

# Leslie E. O'Dell, OD, FAAO, Diplomate American Board of Optometry

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**Clinical Director- Medical Optometry America, York, PA** *April 2020- present.* When you select a Medical Optometry America practice, you are choosing optometrists who are at the forefront of their field. We rely on the latest research, the most advanced technology, and a more medical approach to eye care. All of our eye doctors must pass our rigorous testing to prove they are of the highest caliber and capable of serving you according to our exceptional standards.

## **Dry Eye Center of PA, Wheatlyn Eye Care, York, PA**

*September 2015- April 2020.* Founder of the Dry Eye Center of PA within a group Optometric practice. Ocular Disease, Dry Eye Specialist, Director of the Dry Eye Center of PA- Private Practice

## **The May Eye Care Center and Associates, Hanover, PA**

*July 2004- July 2015* Staff Optometrist, Preceptor of External rotations with Salus University  
-Independently provide routine, diagnostic, therapeutic and medical eye care to a broad patient base consisting of approximately 5,500 annually.

- Launched and oversee continued development and evolution of The Dry Eye Treatment Center at May Eye Care, including introduction of LipiFlow treatment. May Eye Care consistently ranks as one of the top five practices in the eastern U.S. for LipiFlow treatment volume.

- Specialize in management of glaucoma, surgical co management, diabetic eye disease and ocular surface disease.

- Provide regular low vision evaluations to patients throughout the region

- Recently launched and manage a high volume dry eye treatment center within the practice.

- Educate local optometrists at annual meetings and at special events.

- Educate and interact with the public at May Eye Care events like – “*Save Your Vision Month*” Poster Contest, Dry Eye Seminars, Refractive Seminars.

- Created blogs and social networking profiles that serve as resources for timely information for patients and the general public on Ocular surface disease.

(Twitter page @HelpMyDryEyes has more than 4,500+ followers) Twitter pages serves as an additional platform to exchange information and ideas with other OD's.

- Play an active role in practice management and maximizing patient satisfaction and patient flow ant May Eye Care.

## **Personal Data**

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New Freedom, PA 17349  
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## **Education and Training**

### Undergraduate

1995-1999-University of Delaware, Newark, DE

Bachelor of Arts

Major: Biology Minor: Medical Humanities

Honors: Graduated Cum Laude

2000- Bachelor of Science, Pennsylvania College of Optometry

### Doctoral

1999-2003- Doctor of Optometry, Pennsylvania College of Optometry

### Postdoctoral

2003-2004- Residency in Hospital Based Optometry

Baltimore Veterans Affairs Medical Center

2008- Fellowship in the American Academy of Optometry, Ocular Disease Section

2014- Diplomate, American Board of Optometry

## **RESEARCH ACTIVITIES**

### **Publications, Peer-Reviewed Original Research**

1. **O'Dell LE**, Ballinger, R. Ocular Manifestations of Multiple Endocrine Neoplasia Type 1. Poster, American Academy of Optometry, December 2003
2. **O'Dell LE**, Robin AL. Determining barriers to and trends in patient adherence with glaucoma medical therapy using the Travatan™ dosing aid (TDA). Program and abstracts of the Association for Research in Vision and Ophthalmology 2007 Annual Meeting; May 6-10, 2007; Fort Lauderdale, Florida. Abstract 5575.
3. **O'Dell LE**. Determining Barriers to and Trends in Patient Adherence with Glaucoma Medical Therapy Using the Travatan™ dosing aid (TDA). Paper presentation, American Academy of Optometry, October 2007.
4. **O'Dell LE**, Hennessy A, Robin AL. Evaluating adherence to ocular hypotensives using the Travatan dosing aid. *Clinical Optometry*: January 2012
5. *Ophthalmic Professional*, Volume: 2 , Issue: November 2013, page(s): 26 – 30 “Are Dry Eye Clinics the Future?”
6. **O'Dell L.E**. Poster American Optometric Association, Optometry’s Meeting June 2014 “**Short-term (2 month) subjective and objective improvement for meibomian gland dysfunction after a single treatment using the LipiFlow Thermal Pulsation System.**”
7. Kwan J. Hathan J. O’Dell L. Hauswirth SG. Hom MM. Impact of Electronic Device Use on Contact Lens Wearers *Invest Ophthalmol Vis Sci* 2016;57:ARVO E-Abstract:1483. DOI: 10.13140/RG.2.1.1639.0008
8. Harthan J. O’Dell L. Kwan JT. Hom MM. Hauswirth SG. Schachter A. Schachter S. Hauser W. Kabat K. Dry Eye Symptoms and Visual Function with Digital Device Use. *Invest Ophthalmol Vis Sci* 2016;57:ARVO E-Abstract:2843. DOI: 10.13140/RG.2.1.3211.8642.
9. Halleran C. Hauswirth SG. Kwan JT. Hom MM. O’Dell L. Moy A. Schachter A. Hathan J. Lin MC. McNamara NA. Agreement in reading center grading of

