

## **Jennifer S. Harthan OD, FAAO, FSLs**

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Chief, Cornea and Contact Lens Center for Clinical Excellence  
Illinois College of Optometry  
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### **EDUCATION**

|                                                                                                                |                           |
|----------------------------------------------------------------------------------------------------------------|---------------------------|
| Diplomate of the Section on Cornea, Contact Lenses, and Refractive Technologies, American Academy of Optometry | October 2023              |
| Fellowship of the American Academy of Optometry                                                                | October 2008              |
| Cornea/Contact Lens Residency<br>Illinois College of Optometry                                                 | 2006-2007<br>Chicago, IL  |
| Doctor of Optometry<br>Illinois College of Optometry                                                           | 2002-2006<br>Chicago, IL  |
| Bachelor of Science, Biology<br>Bethel College                                                                 | 1998-2002<br>St. Paul, MN |

### **EMPLOYMENT EXPERIENCE**

|                                                                             |                                     |
|-----------------------------------------------------------------------------|-------------------------------------|
| Professor<br>Illinois College of Optometry/Illinois Eye Institute           | July 2019-present<br>Chicago, IL    |
| Associate Professor<br>Illinois College of Optometry/Illinois Eye Institute | July 2013-2019<br>Chicago, IL       |
| Assistant Professor<br>Illinois College of Optometry/Illinois Eye Institute | July 2007-present<br>Chicago, IL    |
| Glenview Vision Care<br>Part-Time Associate Optometrist                     | August 2007-present<br>Glenview, IL |

## **PROFESSIONAL APPOINTMENTS**

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|------------------------------------------------------------------------------------------------|----------------------------------|
| Executive Director, GP Lens Institute                                                          | January 2025-present             |
| Chief, Cornea and Contact Lens Center for Clinical Excellence<br>Illinois College of Optometry | April 2014-present               |
| Chief, Urgent Eye Care Service<br>Illinois College of Optometry                                | January 2010-2014                |
| Associate Professor<br>Illinois College of Optometry/Illinois Eye Institute                    | July 2013-present<br>Chicago, IL |
| Assistant Professor of Optometry<br>Illinois College of Optometry                              | July 2008-present                |
| Instructor of Optometry<br>Illinois College of Optometry                                       | July 2007-July 2008              |

## **LICENSES/CERTIFICATIONS**

|                                                                                                                                                       |                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Fellowship, National Academies of Practice                                                                                                            | May 2023          |
| EyePrintPRO Certification                                                                                                                             | 2016              |
| Fellowship, Scleral Lens Education Society                                                                                                            | April 2015        |
| Diplomate, American Board of Optometry                                                                                                                | January 2014      |
| Vision Shaping Treatment; Emerald                                                                                                                     | November 2013     |
| Kerasoft IC Lens Certification                                                                                                                        | 2012              |
| State of Illinois, Department of Professional Regulation<br>Licensed Optometrist, TPA and DPA Certified<br>Licensed Optometrist, Controlled Substance | June 2006-present |
| United States Department of Justice, Drug Enforcement Administration<br>Controlled Substance Registration Certificate                                 | June 2006-present |
| State of Minnesota, Board of Optometry<br>Licensed Optometrist, TPA and DPA Certified                                                                 | June 2006-present |
| Paragon CRT certification                                                                                                                             | June 2006-present |
| Euclid certification                                                                                                                                  | June 2006-present |

## **TEACHING: ILLINOIS COLLEGE OF OPTOMETRY**

### **CURRENT RESPONSIBILITIES**

Clinical Education in the Cornea/Contact Lens Clinic  
Clinical Education in Primary Care  
Clinical Education in the Urgent Eye Care Service  
Cornea and Resident Rounds  
Laboratory Contact Lenses  
Clinical Research  
Student Research Advisor

### **COURSES**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| SOP 366.2 Contact Lenses II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Summer 2019-present |
| <ul style="list-style-type: none"><li>• Myopia Management (3 hours)</li><li>• Specialty Soft Lenses (2 hours)</li><li>• Scleral Lenses (4 hours)</li><li>• Fitting for Keratoconus (3 hours)</li><li>• Post-surgical fitting (2 hours)</li><li>• Billing and coding (1 hour)</li><li>• Ocular surface disease (1 hour)</li><li>• Case Reviews (2 hours)</li></ul>                                                                                                                                                                                                                                                                                           |                     |
| OCD 260.1 Anterior Segment I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Winter 2015-present |
| <ul style="list-style-type: none"><li>• Lacrimal Disorders (3 hour lecture)</li><li>• Dry Eye Disease (5 hour lecture)</li><li>• Update on Ocular Allergic Disease (3 hour lecture)</li><li>• Differential Diagnosis of the Red Eye (1 hour lecture)</li><li>• Viral Infections of the Anterior Segment (2 hour lecture)</li><li>• Herpes Simplex Viral Infections of the Eye (2 hour lecture)</li><li>• Herpes Zoster Viral Infections of the Eye (2 hour lecture)</li><li>• Chlamydial Ocular Infections (1 hour lecture)</li><li>• Bacterial Infections of the Anterior Segment (2 hour lecture)</li><li>• 2 Case Discussions (1.5 hours each)</li></ul> |                     |
| Ocular Emergencies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Winter 2013-2020    |
| <ul style="list-style-type: none"><li>• Corneal Emergencies (1-2 hour lecture)</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |
| CLE 365.1 Contact Lenses (6 hours guest lecturer)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Summer 2011-2013    |
| <ul style="list-style-type: none"><li>• Soft Contact Lens After Care and Complication Management (2 hour lecture)</li><li>• Extended-Continuous-Flexible Wear (2 hour lecture)</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |

- Soft Contact Lens Care Products (2 hour lecture)

#### Rigid Lens Modification Elective

Spring 2007-Spring 2008

- Two, one hour lectures with hands on lab modification

#### **LECTURES/GRAND ROUNDS (ICO)**

Advanced Contact Lens Options/Grand Rounds

Summer 2016-present

Keratoconus Management

Summer 2016-present

Cornea: When to Use Steroids, When to Run Away

Spring 2018-present

Journal Club

April 2018 - present

Myopia Management

Evidenced Based Medicine 2018 Update

April 2018

Cornea Management

April 2018

Resident Conference

The Practice of Evidence Based Medicine

October 2012-present

CLE 162.1 Optometry Course

Urgent Care Review

Summer 2011-2016

Resident Conference, Monthly Presentation (1 hour lecture)

Microbial Keratitis

Summer 2011-2013

Resident Conference (2 hour lecture)

Evidenced Based Healthcare: How to Critically Analyze Journals

Summer 2010- Summer 2011

Resident Conference (2 hour lecture)

Corneal Topography

Spring 2012

Resident Conference (2 hour lecture)

Case Review: What Would You Do? Family Feud

Winter 2012

Resident Conference (2 hour lecture)

CL Update: Cases

Spring 2011

Resident Conference (2 hour lecture)

Keratoconus Lens Fit

Spring 2011

Primary Care Conference (1 hour lecture)

Post Lasik Ectasia

Winter 2011

Primary Care Conference (1 hour lecture)

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|------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Ocular Emergencies: Corneal Injuries<br>Ocular Emergencies Course (1-2 hour lecture)                                   | Winter 2010- Winter 2012 |
| Wavefront Aberrations: Why are they Clinically Significant?<br>BHS 140.1- Sensory Aspects of Vision I (1 hour lecture) | Winter 2009- Winter 2010 |
| Red Eye Rounds<br>Advanced Care Conference (1 hour lecture)                                                            | 2009-2012                |
| NBEO Cornea Review (2 hour lecture)<br>Herpes Review                                                                   | Winter 2009              |
| NBEO Iris, Episclera, and Sclera Review (2 hour lecture)                                                               | Winter 2009              |
| NBEO Lid Review (2 hour lecture)                                                                                       | Winter 2009              |
| Aniseikonia<br>Optics Course (2 hour lecture)                                                                          | Winter 2009              |
| Fourth Year Cornea Orientation<br>Cornea Center for Clinical Excellence (1 hour lecture)                               | Winter 2009-10           |
| Third Year Cornea Orientation<br>Cornea Center for Clinical Excellence (1 hour lecture)                                | Summer 08-09             |
| An Update on Options in 24 Hour Vision<br>Cornea Center for Clinical Excellence (1 hour lecture)                       | 2007-present             |
| Gas Permeable Contact Lenses<br>Cornea Center for Clinical Excellence (1 hour lecture)                                 | 2006-present             |
| Clinical Applications of Wavefront Aberrometry<br>Cornea Center for Clinical Excellence (1 hour lecture)               | Winter 2008-09           |
| Aberrations and Lens Design<br>Ophthalmic Optics Course                                                                | September 2008           |
| Dry Eye Management<br>Third Year Conference (2 hour lecture)                                                           | Summer 2008              |
| Ocular Manifestations of Fabry's Disease<br>Faculty and Resident Conference (2 hour lecture)                           | 2007-2008                |
| Ocular Complications of GVHD<br>Illinois College of Optometry (1 hour lecture)                                         | Spring 2007              |

## **LABORATORY**

### SOP 366.2 Contact Lenses

Summer 2015-present

- 3<sup>rd</sup> year contact lens lab; instructing students on how to evaluate specialty contact lenses

### CLE 365.1 Contact Lenses

Summer 2007-Summer 2013

- 3<sup>rd</sup> year contact lens lab; instructing students on how to evaluate and verify soft lenses, gas permeable lenses, and scleral lenses

### Physical Diagnosis

Spring 2008-Spring 2014

- 2<sup>nd</sup> year lab; instructing students on proper techniques: blood pressure, cultures, etc.

### CLE 162.3 Optometry Lab

2008-09

- 2nd year optometry pre-clinic lab; instructing students on slit lamp, tonometry, gonioscopy, and biomicroscopy

## **CLINICAL**

### Cornea Center for Clinical Excellence

Summer 2007-present

Fourth year and Resident Preceptor

Illinois Eye Institute/Illinois College of Optometry

### Center for Advanced Ophthalmic Care

Summer 2007-2015

Urgent EyeCare Service

Fourth year and Resident Preceptor

Illinois Eye Institute/Illinois College of Optometry

### Primary Eye Care Services

Summer 2007-present

Third, fourth year and resident preceptor

Illinois Eye Institute/Illinois College of Optometry

## **RESEARCH AND SCHOLARLY ACTIVITY**

### **PEER-REVIEWED PUBLICATIONS**

Harthan JS, Nau A, Shorter E, Nau CB, Schornack M, Fogt JS. Presence of eyelid disease in habitual scleral lens wearers. *J. Clin. Med.* 2026, 15, 3181.

Fogt, Jennifer Swingle O.D., M.S.; Schornack, Muriel O.D.; Shorter, Ellen O.D.; Harthan, Jennifer S. O.D.; Nau, Amy O.D.; Nau, Cherie O.D., Fluid Reservoir Characteristics in Established Scleral Lens Wear, Part 1—Evaluation of Fluid Reservoir Depth and Midday Fogging. *Eye & Contact Lens: Science & Clinical Practice* ():10.1097/ICL.0000000000001272, April 14, 2026.

