

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

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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  
June 2011 – July 2014 Advisor, Bausch + Lomb  
Mar 2012 - Advisor, BioTissue  
Nov 2012 - Advisor, TearScience, Inc.  
Feb 2015 - Advisor, Shire Pharmaceuticals

Oct 2016 - Advisor, Sun Pharmaceuticals  
Jan 2017 – Chief Medical Advisor, TearRestore  
Jan 2017 - Advisor, Glaukos  
June 2017 - Advisor, Avedro, Inc  
Sept 2017 – Advisor, Mentholatum Co.  
Feb 2018 – Medical Advisor, Terrapin Ocular

### **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, 1<sup>st</sup> 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

### **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, 2018*  
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 Dec 2018

## **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 (12/17-present)
  - Reviewer; Ad hoc contributor
- Editorial Board, Journal of Dry Eye Disease (1/18-present) – *peer reviewed publication*
  - Reviewer

### 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

## 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

3. Newfoundland/Labrador Provincial Annual General Meeting, St. John's, NL October 3, 2015  
*"Anterior Segment Dilemmas" Lecture*
4. Newfoundland/Labrador Provincial Annual General Meeting, St. John's, NL October 3, 2015  
*"Infectious Keratitis" Lecture*
5. 13<sup>th</sup> Annual International Symposium on Ocular Pharmacology and Therapeutics (ISOPT). Rome, Italy. 12/4/2016  
*"Burning Mouth, Burning Eyes: A Case Report" Lecture*

### National Conferences

6. 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
7. American Academy of Optometry Meeting, Orlando, FL. November 12, 2009  
*"Ophthalmic Pipeline: A Look Ahead"*. Hauswirth SG, Fahmy AM. Lecture
8. MedTech 9<sup>th</sup> Annual Investor's Conference, Minneapolis, MN May 17, 2010  
*"Ophthalmic Medical Device Innovation: A Perspective from Optometry"*, Lecturer & Panel Discussion
9. 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
10. 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
11. National Optometric Council of Refractive Technology Symposium; Phoenix, AZ. November 23, 2012  
*"Corneal Crosslinking in 2012: What Happened in the Literature"* Lecture & Panel Discussion
12. 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
13. 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.
14. 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
15. INTREPID Eye Society CE Event, Miami Beach, FL. October 27, 2016  
*"Bugs & Drugs"* Hauswirth SG, Lighthizer N. Lecture
16. 2<sup>nd</sup> 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
17. 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*
18. 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*
  19. American Academy of Optometry Meeting, Chicago, IL. October 11-13, 2017  
*"Pain and Photophobia in Ocular Surface Disease" Hauswirth SG. Lecture*
  20. 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*
  21. American Academy of Optometry Meeting, Chicago, IL. October 11-13, 2017  
*"Blepharitis Workshop". O'Dell L, Schachter S, Hauswirth SG. Workshop*
  22. American Academy of Optometry Meeting, Chicago, IL. October 11-13, 2017  
*"Hot Topics: Novel Treatments" Session Moderator*
  23. East-West Conference, Cleveland, OH. November 2-4, 2017  
*"Updates in Corneal Collagen Crosslinking"; Lecture*
  24. East-West Conference, Cleveland, OH. November 2-4, 2017  
*"Advances in Refractive Surgery 2017"; Lecture*
  25. East-West Conference, Cleveland, OH. November 2-4, 2017  
*"The Dark Side of the Anterior Segment"; Lecture*
  26. East-West Conference, Cleveland, OH. November 2-4, 2017  
*"From PK to DMEK: Managing the Keratoplasty Patient"; Lecture*
  27. American Optometric Association Annual Meeting. Denver, CO. June 20, 2018.  
*"Pain and Photophobia in Ocular Surface Disease"; Lecture*
  28. American Optometric Association Annual Meeting. Denver, CO. June 20, 2018.  
*"Anterior Segment Dilemmas"; Lecture*