- Isotretinoin (Accutane)-induced meibography changes Invest Ophthalmol Vis Sci 2016;57:ARVO E-Abstract:6219. DOI: 10.13140/RG.2.1.1966.6801.
10. Kwan J. Harthan J. O'Dell L. Hauswirth S. Halleran C. Mastrota K. Hom M. 21st century digital device use and OSDI. 8th International Conference on the Tear Film & Ocular Surface: Basic Science and Clinical Relevance. Montpellier, France. September 10, 2016. Abstract #40. DOI: 10.13140/RG.2.2.19454.38723.
  11. Kwan JT. Harthan J. O'Dell LE. Halleran C. Hom MM. How has comfortable wear time of soft contact lenses changed? Optom Vis Sci 2016 American Academy of Optometry, Anaheim, CA, DOI: 10.13140/RG.2.2.12032.02565
  12. O'Dell LE. Periman LM. Sullivan AG. Hom MM. Cosmetics Can Compromise Eye Health: Clinical Awareness Necessary Optom Vis Sci 2016 American Academy of Optometry, Anaheim, CA, DOI: 10.13140/RG.2.2.28180.09602
  13. Mastrota KM. Kwan JT. Harthan J. Halleran C. Hauswirth SG. O'Dell LE. Hipolito KA. Hom MM. Dry Eye Symptoms with Digital Device Use in Patients Over and Under 45 Years of Age Optom Vis Sci 2016 American Academy of Optometry, Anaheim, CA, DOI: 10.13140/RG.2.2.29018.9568
  14. Schachter S. Schachter A. O'Dell LE. Hom MM. A Dry Eye Survey of Practicing Optometrists. Optom Vis Sci 2016 American Academy of Optometry, Anaheim, CA, DOI: 10.13140/RG.2.2.22026.26565
  15. Halleran CC. Kwan JT. Hauswirth SG. O'Dell LE. Schachter S. Schachter A. Mastrota KM. Hom MM. The Importance of evaluating both Upper and Lower eyelids with Meibography. Optom Vis Sci 2016 American Academy of Optometry, Anaheim, CA, DOI: 10.13140/RG.2.2.25522.61120.

#### **Contributor**

***Optometry- AAO publication-*** 2007- 2011- Write Abstract reviews based on published articles in *Archives of Ophthalmology* on a quarterly basis.

#### ***EyeTube OD - She Said She Said Series - 2016-present***

Co-host of an online video series discussing Women issues in eye care from an aesthetics angle.