Fogt, Jennifer Swingle OD, MS; Shorter, Ellen OD; Harthan, Jennifer S. OD; Nau, Cherie OD; Nau, Amy OD; Schornack, Muriel OD. Fluid Reservoir Characteristics in Established Scleral Lens Wear, Part II: Evaluation of Tear

Exchange and Midday Fogging. *Eye & Contact Lens: Science & Clinical Practice* ([10.1097/ICL.0000000000001271](https://doi.org/10.1097/ICL.0000000000001271), April 2, 2026.

Nau, CB, Schornack MM, Harthan JS, Fogt JS, Nau, AC, Hogan WJ, Shorter ES. Clinical burden of dry eye disease in patients with ocular graft versus host disease. *Academia Medicine and Health*. Volume 3; Issue 1. 9 January 2026. [doi.org/10.20935/AcadMedHealth8096](https://doi.org/10.20935/AcadMedHealth8096)

Belin, Michael W. M.D.; Harthan, Jennifer S. O.D.; Eiden, S. Barry O.D.; Morgenstern, Andrew S. O.D.; Tullo, William O.D.; Gelles, John D. O.D.; Block, Sandra S. O.D.; Greenstein, Steven M.D.; Hersh, Peter S. M.D. Revised Calculation of the Prevalence of Keratoconus Based on Updated Scheimpflug Corneal Tomography Metrics in a Pediatric Population From a Chicago-Based School Age Vision Clinic. *Eye & Contact Lens: Science & Clinical Practice* ([10.1097/ICL.0000000000001250](https://doi.org/10.1097/ICL.0000000000001250), January 5, 2026.

Hartwick ATE, Morettin CE, Harthan JS, Whiteside M, Shorter E, Johnson SD, Migneco MK, Olson CK, Huecker JB, Than T, Gordon MO. Detection of human herpesvirus 7 in conjunctival samples collected from individuals recovering from conjunctivitis. *Front Ophthalmol (Lausanne)*. 2025 Aug 19;5:1641991. doi: 10.3389/fopht.2025.1641991. eCollection 2025.

Fadel, D., Barnett, M. Specialty Contact Lenses, 1<sup>st</sup> Edition  
Mickles, C. Harthan, J. author chapter 15: Therapeutic Bandage Contact Lenses

Fogt JS, Schornack M, Nau C, Harthan JS, Nau A, Shorter E. Slit lamp findings in scleral lens wearers with and without subjective fogging. *Eye & Contact Lens: Science & Clinical Practice*. 51(10):439-444. October 2025.

Michaud L, Harthan J, Shahidi A, Rah M, Reindel W. Clinical safety and efficacy of orthokeratology contact lenses with toric peripheral curves: A review of the literature. *Eye Contact Lens*. 2025 March

Pucker A, Frogozo M, Malooley M, Harthan J. Point-counter point: treating corneal haze with 0.8mg/mL topical losartan. *Clinical Insights in Eyecare*. Volume 2, Issue 5 December 2024

Nau CB, Schornack MM, Harthan JS, Fogt J, Nau AC, Hogan WJ, Shorter ES. Ocular graft-versus-host disease: Patient perspective. *Journal of Clinical Medicine*. Accepted for publication September 2024.

Nau A, Nau C, Shorter E, Schornack M, Fogt J, Harthan J. Opportunities for Improving the Long-Term Management of Keratoconus Patients. *Journal of Contact Lens Research and Science*. July 29, 2024.

Fahmy AM, Harthan JS, Evans DG, Greiner JV, Tauber J, Sheppard JD, Krösser S and Vittitow JL. Perfluorohexyloctane ophthalmic solution for dry eye disease: pooled analysis of two phase 3 clinical trials. *Front Ophthalmol*. 2024;4:1452422.

Bhakhri R, Harthan JS, Djalilian A. Schnyder Corneal Dystrophy with Late Onset Keratoconus Development. *JFO Open Ophthalmology* [Volume 5](#), March 2024, 100093

Fogt JS, Schornack M, Nau C, Harthan J, Nau A, Shorter E. Image- and Impression-Based Technology in Scleral Lens Fitting for Keratoconus: Availability and Utilization. *Eye Contact Lens*. 2024 Jul 1;50(7):292-296. doi: 10.1097/ICL.0000000000001100. Epub 2024 May 29. PMID: 39078501

Shorter E, Fogt J, Nau C, Harthan J, Nau A, Schornack M. Image- and impression-based technology for scleral lens fitting for keratoconus: Efficiency of the fitting process. *Cont Lens Anterior Eye*. 2024 Oct;47(5):102174. doi: 10.1016/j.clae.2024.102174. Epub 2024 Apr 30. PMID: 38693011

Nau CB, Nau AC, Fogt JS, Harthan JS, Shorter ES, Schornack MM. Patient-Reported Dry Eye Treatment and Burden of Care. *Eye Contact Lens*. 2024 Jun 1;50(6):259-264. doi: 10.1097/ICL.0000000000001086. Epub 2024 Apr 16. PMID: 38625757

Fogt JS, Nau C, Harthan J, Shorter E, Nau A, Patton K, Schornack M. Lens and solution properties in patients with and without midday fogging. *Ophthalmic Physiol Opt*. 2024 Jun;44(4):769-773. doi: 10.1111/opo.13293. Epub 2024 Feb 25. PMID: 38404141

Harthan JS, Gelles JD, Block SS, Tullo W, Morgenstern AS, Su B, Chung D, Yu A, Greenstein SA, Hersh PS, Eiden SB. Prevalence of Keratoconus Based on Scheimpflug Corneal Tomography Metrics in a Pediatric Population From a Chicag-Based School Age Vision Clinic. *Eye Contact Lens*. 2024 Mar 1;50(3):121-125. doi: 10.1097/ICL.0000000000001072. Epub 2024 Feb 7. PMID: 38345011

Yoon H, Harthan JS, Skoog W, Fogt JS, Nau A, Nau CB, Schornack M, Shorter E. Eye Contact Lens. Process and Outcomes of Fitting Corneoscleral Profilometry-Driven Scleral Lenses for Patients With Ocular Surface Disease. 2024 Mar 1;50(3):132-137. doi: 10.1097/ICL.0000000000001064. Epub 2024 Jan 31. PMID: 38305382

Harthan JS, Than T, Shorter E, Hartwick ATE, Morettin CE, Huecker JB, Johnson SD, Migneco MK, Whiteside M, Olson CK, Alferez CS, van Zyl T, Gordon MO. Natural history of adenoviral conjunctivitis in a US-based population: Viral load, signs, and symptoms. *Cont Lens Anterior Eye*. 2024 Apr;47(2):102110. doi: 10.1016/j.clae.2023.102110. Epub 2024 Jan 3. PMID: 38171995

Shorter E, Nau CB, Fogt JS, Nau A, Schornack M, Harthan J. Patient Experiences With Therapeutic Contact Lenses and Dry Eye Disease. *Eye Contact Lens*. 2024 Feb 1;50

Harthan JS, Gelles JD, Block SS, Tullo W, Morgenstern AS, Su B, Chung D, Greenstein SA, Hersh PS, Eiden SB. Prevalence of keratoconus based on scheimpflug corneal tomography metrics in a pediatric population from a Chicago-based school age vision clinic. *Eye Contact Lens*. 2024 Mar 1;50(3):121-125.

Nau CB, Nau AC, Fogt JS, Harthan JS, Shorter ES, Schornack MM. Patient-reported dry eye treatment and burden of care. *Eye Contact Lens*. 2024 Apr 16.

Yoon H, Harthan JS, Skoog W, Fogt JS, Nau A, Nau CB, Schornack M, Shorter E. Process and outcomes of fitting corneoscleral profilometry-driven scleral lenses for patients with ocular surface disease. *Eye Contact Lens*. 2024 Mar 1;50(3):132-137.

Bhakhri R, Harthan J, Djalilian A. Schnyder corneal dystrophy with late onset keratoconus development. *JFO Open Ophthalmology*. 2024/03/01/ 2024;5:100093. doi:<https://doi.org/10.1016/j.jfop.2024.100093>



Harthan JS, Than T, Shorter E, Hartwick A, Morettin CE, Huecker JB, et al. Natural history of adenoviral conjunctivitis in a US-based population: Viral load, signs, and symptoms. *Cont Lens Anterior Eye*. 2024 January.

Shorter E, Nau CB, Fogt JS, Nau A, Schornack M, Harthan J. Patient experiences with therapeutic contact lenses and dry eye disease. *Eye Contact Lens*. 2023 Nov 1.

Harthan J, Fogt J, Schornack MM, Nau C, Nau A, Shorter E. Graduating optometry student perceptions of their scleral lens fitting knowledge. *Optom Educ*. 2023 Summer;48(3):27-30.

Morettin CE, Harthan JS, Huecker JB, Perera CD, Than T, Whiteside M, Johnson SD, Shorter E, Migneco MK, Olson CK, Alferez CS, Camp D, Hartwick, ATE, Gordon MO. Correlation of adenoviral titers with severity of adenoviral conjunctivitis and time to viral clearance for 21 days. *Optom Vis Sci*. 2023 Mar 1;100(3):187-193.

Schornack MM, Nau CB, Harthan J, Shorter E, Nau A, Fogt J. Current Trends in Scleral Lens Prescription, Management, and Evaluation. *Eye Contact Lens*. 2023 Feb 1;49(2):56-62. doi: 10.1097/ICL.0000000000000957. Epub 2022 Nov 10. PMID: 36694309; PMCID: PMC9881749.

Schornack MM, Nau CB, Harthan J, Shorter E, Nau A, Fogt J. Survey-based estimation of corneal complications associated with scleral lens wear. *Eye Contact Lens*. 2023 Jan 4. Doi: 10.1097/ICL0000000000000972. Online ahead of print.

Shorter E, Fogt J, Nau C, Harthan J, Nau A, Schornack M. Prescription habits of scleral lenses for the management of corneal irregularity. *Eye Contact Lens*. 2022 Dec 14. doi: 10.1097/ICL.0000000000000963. Online ahead of print. PMID: 36517221.

Nau CB, Harthan JS, Shorter ES, Fogt JS, Nau AC, Hochwald AP, Hodge DO, Schornack MM. Trends in Scleral Lens Fitting Practices: 2020 Scleral Lenses in Current Ophthalmic Practice Evaluation Survey. *Eye Contact Lens*. 2022 Nov 21. doi: 10.1097/ICL.0000000000000960. Epub ahead of print. PMID: 36440667.

Piser D, Day C, Harthan J. The sequelae of bilateral conjunctivitis as an initial presentation of presumed COVID-19 positive female. *Journal of Dry Eye and Ocular Surface Disease*. 23 Aug 2022. <http://jdryeyedisease.com/index.php/JDED/article/view/38/35>

Zhuang X\*, Harthan JS\*, Block SS, Tullo W, Eiden SV. Analysis of corneal tomography in select Black and LatinX children. *Cont Lens Anterior Eye*. 2022 May 20;101717.