State/Regional Conferences

29. Minnesota Optometric Association Fall Meeting, St. Cloud, MN September 22, 2007  
*"Anterior Segment Dilemmas" Hauswirth SG, Fahmy AM. Lecture.*
30. South Dakota Optometric Association Meeting, Chamberlain, SD. April 18, 2008  
*"Managing the Keratoplasty Patient"*
31. South Dakota Optometric Association Meeting, Chamberlain, SD. April 18, 2008  
*"Lumps, Bumps, and What the...?"*
32. South Dakota Optometric Association Meeting, Chamberlain, SD. April 18, 2008  
*"Updates in Ocular Surface Disease"*
33. South Dakota Optometric Association Meeting, Chamberlain, SD. April 18, 2008  
*"Anterior Segment Dilemmas"*
34. North Dakota Optometric Association Annual Meeting, Fargo, ND October 2-3, 2011  
*"Anterior Segment Dilemmas"*
35. North Dakota Optometric Association Annual Meeting, Fargo, ND October 2-3, 2011  
*"Updates in Corneal Collagen Crosslinking"*
36. North Dakota Optometric Association Annual Meeting, Fargo, ND October 2-3, 2011  
*"Lumps, Bumps, and What the...?"*
37. North Dakota Optometric Association Annual Meeting, Fargo, ND October 2-3, 2011  
*"Premium IOLs: Offering More to your Patients"*
38. North Dakota Optometric Association Annual Meeting, Fargo, ND October 2-3, 2011  
*"Updates in Ocular Surface Disease"*
39. North Dakota Optometric Association Annual Meeting, Fargo, ND October 2-3, 2011  
*"Current and Future Technologies for the OD Practice"*
40. Virginia Optometric Association Fall Meeting, Wintergreen, VA. October 16, 2011  
*"Updates in Corneal Collagen Crosslinking"*
41. Virginia Optometric Association Fall Meeting, Wintergreen, VA. October 16, 2011  
*"Current and Future Technologies for the OD Practice"*
42. Maryland Optometric Association Fall Meeting, Annapolis, MD November 5, 2014  
*"Updates in Corneal Collagen Crosslinking 2014"*
43. Maryland Optometric Association Fall Meeting, Annapolis, MD November 5, 2014

*"Lumps, Bumps, and What the...?"*

44. Minnesota Optometric Association Winter Meeting, St. Paul, MN February 6, 2015  
*"From PK to DMEK: Management of the Keratoplasty Patient"*
45. Minnesota Optometric Association Winter Meeting, St. Paul, MN February 6, 2015  
*"Infectious Keratitis: Managing the Simple to the Complex"*
46. Arizona Optometric Association Fall Meeting, Sedona, AZ November 13-14, 2015  
*"Infectious Keratitis: Managing the Simple to the Complex"*
47. Arizona Optometric Association Fall Meeting, Sedona, AZ November 13-14, 2015  
*"Scenes from an Anterior Segment Practice"*
48. Arizona Optometric Association Fall Meeting, Sedona, AZ November 13-14, 2015  
*"From PK to DMEK: Managing the Keratoplasty Patient"*
49. Arizona Optometric Association Fall Meeting, Sedona, AZ November 13-14, 2015  
*"Lumps, Bumps, and What the...?"*
50. Maine Optometric Association Meeting, Portland, ME December 5-6, 2015  
*"Updates in Corneal Collagen Crosslinking"*
51. Maine Optometric Association Meeting, Portland, ME December 5-6, 2015  
*"Lumps, Bumps, and What the...?"*
52. Maine Optometric Association Meeting, Portland, ME December 5-6, 2015  
*"Infectious Keratitis: Managing the Simple to the Complex"*
53. Maine Optometric Association Meeting, Portland, ME December 5-6, 2015  
*"Beyond Dry Eye: Improving the Success of Treating the Ocular Surface"*
54. Maine Optometric Association Meeting, Portland, ME December 5-6, 2015  
*"Scenes from an Anterior Segment Practice"*
55. South Dakota Optometric Association Meeting, Chamberlain, SD. April 2, 2016  
*"Utilizing Amniotic Tissue in the Optometric Setting"*
56. South Dakota Optometric Association Meeting, Chamberlain, SD. April 2, 2016  
*"Scenes from an Anterior Segment Practice"*
57. South Dakota Optometric Association Meeting, Chamberlain, SD. April 2, 2016  
*"Infectious Keratitis: Managing the Simple to the Complex"*
58. South Dakota Optometric Association Meeting, Chamberlain, SD. April 2, 2016  
*"From PK to DMEK: Managing the Keratoplasty Patient"*
59. South Dakota Optometric Association Meeting, Chamberlain, SD. April 2, 2016  
*"Updates in Corneal Collagen Crosslinking"*

