 3 (NEI scale). NCT #00831662.

Sub-Investigator: Inspire 044-101: A Randomized, Multi-Center, Double-Masked, Placebo-Controlled, Parallel-Group Safety and Efficacy Study of Azithromycin Ophthalmic Solution 1% versus Placebo for Two Weeks in Subjects with Blepharitis.

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- Sub-Investigator:* TearScience LF-001: Randomized Clinical Trial for Treatment of Meibomian Gland Dysfunction and Evaporative Dry Eye Using the Manual Mini System. NCT #00832130.
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- Sub-Investigator:* The Center for Excellence in Eye Care. “Bromfenac BID Plus Prednisolone Acetate BID Versus Bromfenac BID Plus Prednisolone QID for the Prevention of Cystoid Macular Edema and Retinal Thickening”. NCT #00469781.
- Sub-Investigator:* Topcon Medical Systems CXL-002: Safety Study of the VEGA UV-A System to Treat Ectasia. NCT #01398839.
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- Sub-Investigator:* CS-002: Post Photorefractive Keratectomy (PRK) Use of an Eye Shield for maintaining Vision and Mitigating Pain.
- Sub-Investigator:* STAAR Surgical. A Randomized, Prospective Comparison of the Safety, Efficacy, and Quality of Vision Outcomes with STAAR Aspheric Collamer Intraocular Lens (Model CQ2015A) vs. an Approved Standard Spherical Intraocular Lens Alcon Acrysof (SA60AT) for the Treatment of Aphakia Clinical Study.
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- Sub-Investigator:* Clinical Evaluation of Biomask as an Adjunct to Phototherapeutic Keratectomy (PTK).
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- Sub-Investigator:* 349: Bausch & Lomb Zyoptix XP Microkeratome Study #349
- Sub-Investigator:* 809749: DREAM Assessment of Dry Eye Symptom Severity Questionnaire Study.
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