Schornack MM, Fogt J, Nau A, Nau CB, Harthan JS, Cao D, Shorter E. Scleral lens prescription and management practices: Emerging consensus. *Cont Lens Anterior Eye*. 2021 Aug 26;101501. doi: 10.1016/j.clae.2021.101501. Online ahead of print. PMID: 34456112

Shorter E, Harthan J, Nau A, Fogt J, Cao D, Schornack M, Nau C. Dry Eye Symptoms in Individuals With Keratoconus Wearing Contact Lenses. *Eye Contact Lens*. 2021 Sep 1;47(9):515-519. doi: 10.1097/ICL.0000000000000802. PMID: 34424225

Johnson SD, Harthan JS, Than T, Migneco MK, Shorter E, Whiteside MM, Morettin CE, Olson CK, Rosemann CA, Margolis MS, Haertter LW, Huecker JB, Rodic-Polic B, Buller RS, Storch GA, Gordon MO, Hartwick ATE. Predictive Accuracy and Densitometric Analysis of Point-of-Care Immunoassay for Adenoviral Conjunctivitis. *Transl Vis Sci Technol*. 2021 Aug 2;10(9):30. doi: 10.1167/tvst.10.9.30. PMID: 34431990

Sicks L, Harthan J. Phlyctenular keratoconjunctivitis: a teaching case report. *Optometric Education*.

Than T, Morettin CE, Harthan JS, Hartwick ATE, Huecker JB, Johnson SD, Migneco MK, Shorter E, Whiteside M, Margolis MS, Olson CS, Alferez CS, van Zyl T, Rodic-Polic B, Storch GA, Gordon MO. Efficacy of a single administration of 5% povidone-iodine in the treatment of adenoviral conjunctivitis. *Am J Ophthalmol*. 2021 Jun 5;S0002-9394(21)00311-1.doi:10.1016/j.ajo.2021.05.018.

Whiteside MM, Shorter ES, Margolis MS, Alvi F, Huecker JB, Than TP, Migneco MK, Harthan JS, Morettin CE, Hartwick ATE, Johnson SD, Perera CD, Gordon MO. Success of masking 5% povidone-iodine treatment: the reducing adenoviral patient infected days study. *Optom Vis Sci*. 2021 May 1;98(5):469-475.doi:10.1097/OPX.0000000000001691.

Shorter ES, Whiteside MM, Harthan JS, Morettin CE, Perera CD, Johnson SD, Migneco MK, Huecker JB, Hartwick ATE, Than TP, Gordon MO. Diagnostic accuracy of clinical signs, symptoms and point-of-care testing for early adenoviral conjunctivitis. *Clin Exp Optom*. 2021 Nov 9:1-6. doi: 10.1080/08164622.2021.1984180. Online ahead of print.PMID: 34751088

Nau A, Shorter ES, Harthan JS, Fogt JS, Nau CB, Schornack M. Multicenter review of impression-based scleral devices. *Cont Lens Anterior Eye*. 2021 Oct;44(5):101380. Doi:10.1016/j.clae.2020.10.010

Shorter E, Schornack M, Harthan J, Nau A, Fogt J, Cao D, Nau C. Keratoconus Patient Satisfaction and Care Burden with Corneal Gas-permeable and Scleral Lenses. *Optom Vis Sci*. 2020 Sep;97(9):790-796. doi:0.1097/OPX.0000000000001565.

Harthan JS, Schornack M, Nau CB, Nau AC, Fogt JS, Shorter ES. Current U.S. based optometric scleral lens curricula and fitting recommendations: SCOPE educators survey. *Cont Lens Anterior Eye*. 2021 Jun;44(3):101353. doi: 10.1016/j.clae.2020.07.004. Epub 2020 Sep 18.PMID: 32951995

Fogt JS, Nau CB, Schornack M, Shorter E, Nau A, Harthan JS. Comparison of Pneumatometry and Transpalpebral Tonometry Measurements of Intraocular Pressure during Scleral Lens Wear. *Optom Vis Sci*. 2020 Sep;97(9):711-719. doi: 10.1097/OPX.0000000000001574.

Schornack MM, Fogt J, Harthan J, Nau CB, Nau A, Cao D, Shorter E. Factors associated with patient-reported midday fogging in established scleral lens wearers. *Cont Lens Anterior Eye*. 2020 Dec;43(6):602-608. doi: 10.1016/j.clae.2020.03.005.

Mickles CV, Harthan JS, Barnett M. Assessment of a Novel Lens Surface Treatment for Scleral Lens Wearers With Dry Eye. *Eye Contact Lens*. 2020 Nov 3. doi: 10.1097/ICL.0000000000000754.

Shorter E, Whiteside M, Harthan J, et al. Safety and tolerability of a one-time, in-office administration of 5% povidone-iodine in the treatment of adenoviral conjunctivitis: The Reducing Adenoviral Patient Infected Days (RAPID) study. *Ocul Surf*. 2019. PMID:31401340.

Harthan JS, Shorter E, Nau C, Nau A, Schornack MM, Zhuang X, Fogt J. Scleral lens fitting and assessment strategies. *Cont Lens Anterior Eye*. 2018 Oct 31. 2018 Oct 31. pii: S1367-0484(18)30851-8. doi: 10.1016/j.clae.2018.10.020. [Epub ahead of print]

Harthan JS, Sicks L. Sutureless amniotic membranes (Prokera®) for filamentary keratitis: a case series. Special Issue: Amniotic Membrane. *Journal of Dry Eye Ocular Surface Disease*. Accepted June 21, 2018

Caffery B, Harthan J, Srinivasan S, Acs M, Barnett M, Edmonds C, Johnson-Tong L, Maharaj R, Pemberton B, Papinski, D. Sjogren's syndrome in optometric practices in North America. *Cont Lens Anterior Eye*. 18 August 2018 <https://doi.org/10.1016/j.clae.201808.006>

Schornack, M, Nau C, Nau A, Harthan J, Fogt J, Shorter E. Visual and physiological outcomes of scleral lens wear. *Cont Lens Anterior Eye*. 08 Aug 2018. <https://doi.org/10.1016/j.clae.2018.07.007>

Harthan JS, Shorter E. Therapeutic uses of scleral contact lenses for ocular surface disease: patient selection and special considerations. *Clinical Optometry*. 2018 Jul 11;10: 65-74.

Fromstein SR, Harthan JS, Patel J, Opitz DL. Demodex blepharitis: clinical perspectives. *Clinical Optometry*. 2018 Jul 4;10: 57-63.

Acs M, Caffery B, Barnett M, Edmonds C, Johnson-Tong L, Maharaj R, Pemberton B, Papinski D, Harthan J, Srinivasan J. Customary Practices in the Monitoring of Dry Eye Disease in Sjogren's Syndrome. *Journal of Optometry*. 2018 Oct-Dec;11(4)232-241.doi:. 10.1016/j.optom.2018.05.001

Reeder RE, Harthan JS, Campbell JB, Henry VA, Woo S. Soft lens problem solving. Chapter 13. *Clinical Manual of Contact Lenses*.

Shorter E, Harthan J, Nau CB, Nau A, Barr JT, Hodge DO, Schornack MM. Scleral Lenses in the Management of Corneal Irregularity and Ocular Surface Disease. *Eye Contact Lens*. 2018 Nov; 44(6):372-378.

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### **PROFESSIONAL PRESENTATIONS (POSTERS/PAPERS)**

Yuan, C, Harthan, J. Complexities of Scleral Lens Fitting in Ocular Mucus Membrane Pemphigoid. GSLS 2026  
Yuan, C, Harthan, J, Lopez, O. Utilization of Soft Contact Lenses for the Correction of Lower and Higher Order Aberrations in Keratoconus after Intrastromal Corneal Ring Segments and Corneal Cross-Linking. GSLS 2026

Harthan, J. Scleral Lenses for Chronic Progressive External Ophthalmoplegia. GSLS 2026

Harthan, J, Shorter, E, Schornack, M, Nau, A, Fogt, J, Nau, C. Patient Reported Visual Fogging in Scleral Lens Wear vs Ocular Surface Disease Index (OSDI) Score. GSLS 2026

Chung, S, Sicks, LA, Farooq, AV, Harthan JS. Characterizing A Case of Limbitis in An Eye with Degenerative Myopia, Glaucoma, and Light Perception. GSLS 2026

Fogt, J., Harthan J., Shorter E., Nau A., Schornack M., Nau C. Habitual scleral lens fluid reservoir clearance by indication: corneal irregularity vs ocular surface disease. ARVO 2025

Fogt J., Nau C., Harthan J., Shorter E., Nau A., Patton K., Schornack M. The role of scleral lens properties and solution use in midday fogging. ARVO 2025.

Shorter E., Harthan J., Schornack M., Nau A., Nau C., Fogt J. Initial treatment of keratoconus: scleral vs corneal gas permeable lenses initial visit findings. ARVO 2025.

Harthan J., Fogt J., Shorter E., Nau A., Schornack M., Nau C. Annual dry eye expenditures vary according to underlying systemic etiology. ARVO 2025.

Ang A., Zoltoski R. K., Harthan J. Quantification of Meibomian Gland Features using Rapid Automated Image Analysis. ARVO 2025

McGee, M., Harthan, J. Piraino, M. Profilometry Guided Scleral Lenses for High Corneal and Scleral Toricity. AAO 2025

Hathan, J., Rah, M., Shahidi, A. Holland, Z. Safety and effectiveness of the Arise Orthokeratology lens with toric posterior peripheral curves in patients with myopia: open-label study. AAO 2025

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Liu C, Harthan J, Man M. Toric versus spherical orthok designs in an adult population. GSLS 2025

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Harthan J, Shorter E, Nau C, Schornack M, Nau A, Fogt J. Midday Fogging in Scleral Lens Wearers with Meibomian Gland Disease. Paper GSLS 2025

Harthan J, Shorter E, Nau C, Schornack M, Nau A, Fogt J. Meibomian Gland Disease in Scleral Lens Wearers with Midday Fogging. AAO 2024

Patel, R., Harthan, J., Lindsay, L. Post-Keratoplasty Contact Lens Fitting Considerations. ARVO 2024

Nau, C., Harthan, J., Nau, A., Fogt, J., Schornack, M., Shorter, E. Ocular Graft versus Host Disease: Patient Perspective. ARVO 2024

Fogt, J., Nau, C., Harthan, J., Shorter, E., Nau, A., Patton, K., Schornack, M. The role of scleral lens properties and solution use in midday fogging. ARVO 2024

Shorter, E., Schornack, M., Fogt, J., Nau, A., Harthan, J., Nau, C. Depression, Disease and Dry Eye. ARVO 2024

“Perfluorohexyloctane Ophthalmic Solution for Dry Eye Disease: Pooled Analysis of Two Phase 3 Clinical Trials,” for presentation at COS 2024 annual meeting (May 30 – June 2, 2024; Toronto, Canada).

IACLE modules: GP Sphere I and II

Patel, R., Harthan, J., Lindsay, L. Post-Keratoplasty Contact Lens Fitting Considerations. ARVO 2024

Nau, C., Harthan, J., Nau, A., Fogt, J., Schornack, M., Shorter, E. Ocular Graft versus Host Disease: Patient Perspective. ARVO 2024

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Harthan JS et al IOP measurements in the Peripheral Eye: A comparison between diatom and peripheral pneumotonometry. Poster. ARVO 2020

Fogt J, Harthan JS, Shorter E, Nau A, Schornack M, Nau C. Effect of short-term scleral lens wear of small and large diameter on intraocular pressure. Poster. ARVO 2020

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Shorter E. et. al. Improving accuracy of adenoviral conjunctivitis diagnosis. May 2020. Accepted at the Association for Research in Vision and Ophthalmology Annual Meeting, Baltimore, MD. Posterboard Number: 4900 - B0064.