*Local Conferences/CE Events*

60. Pennsylvania College of Optometry Cornea and Contact Lens Symposium. Philadelphia, PA. June 11, 2000  
*"Enhancement Decisions for Refractive Surgery"*
61. Minnesota Eye Consultants Refractive Surgery CE Seminar. Minneapolis, MN. June 19, 2000  
*"Top Five Complications Following LASIK Surgery"*
62. Bagan Strinden Vision CE Event; Fargo, ND. June 28, 2010.  
*"Premium IOLs: offering more to your patients"*
63. Eye Clinic of North Dakota Annual Skeet Shoot and CE; Bismarck, ND. September 9, 2011  
*"Current and Future Technologies for the OD Practice"*
64. Eye Clinic of North Dakota Annual Skeet Shoot and CE; Bismarck, ND. September 9, 2011  
*"Updates in Management of Dry Eye Disease"*
65. Central Maryland Optometric Society; Bethesda, MD. April 19, 2012  
*"Current and Future Technologies for the OD Practice"*
66. Central Maryland Optometric Society; Bethesda, MD. April 19, 2012  
*"Corneal Collagen Crosslinking"*
67. Minnesota Eye Consultants OD Perspectives Meeting, Bloomington, MN. May 15, 2012  
*"Dry Eye Symposium" Hauswirth SG, Fahmy AM, Hardten DR.*
68. Minnesota Eye Consultants OD Perspectives Meeting, Bloomington, MN. May 19, 2013  
*"Dry Eye Symposium" Hauswirth SG, Fahmy AM, Hardten DR.*
69. Illinois College of Optometry Annual Fall CE Event, Chicago, IL. November 3, 2013  
*"Anterior Segment Dilemmas"*

70. 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.
71. TLC Summer CE Symposium, Fargo, ND August 8, 2014  
*"Infectious Keratitis: Managing the Simple to the Complex"*
72. TLC Summer CE Symposium, Fargo, ND August 8, 2014  
*"From PK to DMEK: Managing the Keratoplasty Patient"*
73. TLC Summer CE Symposium, Fargo, ND August 8, 2014  
*"Scenes from an Anterior Segment Practice"*
74. TLC Summer CE Symposium, Fargo, ND August 8, 2014  
*"Updates in the Management of Dry Eye Disease"*
75. Valley Eye Care Optometric Meeting, Appleton, WI October 1, 2014  
*"Clinical Dry Eye Management: Diagnostics and Treatment Methodologies"*
76. Piedmont Optometric Society Meeting, Charlotte, NC February 10, 2015  
*"The Ocular Surface Toolbox"*
77. Minnesota Eye Consultants OD Perspectives Meeting, Bloomington, MN May 18, 2015  
*"Ocular Urgencies, Emergencies and Comanagement"*
78. Minnesota Association of Optometrists and Opticians, Bloomington, MN October 28, 2016  
*"Beyond Dry Eye: Improving the Success of Treating the Ocular Surface"*
79. Minnesota Association of Optometrists and Opticians, Bloomington, MN October 28, 2016  
*"Scenes from an Anterior Segment Practice"*
80. 21<sup>st</sup> Annual University of Colorado Department of Ophthalmology Symposium, Aurora, CO. September 15, 2017  
*"Corneal Collagen Crosslinking"*
81. 21<sup>st</sup> Annual University of Colorado Department of Ophthalmology Symposium, Aurora, CO. September 15, 2017  
*"Pain and Photophobia in Ocular Surface Disease"*
82. Sacramento Valley Optometric Society Tahoe Summit 2018, Incline Village, NV. July 21, 2018.  
*"Pain and Photophobia in Ocular Surface Disease"*
83. Sacramento Valley Optometric Society Tahoe Summit 2018, Incline Village, NV. July 21, 2018.  
*"Keeping Step with DEWS2: Clinical Applications"*

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

**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

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 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	Jaelyn 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

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.



## **BIBLIOGRAPHY**

### *Peer-Reviewed Publications:*

1. **“Comparison of Laser Designs Utilized for Refractive Surgery”**, Hardten DR, Hauswirth SG. Curr Opin Ophthalmol. 2003 Aug; 14(4):213-9. PMID: 12888720.
2. **“Diagnosis and Management of Meibomian Gland Function: Optometrists’ Perspective”** Opitz DL, Harthan JS, Fromstein SR, Hauswirth SG. Clin Optom. 2015, 7:59-69.
3. **“n-3 Fatty Acid Supplementation for the Treatment of Dry Eye Disease”**, Dry Eye Assessment and Management Study Reseach Group, Asbell PA, Maguire MG, Psitilli M, et al. N Engl J Med. 2018 May 3;378(18):1681-1690. PMID: 29652551. (collaborator)C:

### *Textbook Chapters:*

1. **“Disorders of the Cornea”**, Hauswirth SG, Hardten DR, Lindstrom RL. In Agarwal(ed) Handbook of Ophthalmology. Slack, inc. 2004. Chapter 8.
2. **“Excimer Lasers in Refractive Surgery”**, Hauswirth SG, Hardten DR. in Brightbill(ed) Corneal Surgery. 3<sup>rd</sup> edition, 2008. Chapter 89.
3. **“Indications for Penetrating Keratoplasty for Treatment of Irregular Astigmatism”**, Hauswirth SG, Davis EA, Hardten DR. in Wang (ed) Irregular Astigmatism, 2007. Slack, inc. Chapter 12.
4. **“Conductive Keratoplasty”** Hauswirth SG, Davis EA. in Agarwal(ed) Refractive Surgery, 2<sup>nd</sup> edition, 2009. Jaypee publishing. Chapter 52.