Harthan J, Nau CB, Nau AC, Fogt JS, Schornack MM, Shorter ES. Optometric educators' guidelines for fitting scleral lenses. Poster. GSLS 2020

Schornack MM, Harthan JS, Nau CB, Nau A, Swingle Fogt J, Shorter ES. Multi-center study of impression-based scleral lenses: indications and previous contact lens experience. Poster. GSLS 2020

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Shorter E. UIC Department of Ophthalmology and Visual Sciences Cornea Symposium "Efficacy of a Single Administration of 5% Povidone-Iodine in the Treatment of Adenoviral Conjunctivitis". March 7, 2020.

Harthan, J, et. al. Section on Cornea, Contact Lenses and Refractive Technologies Symposium: New Game and New Rules: Interpreting the ISO Guidelines to Safeguard Our Contact Lens Practice and OSD Patients. October 2019

Than T. et. al. Efficacy of Single Administration of 5% Povidone-Iodine in the Treatment of Adenoviral Conjunctivitis. October 2019. Presented at the American Academy of Optometry, Orlando, FL.

Than T. et. al. Hot Topics in Anterior Segment / Efficacy of Single Administration of 5% Povidone-Iodine in the Treatment of Adenoviral Conjunctivitis. October 2019. Presented at the American Academy of Optometry, Orlando, FL.

Whiteside M, Margolis M, Alvi F, Morettin C, Harthan J, Than T, Gordon M, Hartwick A  
Migneco M, Johnson S, Rosemann C, Huecker J. Assessment of masking treatment from Clinicians and participants: The Reducing Adenoviral Patient Infected Days (RAPID) Study. Poster. AAO. Orlando, FL. October 2019

- Shorter E, Whiteside M, Harthan J, Margolis M, Johnson S, Migneco M, Morettin C, Hartwick A, Huecker J, Than T, Gordon M. Economic burden of conjunctivitis: Reducing Adenoviral Patient Infected Days (RAPID) Study. Poster. AAO. Orlando, FL. October 2019
- Schornack M, Harthan J, Nau C, Nau A, Cao D, Shorter E, Fogt J. Clinical associations of mid-day fogging with scleral lenses. Poster. AAO. Orlando, FL. October 2019 With subjective complaints
- Andrews J, O'Dell L, Halleran C, Schwartz S, Doll T, Harthan J, Hom M. The impact of Digital devices on meibomian gland structure and function. Poster. AAO. Orlando, FL. October 2019
- Block S, Yim A, Hempelmann A, McMahon T, Eiden S, Trattler W, Harthan J, Tullow W. Determination of risk of keratoconus development in a population of possible at Risk children 7-18 years of age. Poster. AAO. Orlando, FL. October 2019
- Harthan J, Morettin C, Shorter E, Whiteside M, Johnson S, Huecker J, Margolis, M Migneco M, Gordon M, Than T, Hartwick A. Densitometric analysis of point-of-care Adenoviral chromatographic immunoassays (AdenoPlus) in individuals with acute Conjunctivitis. Poster. AAO. Orlando, FL. October 2019
- Swingle Fogt J, Nau A, Schornack M, Nau C, Harthan J, Shorter E. Survey of health care Utilization and disease information sourcing in a self-reported dry eye population. Poster. AAO. Orlando, FL. October 2019
- O'Dell L, Schwartz S, Harthan J, Halleran C, Hom M. Segmentation of meibomian Glands as an early predictor of meibomian gland dysfunction. Poster. AAO. Orlando, FL. October 2019
- Hom MM, Schwartz S, Harthan JS, Doll T. Diagnosis of demodex infestation with adhesive tape skin impressions. Poster. ARVO. Vancouver, BC. May 2019
- Hauswirth S, Schwartz S, Harthan JS, Doll T, Hom MM. Dry eye symptom severity In patients presenting with migraine and tension headache. Poster. ARVO. Vancouver, BC. May 2019
- Schornack, M, Nau CB, Nau AC, Harthan JS, Single Fogt J, Shorter E. Patient-reported Mid-day fogging with scleral lens wear. Poster. ARVO. Vancouver, BC. May 2019
- Hartwick A, Than T, Rodic-Polic B, Johnson S, Migneco M, Shorter E, Harthan JS, Morettin C, Whiteside M, Olson CK, Margolis, M, Huecker J, Storch G, Gordon M. Reducing Adenoviral Patient-Infected Days (RAPID) Study: A randomized trial assessing Efficacy of one time, in-office application of 5% povidone-iodine in treatment of Adenoviral conjunctivitis. Poster. ARVO. Vancouver, BC. May 2019
- Nau CB, Shorter E, Nau AC, Swingle Fogt J, Schornack M, Harthan JS. Scleral lens Densitometry changes in small and large diameter lenses after one hour of wear. Poster. ARVO. Vancouver, BC. May 2019
- Shorter E, Than T, Whiteside M, Harthan JS, Margolis M, Johnson S, Migneco M, May 2019

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| Morettin C, Olson CK, Hartwick A, Huecker J, Gordon MO. The Reducing Adenoviral Patient-Infected Days (RAPID) Study: Safety and Tolerability of One-Time, In-Office Application of 5% Povidone-Iodine in the treatment of adenoviral conjunctivitis. Poster. ARVO. Vancouver, BC.                                                     |               |
| Roberts L, Fromstein S, Harthan J. Prosthetic contact lens masks full corneal opacity secondary to trauma. Poster. GSLS. Las Vegas, NV.                                                                                                                                                                                               | January 2019  |
| Roberts L, Harthan J, Reeder R, Sicks L. DSEK rejection: A case series. Poster. GSLS. Las Vegas, NV.                                                                                                                                                                                                                                  | January 2019  |
| Mickles C, Harthan J, Barnett M. A surface treatment solution for scleral lens wearers with dry eye. Paper. GSLS. Las Vegas, NV.                                                                                                                                                                                                      | January 2019  |
| Schornack M, Nau C, Harthan J, Swingle Fogt J, Nau A, Shorter E. Patient Experience with scleral lenses: mid-day fogging. Poster. San Antonio, TX                                                                                                                                                                                     | November 2018 |
| Nau CB, Schornack M, Nau A, Fogt J, Harthan J, Shorter E. Surgical Impact on Finances and Visual Satisfaction in Keratoconus Patients. Poster. San Antonio, TX                                                                                                                                                                        | November 2018 |
| Nau A, Harthan J, McLeod A. The prevalence of Meibomian gland function in Patients with keratoconus. Poster. San Antonio, TX                                                                                                                                                                                                          | November 2018 |
| Johnson SD, Hartwick ATE, Than TP, Bossie T, Harthan J, Margolis MS, Migneco M, Morettin C, Olson CK, Rodic-Polic B, Rosemann C, Shorter E, van Zyl T, Storch GA, Gordon MO. Predictive Value of FDA-Approved Immunoassay for Adenoviral Conjunctivitis. Poster. San Antonio, TX                                                      | November 2018 |
| Shorter E, Whiteside M, Harthan J, Hartwick A, Huecker J, Margolis M, Bossie T, Johnson S, Migneco M, Morettin C, Olson C, Van Zyl T, Gordon M, Than T. Reducing Adenoviral Patient-Infected Days (RAPID): Tolerability of a Single In-Office Administration of Betadine for Acute Adenoviral Conjunctivitis. Poster. San Antonio, TX | November 2018 |
| Harthan JS. EyePrintPRO Fitting for a Patient with Refractory Ocular Surface Disease and a Glaucoma Drainage Device. Poster. San Antonio, TX                                                                                                                                                                                          | November 2018 |
| Harthan JS, Nau CB, Schornack M, Swingle Fogt J, Nau A, Shorter E. Visual Outcomes with Scleral Lenses: a SCOPE Study. Poster. ARVO. Honolulu, HI                                                                                                                                                                                     | April 2018    |
| Shorter E, Harthan JS, Nau A, Swingle Fogt J, Schornack M, Cao D, Nau CB. SCOPE Study: Comparing severity of dry eye symptoms in keratoconus patients using corneal gas permeable lenses versus scleral lenses. Poster. ARVO. Honolulu, HI                                                                                            | April 2018    |
| Nau CB, Schornack M, Harthan JS, Nau A, Swingle Fogt J, Cao D, Shorter E. SCOPE study: Experience of keratoconus patients wearing RGP or Scleral lenses. Poster. ARVO. Honolulu, HI                                                                                                                                                   | April 2018    |
| Kwan J, Harthan JS, Doll T, Schwartz S, Halleran C, Hauswirth SG, O'Dell LE                                                                                                                                                                                                                                                           | April 2018    |

Schachter S, Mastrota M, Bernabe N, Hom MM. Dry Eye Risk Assessment (DERA): Predictive Value of Newly Identified Risk Factors. Poster. ARVO. Honolulu, HI

Doll T, Harthan JS, Schwartz S, Halleran C, Hom MM. Lid Laxity and Concurrent Signs Of Ocular Surface Disease. Poster. ARVO. Honolulu, HI

Schwartz S, Halleran C, Doll T, Harthan JS, Williams MT, O'Dell LE, Bernabe N, Hom MM. Does diabetes make a difference in dry eye? Poster. ARVO. Honolulu, HI April 2018

Whiteside M, Shorter E, Migneco M, Hartwick A, Than T, Harthan JS, Morettin C, Johnson S, Margolis M, Huecker J, Olsen K, Rosemann C, van Zyl T, Bossie T, Gordon M. Reducing Adenoviral Patient Infected Days (RAPID) Study: Success in Masking Subjects and Clinicians from Identifying Treatment with Ophthalmic Povidone-Iodine 5% (PVP-1). Poster. ARVO. Honolulu, HI April 2018

Migneco M, Margolis M, Morettin C, Than T, Whiteside M, Shorter E, Harthan JS, Johnson S, Hartwick A, Olsen K, van Zyl T, Huecker J, Rosemann C, Gordon M. Reducing Adenoviral Patient Infected Days (RAPID): Prevalence of Polymerase Chain Reaction (PCR) Confirmed Adenovirus Among Patients Presenting with Acute Conjunctivitis. Poster. ARVO. Honolulu, HI ARVO 2018

Harthan JS, Sclafani L. SynergEyes UltraHealth Post-Trauma: A Case Report Poster. GSLS. Las Vegas, NV January 2018

Schornack MM, Nau CB, Fogt J, Nau A, Harthan J, Shorter E. Patient Experience With Scleral Lenses: Wearing Schedule and Care Regimen. Poster. GSLS. Las Vegas, NV January 2018

Fogt J, Shorter E, Nau CB, Nau A, Schornack MM, Harthan JS. Scleral lens fitting Strategies of practitioners with various levels of experience. Poster. GSLS. Las Vegas, NV January 2018

Nau CB, Harthan JS, Nau A, Fogt J, Schornack MM, Shorter E. Scleral Lens Experience In Patients with Keratoconus (SCOPE Study). Poster. GSLS. Las Vegas, NV January 2018

Shorter E, Whiteside M, Migneco M, Hartwick A, Johnson S, Harthan J, Morettin C, Huecker J, Margolis M, Olson C, Than T, Gordon M. Reducing Adenoviral Patient Infected Days (RAPID) Study: Navigation Institutional Review Boards for a Multi-Center Clinical Trial. Poster. AAO, Chicago, IL October 2017

Than T, Shorter E, Migneco M, Harthan J, Whiteside M, Morettin C, Johnson S, Olson C, Huecker J, Hartwick A, Gordon M. Reducing Adenoviral Patient Infected Days (RAPID) Study: Association of Clinical Signs and Symptoms with qPCR confirmed Adenoviral Conjunctivitis. Poster. AAO, Chicago, IL October 2017

Comparison of the severity of dry eye in Sjogren's syndrome versus aqueous Deficient dry eye. Paper. AAO. Chicago, IL. October 2017

Schornack M, Harthan J, Nau C, Fogt J, Nau A, Barr J, Shorter E. Scleral Lenses in Practice Evaluation: Patient Demographics, Indications, and Lens Design. Poster October 2017

AAO. Chicago, IL

Fogt J, Shorter E, Nau C, Nau A, Schornack M, Barr J, Harthan J. Scleral lenses in current ophthalmic practice evaluation: fitting strategies among Scleral lens practitioners. Poster. AAO. Chicago, IL October 2017

Harthan JS, Hom MM, O'Dell L, Halleran C. Impact of humidity levels, temperature, breathing and heat indices on dry eye symptom scores. Poster. AAO. Chicago, IL October 2017

Harthan JS, O'Dell L, Halleran C, Schwartz S, Hom MM. Impact of make-up on self-reported ocular comfort and Meibomian Gland atrophy. Poster. AAO. Chicago, IL October 2017

Kwan JT, Halleran C, Harthan JS, Hom MM. Is Meibomian gland expression the test to Die for? Poster. AAO. Chicago, IL October 2017

Kwan JT, Harthan JS, Mastrota K, Nguyen AL, Hipilito K, O'Dell L, Schacter S, Bloomenstein M, Hauswirth S, Hom MM. Dry Eye Risk Assessment (DERA): New Predictive Risk Factors Identified. Poster. AAO, Chicago, IL October 2017

Halleran C, Kwan J, Hipolito K, Harthan J, Hom MM. The role of pollen counts on the Signs and symptoms of ocular surface disease. Poster. AAO. Chicago, IL October 2017

O'Dell L, Harthan J, Halleran C, Schwartz S, Hom MM. Evaluation of ocular for eye Make-up wearers and the correlation to dry eye symptoms and clinical findings. Poster. AAO. Chicago, IL October 2017

Harthan, JS. Opportunities in orthokeratology. Optometric Management. May 1, 2017.

O'Dell LE. Periman LM. Sullivan AG. Halleran CC. Harthan JS. Hom MM. An Evaluation of Cosmetic Wear Habits Correlated to Ocular Surface Disease Symptoms. Invest Ophthalmol Vis Sci 2017;58:ARVO E-Abstract:495 – A0420

Mastrota KM. Kwan JT. Hauswirth SG. Schachter S. Harthan JS. O'Dell LE. Hipolito K. Hom MM. Assessing a new battery of risk factors for dry eye. Invest Ophthalmol Vis Sci 2017;58:ARVO E-Abstract:2652 – A0242

Halleran CC. O'Dell LE. Harthan J. Kwan JT. Hipolito K. Hom MM. An Evaluation of the Presence of Demodex and its influence on Meibomian Gland structure. Invest Ophthalmol Vis Sci 2017;58:ARVO E-Abstract:4389-A0228. DOI: 10.13140/RG.2.2.12939.90409

The Presentation of Sjogren's Disease in North American Optometric Practices November 2016  
JHarthan, SSrinivasan, Macs, CEdmonds, LJohnson-Tong, RMaharaj, BPemberton, DPapinski, BCaffery. Poster, AAO

Dry Eye Symptoms with Digital Device Use in Patients Over and Under 45 Years November 2016  
Of AgeKMastrota, JKwan, JHarthan, CHalleran, SHauswirth, LO'Dell, KHipolito, MHom

Poster, AAO

How has Comfortable Wear Time of Soft Contact Lenses Changed? November 2016  
JKwan, JHarthan, LO'Dell, CHalleran, MHom. Poster, AAO

Impact of Digital Device Use on Dry Eye Symptoms November 2016  
ASchachter, SSchachter, JKwan, JHarthan, MHom. Poster, AAO

Agreement in Reading Centre Grading of Meibomian Gland Tortuosity and November 2016  
Atrophy.  
CHalleran, JKwan, MHom, JHarthan. Poster, AAO

21<sup>st</sup> Century Digital Device Use and OSDI. September 2016  
JKwan, JHarthan, LO'Dell, SHauswirth, CHalleran, KMastrota, MHom.  
Poster, 8<sup>th</sup> International Conference on the Tear Film & Ocular Surface

Reducing Adenoviral Patient Infected Days (RAPID) Planning Study: May 2016  
Agreement between Clinician and AdenoPlus in the Diagnosis of Adenoviral  
Conjunctivitis (AD-Cs)  
MMigneco, MGordon, AHartwick, JHuecker, SJohnson, JHarthan, CMorettin,  
EShorter, TThan. Poster, ARVO

The Correlation of Corneal Staining with Age and Years of Disease May 2016  
In Sjogren's Syndrome  
BCaffery, JHarthan, MACs, MBarnett, CEmonds, LJohnson-Tong,  
RMaharaj, DPapinski, BPemberton, SSrinivasan. Poster, ARVO

Complications of Scleral Lens Wear May 2016  
MSchornack, ANau, EShorter, JHarthan, JBarr, CNau. Poster, ARVO

The Role of Scleral Lenses in the Treatment of Corneal Irregularity May 2016  
And Ocular Surface Disease  
EShorter, JHarthan, CNau, ANau, JBarr, MSchornack. Poster, ARVO

Impact of Digital Device Use on Contact Lens Wearers May 2016  
JKwan, JHarthan, LO'Dell, SHauswirth, MHom. Poster, ARVO

Dry Eye Symptoms and Visual Function with Digital Device Use May 2016  
JHarthan, LO'Dell, JKwan, MHom, SHauswirth, ASchachter, SSchachter  
WHauser, AKabat. Poster, ARVO

Agreement in Reading Center Grading of Isotretinoin (Accutane)- May 2016  
Induced Meibography Changes  
CHalleran, SHauswirth, JKwan, MHom, LO'Dell, Amoy, ASchachter,  
JHarthan, MLin, NMcNamara. Poster, ARVO

SCOPE Study: Demographics of Scleral Lens Fitters January 2016

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| CNau, JHartan, EShorter, JBarr, ANau, MSchornack. Poster, GSLS                                                                                                                                         |               |
| SCOPE Study: Indications for Scleral Lens Wear<br>ANau, CNau, EShorter, JHartan, JBarr, MSchornack. Poster, GSLS                                                                                       | January 2016  |
| SCOPE Study: Scleral Lens Fitting Trends among Practitioners<br>JHartan, EShorter, JBarr, ANau, CNau, MSchornack. Poster, GSLS                                                                         | January 2016  |
| SCOPE Study: Current Consensus of Prescribers' Scleral Lens Wear and Care Recommendations<br>EShorter, JBarr, ANau, CNau, JHartan, MSchornack. Poster, AAO                                             | November 2015 |
| Reducing Adenoviral Patient Infected Days (RAPID) Study: Design and Baseline Characteristics<br>MMigneco, MGordon, AHartwick, JHuecker, SJohnson, JHartan, CMorettin, EShorter, TThan. Poster, AAO     | November 2015 |
| Meibomian Gland Dysfunction in Pre- and Post- Menopausal Women<br>JHartan, JKwan, DOpitz, MHom. Poster, AAO                                                                                            | November 2015 |
| Prevalence of Stand-alone Ocular Surface Disease and Their Mixed Counterparts<br>JKwan, JHartan, DOpitz, MHom. Poster, AAO                                                                             | November 2015 |
| Efficacy of Loteprednol Etabonate Ophthalmic gel 0.5% for the Treatment of Evaporative Dry Eye and Meibomian Gland Dysfunction<br>DOpitz, CEvola, AParadesi, JHartan, JKwan, TPatel, MHom. Poster, AAO | November 2015 |
| Diagnostic Misclassification: Possible Explanation for Unsuccessful Therapeutic Trials of "Pink Eye"<br>ARVO                                                                                           | May 2015      |
| Sutureless Amniotic Membrane Prokera for Filamentary Keratitis: A Case Series<br>JHartan. Poster, AAO                                                                                                  | October 2014  |
| Preservation of Vision in Harlequin Ichthyosis<br>TMatchinski, JHartan, JWinters. Poster, AAO                                                                                                          | October 2014  |
| Alcaftadine 0.25% and Olopatadine 0.2% in the treatment of Signs of Allergic Conjunctivitis at the Illinois College of Optometry<br>EChaglasian, JHartan, SPotwin, Sparker, SFromstein. Poster, AAO.   | October 2014  |
| The RevitalEyes® Post-Surgical Lens for Visual Rehabilitation After Penetrating Keratoplasty<br>JHartan. Poster, GSLS                                                                                  | January 2014  |
| The Atlantis Scleral Lens Design: A Case Series on Twin Sisters                                                                                                                                        | October 2013  |



JHartan. Poster, AAO.