### *Non-Peer Reviewed Publications:*

1. **“What’s your diagnosis: CIN and Interferon alpha-2b”**, Hauswirth SG. Primary Care Optometry News. 2006 Dec; 11(10).
2. **“What’s your diagnosis: Suprachoroidal hemorrhage”** Hauswirth SG. Primary Care Optometry News. 2008 Oct;13(10).
3. **“New Therapies for Common Diseases”** Krader CG, reviewed by Hauswirth SG, Fahmy AM. Optometry Times. 2010 October; 3(10):54-55.
4. **“Corneal collagen cross-linking shows promise for treating keratoconus, ectasia”** Hauswirth SG. Primary Care Optometry News. 2011 Jan
5. **“New Paradigms in Management of Dry Eye”** Hauswirth SG. Advanced Ocular Care. 2013 Sept.
6. **“Diagnosing Demodex”** Hauswirth SG. Optometry Times. 2013 Dec.
7. **“Role of Symptoms in Dry Eye”** Hauswirth SG. Primary Care Optometry News. 2014 Jul.
8. **“Caring for Patients Who Undergo Glaucoma Surgery”**. Key Issues in Glaucoma Management: A Review for Optometrists. 2016;4:5-7.
9. **“Combating Bacterial Keratitis”** Hauswirth SG, Mangan R. Review of Optometry. 2016 Aug;153(8):24-27.
10. **“Diagnosing and Treating Sjogren’s Syndrome”** Hauswirth SG. Optometry Times. 2016 Aug.
11. **“Beyond the Basics: Tackling Amniotic Membrane Therapy Complications”** Hauswirth SG. Review of Optometry. 2017 Jan;154(1):42-45.
12. **“Bugs and Drugs: Battling Bacterial Keratitis”** Hauswirth SG, Lighthizer N. Advanced Ocular Care. 2017 Apr;Suppl:12-14.
13. **“The Interaction of Dry Eye and Ocular Allergy”** Hauswirth SG. Advanced Ocular Care. 2017 Apr:39-42.
14. **“Today’s Crosslinking is Not your Father’s Oldsmobile”** Hauswirth, SG. Contact Lens Spectrum. 2017 Sep;32(9):28-34.
15. **“When Dry Eye Compromises Corneal Integrity”** Hauswirth SG. Review of Optometry, 2017 Nov. 154(11): 38-43.
16. **“An OD’s Guide to Corneal Transplant Options”** Ibach M, Hauswirth SG. Review of Optometry, 2018 Jan. 155(1):44-49.
17. **“Five Emergency Cases ODs Should Refer Immediately”** Hauswirth SG. CollaborativeEYE. Aug 2018.

*Original Research Presentations:*

1. **“Lasik with the VISX Star S2 Smoothscan for Low and High Myopia: One Year Results”**, Uttley S, Hardten DR, Lindstrom RL, Chu YR, Hauswirth S. International Society of Refractive Surgeons Fall World Refractive Surgery Symposium October 22, 1999, Orlando, FL
2. **“Using Multivariable Nomograms to Improve Predicted Outcomes for LASIK”**, Hauswirth S, Hardten DR, Uttley S, Houtman, D, International Society of Refractive Surgeons Conference, July 22, 2000, Miami, FL \* *Awarded Second Best Paper*
3. **“PTK for the Treatment of Large Epithelial Defects at the Time of LASIK”**, Davis E, Hauswirth S, Hardten DR. International Society of Refractive Surgeons Conference, Presentation July 23, 2000, Miami, FL \* *Awarded Best Paper*
4. **“Contamination of Topical Anesthetic Drops as a Possible Factor in Diffuse Lamellar Keratitis”**, Hauswirth S, Hardten DR. International Society of Refractive Surgeons Conference. Presentation July 23, 2000, Miami, FL
5. **“Retained Lens Fragment Induced Uveitis in a Patient 17 Months Post- Phacoemulsification”**. Hauswirth SG, Gupta PK, Davis EA. Minnesota Optometric Association. Poster February 5, 2011. Minneapolis, MN.
6. **“Relationship of Total Ocular Symptom Score (TOSS) to Presence of Demodex Folliculorum”** Hauswirth SG, Hom M. American Academy of Optometry National Meeting. Poster October 23, 2013. Seattle, WA.
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