Avellino Dystrophy and Recurrent Corneal Erosions – A Scleral Solution  
SFromstein, JHartan. Poster, AAO. October 2013

Therapeutic Scleral Lenses: Treatment of Ocular Graft-Versus-Host-Disease  
RSaiyed, JHartan. Poster, AAO. October 2013

Corneal Hydrops: Prevalence, Presentation, and Recurrence  
RReeder, LHunt, JHartan. Poster, BCLA June 2013

The Effect of Age On The Lens Ultrastructure During Accommodation  
As Measured Using Slit Lamp Photos and Wave Front Analysis  
RZoltoski, EWyles, JHartan, JKuszek. Poster, ARVO. May 2013

Therapeutic Scleral Contact Lens: Treatment for Limbal Stem Cell Deficiency  
SParker, KKeller, JHartan. Poster, GSLS. January 2013

Therapeutic Use of Mini-Scleral and Scleral Lenses in Patients with Graves'  
Ophthalmopathy. JHartan. Poster, GSLS. January 2013

Irregular Corneas and the RevitalEyes Post-Surgical Lens:  
A Case Series. JHartan. Poster, AAO October 2012

Clinical Evaluation of a Large Diameter Rigid Gas Permeable Lens For The  
Correction of Refractive Astigmatism.  
LMichaud, SWoo, ADinardo-Lotoczky, JHartan, EBennett, BMorgan, RReeder  
Poster, AAO October 2012

Acute Corneal Hydrops in Pellucid Marginal Degeneration  
MLongo, JHartan. Poster accepted for AOA June 2012

Effect of Accommodation on the Lens Ultrastructure as Measured Using  
Slit Lamp Photos and Wave Front Analysis  
RZoltoski, EWyles, JHartan, JKuszek. Poster, ARVO May 2012

A Comparison of Axial Lens Lengths in a Relaxed State and  
Accommodative State Using Anterior Segment Optical Coherence  
May 2012

Tomography and A-scan Ultrasonography  
KKlute, MLandes, JHartan, RZoltoski. Poster, ARVO

The Large and The Small of It  
RReeder, JHartan, TMatchinski. Poster, GSLS January 2012

A Case Series on the RevitalEyes Post-Surgical Lens  
JHartan, RReeder. Poster, GSLS January 2012



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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Acute Bacterial Dacryoadenitis with Preseptal Cellulitis<br>Presenting as Hemorrhagic Conjunctivitis<br>EGable, JHarthan, GBelsare-Beene, MD. Poster AAO                                               | October 2011  |
| Therapeutic Use of Mini-Scleral Lenses in a Patient with Graves'<br>Ophthalmopathy<br>JHarthan. Poster, AAO                                                                                            | October 2011  |
| Changes in Aberrations of the Eye in Patients with Dry Eye Syndrome<br>JHarthan, RZoltoski. Poster, ARVO                                                                                               | May 2011      |
| Effect of Low Accommodative Demand on Higher Order Aberrations of<br>The Lens<br>RZoltoski, JHarthan, Kklute, MLandes, JKuszek. Poster, ARVO                                                           | May 2011      |
| Changes in higher order aberrations with accommodation.<br>RZoltoski, JHarthan, NHodur, JKuszek. Poster, ISER.                                                                                         | 2011          |
| A Comparative Analysis of the ComfortKone Lens in a Keratoconic Population<br>RReeder, JHarthan. Poster, Global Specialty Lens Symposium                                                               | January 2011  |
| Trends Associated with Corneal Infiltrative Events in Soft Lens Wearers<br>RReeder, JHarthan. Poster, Global Specialty Lens Symposium                                                                  | January 2011  |
| Maximizing Visual Acuity in Athletes Via Hybrid and Semi-Scleral Lenses<br>JHarthan, SBeckerman. Poster, American Academy of Optometry Meeting                                                         | November 2010 |
| Semi-Scleral Lenses Used to Correct Nineteen Diopters of With-the-Rule-<br>Astigmatism Previously Diagnosed as Refractive Amblyopia<br>JHarthan, EWyles. Poster, American Academy of Optometry Meeting | November 2010 |
| The Prevalence of Corneal Hydrops in a Keratoconic Population<br>RReeder, JBeyer, JHarthan, JHorst. Poster, American Academy of Optometry<br>Meeting                                                   | November 2010 |
| An Unusual Corneal Presentation Associated with Acquired Porphyria<br>RReeder, JHarthan. Poster, American Academy of Optometry Meeting                                                                 | November 2010 |
| A Comparison of Quality of Life in Patients with Keratoconus and their<br>Astigmatic Cohorts<br>RReeder, JHarthan. Paper, American Academy of Optometry Meeting                                        | November 2010 |
| The Revival of the Piggyback.<br>JHarthan, RReeder. Poster, Global Specialty Lens Symposium, Las Vegas                                                                                                 | January 2010  |
| Using Large Diameter Lenses for Regular Corneas<br>RReeder, JHarthan. Paper, Global Specialty Lens Symposium, Las Vegas                                                                                | January 2010  |

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| Peripheral Ulcerative Keratitis in Association with Sarcoid.<br>JHarthan, RReeder. Poster, American Academy of Optometry Meeting                                                                | November 2009 |
| Lens Adherence Related to Contact Lens Overwear.<br>SBrafman, JHarthan. Poster, American Academy of Optometry Meeting                                                                           | November 2009 |
| Managing Patients with Ocular Surface Disease Related to<br>Chronic Hepatitis C.<br>RReeder, JHorst, JHarthan, JHaro.<br>Poster, American Academy of Optometry Meeting                          | November 2009 |
| Improving Comfort for First Time GP Wearers with the<br>SO <sub>2</sub> Clear Lens<br>RReeder, JHaro, JHarthan. Poster, American Academy of Optometry Meeting                                   | November 2009 |
| The Frequency of High Risk Sleep Apnea Scores in Patients with<br>Keratoconus.<br>RReeder, JHarthan. Poster, ARVO                                                                               | May 2009      |
| Failure of Descemet's Closure in Corneal Hydrops as Imaged on Visante OCT.<br>RReeder, SBrafman, JHarthan. Poster, ARVO                                                                         | May 2009      |
| Determining the Frequency of Sleep Apnea in Keratoconus<br>RReeder, JHarthan. Paper, Global Specialty Lens Symposium, Las Vegas                                                                 | January 2009  |
| When All Else Fails<br>RReeder, JHarthan. Poster, Global Specialty Lens Symposium, Las Vegas                                                                                                    | January 2009  |
| Atypical Presentation of Disciform Keratitis in a Child<br>MAllen, JHarthan. Poster, American Academy of Optometry Meeting                                                                      | October 2008  |
| The Association of Graft-Versus-Host- Disease and Superior Limbic<br>Keratoconjunctivitis. JHarthan,M Saidel. Poster, American Academy of<br>Optometry Meeting                                  | October 2008  |
| Diagnosis and Management of Corneal Hydrops Using Anterior Segment<br>Optical Coherence Tomography: A Case Series JHarthan, RReeder, SBrafman.<br>Poster, American Academy of Optometry Meeting | October 2008  |
| Determining the Prevalence of Sleep Apnea in Keratoconus<br>and its Impact on Quality of Life. RReeder, JHarthan, JHorst. Paper,<br>American Academy of Optometry Meeting                       | October 2008  |
| Ocular Complications of Graft-Versus-Host-Disease<br>JHarthan, MSaidel. Poster, American Optometric Association Meeting                                                                         | June 2008     |

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|----------------------------------------------------------------------------------------------------------------------|--------------|
| The ABBA Semi-Scleral; A Case Series. RReeder, JHartan<br>Poster, Global Keratoconus Congress, Las Vegas             | January 2008 |
| Ocular Rosacea Complicates Healing of Acute Hydrops<br>JHartan, MOltz. Poster, American Academy of Optometry Meeting | October 2007 |

## **RESEARCH**

|                                                                                                                                                                               |                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Clinical Imaging Study                                                                                                                                                        | April 2025-present |
| Effectiveness of OrthoKeratology in Myopia Progression                                                                                                                        | 2016-present       |
| Sjogren's Syndrome Outreach Chart Review Study (DRESS)                                                                                                                        | 2014-2024          |
| The SCOPE Study (Scleral Lenses in Current Ophthalmic Practice:<br>An Evaluation)                                                                                             | 2014-present       |
| Prevalence of Allergic Conjunctivitis, Meibomian Gland Dysfunction,<br>and Aqueous Tear Deficiency<br>Illinois College of Optometry<br>Multi-Center study with Dr. Milton Hom | 2013-2024          |
| Changes in Aberrations of the Eye in Patients with Dry Eye Syndrome<br>Illinois College of Optometry                                                                          | 2010-2013          |
| Changes in Aberrations of the Eye during Accommodation<br>Illinois College of Optometry                                                                                       | 2010-2013          |
| Sleep Apnea and Keratoconus<br>Illinois College of Optometry                                                                                                                  | 2007-2010          |
| Corneal Hydrops and Visante OCT imaging studies<br>Illinois College of Optometry                                                                                              | 2007-2010          |
| Keratoconus and Corneal Sensitivity<br>Illinois College of Optometry                                                                                                          | 2007-2013          |
| Ocular Complications of Graft-versus-Host-Disease<br>University of Chicago/ Dr. Michael Sidel, M.D                                                                            | Jan. 2006-2008     |

## **CONTRACT RESEARCH**

|                                                       |                         |
|-------------------------------------------------------|-------------------------|
| ALCON Systane PRO IIT                                 | May 2025-present        |
| AONDA Therapeutic Contact Lenses (sponsored by Alcon) | October 2023-May 2025   |
| AONDA Daily Wear Contact Lenses (sponsored by Alcon)  | October 2023- June 2025 |

MOHAVE (B+L)- dry eye study- enrolling subjects. The goal is to have 15 subjects enrolled and enrollment will stop at the end of June. This study has been completed.

NASA study- IRB submitted- waiting on approval. This is a multi-center study on neurosensory abnormalities and dry eye. I am actively recruiting patients for this study.

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| Ocular Therapeutix IIT                                                       | 2020         |
| Kala STRIDE 3 phase 3 clinical trial                                         | 2019         |
| Art Optical<br>ThinSite Lens Design                                          | 2018-present |
| Tangible Science<br>Hydra-Peg for patients with Dry Eye Disease              | 2017-2018    |
| Videographic Evaluation of Kerasoft IC<br>Bausch and Lomb Unrestricted Grant | 2012         |

#### **GRANT ACTIVITY**

|                                                                                         |              |
|-----------------------------------------------------------------------------------------|--------------|
| Newton Wessley Grant                                                                    | 2016-present |
| Reducing Adenoviral Patient Infected Days (RAPID)<br>1R34EY023633-01A1                  | 2015-present |
| Bausch and Lomb Lotemax Gel for the treatment of MGD<br>Submitted, Pending Approval     | 2012         |
| Changes in Aberrations of the Eye during Accommodation<br>Illinois College of Optometry | 2010-2013    |

#### **PROFESSIONAL ACTIVITY**

Harthan, J. IACLE Modules: GP Sphere I and II. International Association of Contact Lens Educators, 2024.

|                                             |               |
|---------------------------------------------|---------------|
| Clearly KC Podcast with Dr. Melissa Barnett | March 2025    |
| GPLI OMG Module                             | 2023- present |
| Medical Advisory Board<br>Epion             | 2023-present  |
| Alcon Speaker and Innovator                 | 2023-present  |

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| Johnson & Johnson Myopia PAC                                                                                                                      | 2023-present |
| Editor for The Advisor, GPLI                                                                                                                      | 2023-present |
| Gas Permeable Lens Institute Advisory Board Member                                                                                                | 2022-present |
| International Keratoconus Academy Medical Advisory Board                                                                                          | 2020-present |
| Editorial board member for Journal of Dry Eye Disease                                                                                             | 2017-present |
| Editorial board member for Primary Care Optometry News                                                                                            | 2016-present |
| Advisory Board Member<br>Shire                                                                                                                    | 2017-present |
| Advisory Board Member<br>SynergEyes                                                                                                               | 2017-present |
| WGN News Segment on Dangers of False Eyelashes                                                                                                    | 2016         |
| Primary Care Optometry News Video                                                                                                                 | 2016         |
| InSight Scleral Lens Co-Developer<br>Metro Optics<br>Launched with Dr. Neil Hodur at GSLS 2016                                                    | 2015-present |
| IACLE GP module writer                                                                                                                            | 2015-2025    |
| KMK Consultant<br>Exam question writer                                                                                                            | 2014-present |
| DRESS Executive Committee member<br>AAO's Fellows Doing Research                                                                                  | 2014-present |
| SCOPE Executive Committee member<br>AAO's Fellows Doing Research                                                                                  | 2014-present |
| Advisory Board Member<br>Allergan                                                                                                                 | 2014-present |
| Application and Fitting of PKP and Surgical Irregularities with the<br>RevitalEyes Lens<br>Contact Lens Fitting Workshop, GSLS meeting, Las Vegas | January 2014 |
| Atlantis Scleral Lens Workshop<br>OrthoK meeting, Chicago                                                                                         | March 2013   |

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| GSLS Kerasoft IC Workshop<br>GSLS meeting, Las Vegas                                                                                                                                                         | January 2013                                                          |
| Metro Case Series                                                                                                                                                                                            | 2012                                                                  |
| ACOE Training Completed                                                                                                                                                                                      | 2011                                                                  |
| AOA/AO Summer Research Institute                                                                                                                                                                             | 2010                                                                  |
| AAO photo website                                                                                                                                                                                            | 2010                                                                  |
| Oxford Workshop on Evidenced-Based Practice<br>Centre for Evidence-Based Medicine<br>Oxford University, UK                                                                                                   | March 2009                                                            |
| <b><u>PROFESSIONAL ASSOCIATIONS</u></b>                                                                                                                                                                      |                                                                       |
| National Academies of Practice <ul style="list-style-type: none"> <li>Fellow</li> </ul>                                                                                                                      | 2023-present                                                          |
| Scleral Lens Education Society <ul style="list-style-type: none"> <li>Fellow</li> </ul>                                                                                                                      | 2015-present<br>2015                                                  |
| Chicago Public Schools Consultant- chart auditor                                                                                                                                                             | 2014-present                                                          |
| Eyemed Consultant-Chart Auditor                                                                                                                                                                              | 2009-present                                                          |
| Illinois Optometric Association                                                                                                                                                                              | 2006-present                                                          |
| American Optometric Association <ul style="list-style-type: none"> <li>Chair of Faculty Liaison to Residents and Students Committee</li> <li>ICO's Faculty Liaison to the AOA</li> </ul>                     | 2006-present<br>2007-2015<br>2010-2015                                |
| AOA's Contact Lens and Cornea Section                                                                                                                                                                        | 2006-present                                                          |
| Illinois Chapter of American Academy of Optometry                                                                                                                                                            | 2006-present                                                          |
| American Academy of Optometry <ul style="list-style-type: none"> <li>Fellowship Admittance Committee</li> <li>CCLRT Diplomate Written Exam co-chair</li> <li>CCLRT Diplomate mentor, case reviews</li> </ul> | 2004-present<br>2016-present<br>November 2024-present<br>2023-present |
| Fellow of the American Academy of Optometry                                                                                                                                                                  | 2008-present                                                          |

Diplomate, CCLRT AAO 2023-present

College of Optometric Visual Development, COVD 2004-present

### **INVITED LECTURES**

DeNaeyer, G, Louie, D, Harthan, J, Lasby, A. CE Lecture Unraveling the Mysteries of the Irregular Cornea  
GSLS 2026

Prevalence of pediatric keratoconus 2024  
Berkeley CE

GPLI Scleral Lens Fitting and Evaluation May 2025

GPLI Soft lenses December 2024

Oculus Webinar November 2024

SCOPE Update September 2020  
The Summit for Specialty Contact Lenses

ICSC Scleral Lenses for the Normal Corneas July 2018  
ICSC Conference, Ft. Lauderdale, Florida

Metro Scleral Fitting Workshop May 2018  
Glenview, IL

Manufacturer's Sponsored Breakfast CE: GSLS, Las Vegas January 2018  
How the InSight Scleral Will Change the Way You Fit, Metro Optics

Manufacturer's Sponsored CE: GSLS, Las Vegas January 2018  
Create the Ahhh! Moment: Calming Ocular Surface Disease with the  
InSight Scleral Lens

Online Webinar: InSight Scleral: Troubleshooting the Scleral Fit August 2017

Manufacturer's Sponsored Breakfast CE: GSLS, Las Vegas January 2017  
Eliminate Fallout: Top 10 Troubleshooting Tips for the  
InSight Multifocal Scleral, Metro Optics

Fitting Workshop: GSLS, Las Vegas January 2017  
InSight Scleral: The Multifocal Solution for Maximizing Vision  
& Comfort, Metro Optics

Online Webinar December 2016  
InSight Scleral: The Multifocal Option to Maximize Vision & Comfort  
On All Corneas, Metro Optics

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|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| Online Webinar: PKP 2.0<br>B+L                                                                                                                  | September 2016          |
| Online Webinar: RevitalEyes Post-Surgical Lens<br>Metro and Contamac                                                                            | October 2014-March 2015 |
| Online Webinar: Kerasoft IC<br>B+L                                                                                                              | October 2014            |
| KeraSoft IC: Fitting Techniques for Irregular Corneas<br>New Orleans Contact Lens Society                                                       | March 2014              |
| Utilization of RevitalEyes Post-Surgical Lens for the Management of<br>PKP and Other Corneal Irregularities<br>Lecture, GSLS meeting, Las Vegas | January 2014            |
| KeraSoft IC Cases: Techniques by an Experienced Fitter<br>Lecture with Dr. Lynette Johns<br>GSLS meeting, Las Vegas                             | January 2014            |
| Keratoconjunctivitis Sicca and Neovascular Glaucoma<br>Chicago Optometric Society                                                               | September 2012          |
| Anterior Segment Disease and Management<br>Contact Lens Symposium                                                                               | April 2012              |
| The Industry Personalized Prescribing Workshop<br>Teague Training Group, Facilitator<br>Indiana University                                      | October 2011            |
| The Industry Toric Lens Workshop<br>Teague Training Group, Facilitator<br>Nova Southeastern University                                          | January 2009-2012       |

### **COURSES/CONTINUING EDUCATION**

|                                                                    |               |
|--------------------------------------------------------------------|---------------|
| Updates in care and compliance<br>GSLS Meeting                     | January 2025  |
| Dry Eye Disease in Pediatrics and Adolescents<br>AAO Meeting       | November 2024 |
| Scleral lens applications for advanced therapeutics<br>AAO Meeting | November 2024 |
| Pediatric Keratoconus<br>EyeMart Express                           | October 2024  |



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| Corneal Imaging<br>EyeMart Express                                                      | October 2024   |
| Pediatric Keratoconus Prevalence in the Pediatric Population<br>IKA Meeting             | May 2024       |
| Keratoconus: Prevalence in the Pediatric Population<br>Woo University                   | March 2024     |
| IACLE GP Fitting 1, 2, 3<br>IACLE online modules                                        | January 2024   |
| Orthokeratology Workshop<br>GSLS, Las Vegas                                             | January 2024   |
| Ocular Surface Disease Diagnosis, Management, & Beyond<br>American Academy of Optometry | October 2023   |
| Demystifying Myopia Management<br>American Academy of Optometry                         | October 2023   |
| Anterior Segment Diagnosis and Management<br>EyeMart, San Antonio                       | October 2023   |
| Common Contact Lens Related Problems and Their Solutions<br>EyeMart, San Antonio        | October 2023   |
| Pediatric Considerations Keratoconus<br>IKA Keratoconus Symposium                       | April 2023     |
| Therapeutic Contact Lenses<br>Berkeley Optometry Online CE                              | March 2023     |
| Contact Lens Fitting Adventure: What Would You Do?<br>Global Specialty Lens Symposium   | January 2023   |
| Contact Lens Care and Compliance<br>GPLI                                                | November 2022  |
| Myopia Management: Contact Lens Options<br>ICO CE                                       | September 2022 |
| Therapeutic Contact Lenses<br>EyeMart                                                   | September 2022 |
| Updates in Ocular Surface Disease Diagnosis                                             | September 2022 |

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| EyeMart                                                                                                |                |
| Introduction to Scleral Lens Fitting<br>EyeMart                                                        | September 2022 |
| Navigating Medically Necessary Contact Lenses<br>EyeMart                                               | September 2022 |
| Rapid Fire Grand Rounds Cases<br>EyeMart                                                               | September 2022 |
| In Office Care of the Emergence Patient Cornea<br>EyeMart                                              | September 2022 |
| Contact Lens Fitting Adventure: What Would You Do?<br>AAO                                              | July 2022      |
| Latest Innovations in Orthokeratology for Myopia Management<br>Review of Myopia Management             | May 2022       |
| Management of Common Contact Lens Complications<br>GPLI                                                | February 2021  |
| Myopia Control Options for the Primary Eye Care Practitioner<br>COPE: 65964-CL<br>AEA Cruises          | February 2020  |
| Impact of Digital Devices in Children and Teenagers: A Rising Concern<br>COPE: 65963-AS<br>AEA Cruises | February 2020  |
| In-Office Care of the Emergency Patient- Cornea<br>COPE: 66168-AS<br>AEA Cruises                       | February 2020  |
| Updates in Ocular Surface Disease Diagnosis and Management<br>COPE: 66169-AS<br>AEA Cruises            | February 2020  |
| When to Apply Therapeutic Contact Lens Options<br>COPE: 66170-CL<br>AEA Cruises                        | February 2020  |
| Rapid Fire Grand Rounds Case Presentations<br>COPE: 66171-GO<br>AEA Cruises                            | February 2020  |
| What's New for Scleral Lens Success in OSD?                                                            | January 2020   |

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| Co-lecture with Chandra Mickles<br>GSLS, Las Vegas                                                                                                                                      |                |
| Navigating Medically Necessary Contact Lenses<br>GSLS, Las Vegas                                                                                                                        | January 2020   |
| Taking vision to 20/20: Multifocal options for the high astigmatism and<br>Irregular cornea patient<br>GSLS, Las Vegas                                                                  | January 2020   |
| Beyond the Basics: updates on disinfection, technology, and troubleshooting<br>For scleral lens patients<br>ICO, Chicago, IL                                                            | November 2019  |
| In-office care of the emergency patient: corneal urgencies and emergencies<br>COPE: 64702-AS<br>Boston                                                                                  | October 2019   |
| Updates in ocular surface disease diagnosis and management<br>COPE: 64701-AS<br>Boston                                                                                                  | October 2019   |
| The Dry Eye Management Map: Navigating OSD in 2019<br>Co-lecture with Melissa Barnett, Maria Walker, Chandra Mickles<br>AAO, Orlando, FL                                                | October 2019   |
| Dry Eye Disease in Children and Teenagers: A Rising Concern<br>Co-lecture with Yi Pang<br>AAO, Orlando, FL                                                                              | October 2019   |
| Cornea, Contact Lens and Refractive Technology Section Symposium<br>Co-lecture with Louise Sclafani, Carol Lakkis, Edward Bennett, Christine Sindt<br>Laura Periman<br>AAO, Orlando, FL | October 2019   |
| Fellows Doing Research Symposium<br>DRESS Study Update<br>AAO, San Antonio, Texas                                                                                                       | November 2018  |
| Rapid Fire: What's New in Scleral Lenses?<br>AAO, San Antonio, Texas                                                                                                                    | November 2018  |
| Scleral Lens Fitting Workshop<br>IOA                                                                                                                                                    | September 2018 |
| ICSC Scleral Lenses for the Normal Corneas<br>ICSC Conference, Ft. Lauderdale, Florida                                                                                                  | July 2018      |

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| OSD Congress<br>ICO                                                                                                          | January 2018   |
| Create the Ahhh! Moment: Calming ocular surface disease with the InSight Scleral Lens<br>GSLS, Las Vegas                     | January 2018   |
| Fitting Tips for the High Astigmatic and Irregular Cornea Patient<br>MAOO Conference                                         | October 2017   |
| In Office Care of Emergency Patient Cornea<br>MAOO Conference                                                                | October 2017   |
| Rapid Fire: Combatting Common Scleral Lens Problems<br>AAO 2017, Chicago, IL                                                 | October 2017   |
| Refractory Ocular Surface Disease, Beyond First Line Therapy<br>AAO 2017, Chicago, IL                                        | October 2017   |
| Rapid Fire: Long Term Scleral Lens Management<br>AAO, 2017, Chicago, IL                                                      | October 2017   |
| Rapid Fire: Scleral Lenses for Ocular Surface Disease<br>American Academy of Optometry, Anaheim, CA                          | November 2016  |
| Fitting the Regular and Irregular Cornea with Metro Optics Lens Designs<br>Houston Optometric Association                    | October 2016   |
| Updates in Ocular Surface Disease Diagnosis and Management<br>COPE: 50618-AS<br>Maine Optometric Association                 | September 2016 |
| In-Office Care of the Emergency Patient: Corneal Urgencies and Emergencies<br>COPE: 50189-AS<br>Maine Optometric Association | September 2016 |
| Fitting Tips for the High Astigmatic and Irregular Cornea Patient<br>COPE: 50619-CL<br>Maine Optometric Association          | September 2016 |
| Advanced Contact Lens Fitting Techniques<br>MOA, Michigan                                                                    | April 2016     |
| Graft Challenge 2.0<br>LJohns, MBarnett, JHarthan, CMertz<br>GSLS                                                            | January 2016   |
| Hot Topics: Dry Eye Disease                                                                                                  | November 2015  |

## AAO

|                                                                                           |               |
|-------------------------------------------------------------------------------------------|---------------|
| Advanced Treatments in Ocular Surface Disease<br>FCO, Indiana                             | November 2014 |
| CL Update: Fitting the Irregular Cornea<br>FCO, Indiana                                   | October 2014  |
| KeraSoft IC: Fitting Techniques for Irregular Corneas<br>New Orleans Contact Lens Society | March 2014    |
| Essentials in Anterior Segment<br>ABO preparation course, Illinois                        | November 2012 |
| Implementing the Latest Anterior Segment Technologies<br>CE Lecture, Milwaukee, Wisconsin | October 2012  |
| Ophthalmic Emergencies and Urgencies<br>Illinois College of Optometry CE program          | February 2012 |
| Top 10 Tips for a Successful Contact Lens Exam<br>CE Lecture, IOA Convention              | Fall 2010     |

## **PROFESSIONAL PUBLICATIONS**

Messer B, Holland Z, Kuzniar J, Harthan J. Arise: A streamlined orthokeratology (ortho-k) lens fitting system. Bausch + Lomb Global Medical and Scientific Affairs, 2025.

This interview was published in Contamac's Global Insight newsletter: <https://contamac.com/global-insight/jenn-harthan-gpli-executive-director/>

Bhakhri R. Harthan J. Skoog W. Understanding the ocular manifestations of HSV. Cornea and Contact Lenses, November 2024.

Harthan J. Pediatric Keratoconus Prevalence. Optometry Times. March 2024.

Achong-Coan R, Harthan J, Andrzejewski T, Miller H, Resnick S, Brujic M. Specialty Lens Troubleshooting Grand Rounds, Contact Lens Spectrum, February 2024.

Andrzejewski T, Harthan J. Custom Soft Contact Lenses, Contact Lens Spectrum, November 2023.

Harthan J. Drops versus inserts: which increases adherence? Optometry Times, November 2023.

Harthan J. Fitting scleral lenses after intacs segments. Contact Lens Spectrum, September 2023.

Managing Contact Lens Associated Red Eye" for the CE article in the Nov/Dec 2021 issue Review of Cornea and Contact Lenses

## Management of the Severe Dry Eye Patient – Contact Lens Spectrum

Harthan JS. Finding the right lens for patients with OSD. Scleral lenses: assessing and addressing the needs Of OSD patients. Contact Lens Spectrum Special Feature Issue. October 2018

Harthan JS. Post-Keratoplasty: Consider Sclerals. Review of Cornea & Contact Lenses. May/June 2018.

Harthan JS. Opportunities in Orthokeratology. Optometric Management. May 1, 2017.

Harthan J, Sclafani, L. Conquer complex corneas: scleral lenses provide vision correction, comfort and therapy. Optometric Management. February 1, 2014.

Harthan J, Brafman S. Dry ice accident and a revitaleyes contact lens. Optometric Management. December 2012.

Brafman S, Harthan J, Eiden SB, Press D. Multi-purpose contact lens solution update. Contact Lens Spectrum October 2012.

Eiden, SB, DeNaeyer GW, Brafman S, Harthan JS, Davis R. Using advanced technologies for contact lens fitting. Contact Lens Spectrum August 2012.

The Benefits of CLCS Membership  
AOA Website

April 2008

## **COLLEGE SERVICE**

### **ICO CONTINUING EDUCATION PROGRAM LECTURES**

Cornea and External Disease Symposium  
CE Lecture, Illinois College of Optometry

February 2025

Ocular Imaging CE  
CE Lecture, Illinois College of Optometry

November 2024

Myopia Management: Contact Lens Options  
CE Lecture, Illinois College of Optometry

November 2023

Know When to Hold ‘Em, Know When to Fold ‘Em  
CE Lecture, Illinois College of Optometry

October 2021

Irregular Contact Lens Management Options  
CE Lecture, Illinois College of Optometry

October 2019

Ocular Surface Disease Symposium  
CE Lecture, Illinois College of Optometry

January 2018

Ocular Emergencies: Cornea

March 2016

CE Lecture, Illinois College of Optometry

Kerasoft IC  
CE Lecture (online), Illinois College of Optometry

March 2016

Updates in EyeCare, Cornea Update  
CE Lecture, Illinois College of Optometry

November 2014

Essentials in Anterior Segment  
CE Lecture, Illinois College of Optometry

November 2012

Ocular Emergencies and Urgencies  
CE Lecture, Illinois College of Optometry

March 2012

Implementing the Latest Technology Devices Into Practice:  
Application in Anterior and Posterior Segment  
CE Lecture, Illinois College of Optometry

Winter 2010

Expert Panel on Dry Eye and Contact Lenses  
CE Lecture Panel, Illinois College of Optometry

Winter 2010

Clinical Contact Lens Update  
CE Lecture, Illinois College of Optometry

Summer 2009

What To Do When Drops Don't Work  
CE Lecture, Illinois College of Optometry

Summer 2008

### **ICO COMMITTEES**

|                              |              |
|------------------------------|--------------|
| Faculty Grievance Counsel    | 2019-present |
| Professional Standards Board | 2019-present |
| Faculty Promotions Committee | 2019-present |
| Research Resource Committee  | 2019-present |
| BIT committee                | 2017-present |

|                      |           |
|----------------------|-----------|
| Curriculum Committee | 2016-2017 |
| Chair                |           |

|                                         |                         |
|-----------------------------------------|-------------------------|
| Professional Ethics & Conduct Committee | 2014-2016, 2018-present |
|-----------------------------------------|-------------------------|

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|-----------------------------|-----------|
| ICO Matters Editorial Board | 2011-2014 |
|-----------------------------|-----------|

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|------------------------------|------|
| ICO & IOA Planning Committee | 2012 |
|------------------------------|------|

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| Faculty Promotions Committee | 2010-2013 |
|------------------------------|-----------|

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| Professional Development Committee | 2009-2011 |
| Chair                              |           |

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|------------------------------------------------|--------------|
| Professional Development Committee             | 2009-present |
| Private Practice Symposium Moderator           | Winter 2011  |
| AOA Faculty Relations Committee                | 2010-2014    |
| Colleague Group                                | 2009-2012    |
| Contact Lens Society Workshop Coordinator      | 2007-present |
| Faculty Conference                             | 2010, 2012   |
| Evidenced Based Medicine, Journal Club Reviews | 2010         |
| Expert Panel: Contact Lenses                   | Fall 2012    |
| Faculty Council Executive Committee            | 2009-2010    |
| Student Admission Interviews                   | 2008-present |
| Peer Review Committee                          | 2008-2009    |
| Curriculum Committee                           | 2007-2008    |
| Travel Committee                               | 2007-2008    |

#### **ICO ADVISOR/MENTOR ROLES**

|                                           |              |
|-------------------------------------------|--------------|
| Student Projects Case Reports Advisor     | 2007-present |
| Resident Mentor                           | 2009-present |
| Contact Lens Society Workshop Coordinator | 2007-present |

#### **PUBLIC SERVICE**

|                                                                                                                                                                                                    |                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| DePaul Vision Screenings<br>DePaul University, Chicago, IL                                                                                                                                         | 2007-present                 |
| Chicago Fire Vision Screenings<br>Toyota Park, Naperville, IL                                                                                                                                      | 2007-present                 |
| Special Friends, Willow Creek Community Church <ul style="list-style-type: none"> <li>• Work one-on-one with a special needs child each week (1-2 hours every Sunday)</li> </ul>                   | 2003-present                 |
| Glenview Vision Care <ul style="list-style-type: none"> <li>• Part Time Associate (15-20 hours per week)</li> <li>• Adjunct Assistant Professor at the University of Missouri-St. Louis</li> </ul> | 2007-present<br>2011-present |



**ADMINISTRATIVE APPOINTMENTS**

|                                                                                     |              |
|-------------------------------------------------------------------------------------|--------------|
| Chief, Cornea Center for Clinical Excellence<br>Illinois Eye Institute, Chicago, IL | 2014-present |
| Chief, Urgent Eye Care Service<br>Illinois Eye Institute, Chicago, IL               | 2010-2014    |

**HONORS AND AWARDS**

|                                                                          |              |
|--------------------------------------------------------------------------|--------------|
| AOA Contact Lens Achievement Award                                       | 2024         |
| Dr. Lester Janoff AOCLE Award                                            | 2022         |
| Dr. Edward S. Bennett GPLI Educator of the Year                          | 2022         |
| Excellence in Education Award<br>Illinois College of Optometry           | 2019         |
| Fourth Year Teacher of the Year                                          | 2018-2019    |
| 2016 High Impact Poster Awards (ARVO)<br>National Keratoconus Foundation | 2016         |
| Young Alumni of the Year<br>Illinois College of Optometry                | 2014         |
| Fourth Year Clinical Teacher of the Year                                 | 2013         |
| Resident Faculty of the Year Award                                       | 2011-2012    |
| Author of the Most Presentations Award<br>ICO Research Symposium         | 2010-present |
| Dr. George Mertz Travel Award                                            | 2007         |
| Robert D. Newcomb Leadership Award                                       | 2007         |