#### ***Editorial- Ocular Surface News- Optometric Management 2014-present***

#### ***Editorial Board:***

Co-chief Medical Editor – Modern Optometry – 2019-present

#### ***Past Editorial Boards:***

Optometry Times

Advanced Ocular Care

#### ***Advisory Boards, Speaker and Consultant:***

Eye Eco

Aeire

Alcon

Allergan

Bausch

**Bruder**  
**Eyevance**  
**Kala**  
**Maculogixs**  
**Johnson & Johnson Vision**  
**Sight Sciences**  
**Paragon BioTech**  
**Sun Pharma**  
**Oyster Point**  
**Tarsus**  
**Scope Ophthalmics**  
**Eyegiene**  
**Novartis**

#### **Articles**

**Take Your DED Strategy to the Next Level – May 2014 Advanced Ocular Care**

**Meibomian Glands: The Nerve Fiber Layer of the Anterior Segment-** December 2014  
Advanced Ocular Care

**Using the SPEED Questionnaire to Identify Dry Eye-** Optometry Times, January 2015

**Glaucoma and Dry Eye: Principals and Parallels – Review of Optometry,** January 2015

**Optometrist and Integrated Care of Ocular Surface Disease -** CRST Today, March 2015

**Uniform Standard of Care for Dry Eye Disease Proves Elusive-** Advanced Ocular Care,  
March 2015 - Cover Feature AOC Dry Eye Supplement

**Five Pearl Ever Cataract Surgeon Must Know about Dry Eye -** CRST Europe, May  
2015

**Getting the word out about redness -** Advanced Ocular Care, August 2015

**Long Lashes but at what price-** Advanced Ocular Care, August 2015

**A Stepwise approach to diagnose MGD -** Optometry Times, August 2015

**Real World Factor That Can Affect Contact Lens Success-** Review of Optometry,  
August 2015

**Best Practiced in Integrated Care-** Advanced Ocular Care, September 2015

**Dry Eye Toolbox: What's in, What's out and What's next -** Advanced Ocular Care January  
2016

**Beauty Does Not Have to Hurt** - co-authors Amy Gallant Sullivan, Laura Peirman MD- Advanced Ocular Care, July 2016

**Suffering for Beauty- Harmful Ingredients and trends in Cosmetics** -- co-authors Amy Gallant Sullivan, Laura Peirman MD- Advanced Ocular Care, September 2016

**If I could Turn Back Time....** anti-aging and OSD - co-authors Amy Gallant Sullivan, Laura Peirman MD- Advanced Ocular Care, November 2016

## **Extramural Funding**

### Previous

2006: Monitoring patient adherence using the Travatan dosing Aid. Sub-investigator with Dr. Alan Robin

2007: Multicenter study comparing tear break up time and OSDI score for patients using Travatan Z, Lumigan and Xalatan. Alcon funded- Sub-Investigator

2009: Double blind, multicenter study comparing tear break up time and OSDI scores between Travatan Z and Xalatan- Alcon funded- Sub-Investigator

2013-14: TearScience Study – Primary Investigator looking at the role of LipiFlow in Contact Lens intolerance

## **Educational Experience**

### **Teaching experience**

**November 2008-present**- Preceptor for Pennsylvania College of Optometry (Salus University) externs- Ocular Disease externship/Advanced Anterior Segment  
**Adjunct Faculty** – Salus University 2014-15

## **Continuing Education (CME) Lectures:**

- American Academy of Optometry - 2016 meeting - Glaucoma Rapid Fire, OSD Rapid Fire, Demodex Workshop
- Kentucky Optometric Society - Spring CE conference 2016
- Fall 2014-
- December 2014- POA Dry Eye webinar “Advancements in Dry Eye”
- September 2014- POA diabetes webinar series. “Diabetes and the eye: all things NOT retinopathy”

- May 2014- “Real World Applications of Emerging Technologies and Treatments” (41463-AS)
- March 2014- “Advancements in Dry Eye Treatment- Lipiflow treatment for evaporative dry eye” – Cancun, Mexico Ocular Therapeutics CE meeting
- April 2013- “Advancements in Dry Eye Treatment- Lipiflow treatment for evaporative dry eye”
  - (Presented to Lancaster Optometric Society- Lancaster, PA)
- November 2012- Diabetes management
  - (presented to CPOS in Harrisburg, PA)
- October 2008- “Ocular Omeganemia”
  - (presented at CE in Hanover, PA)
- April 2008- “Patient Adherence to Glaucoma Medical Therapy”
  - (presented at the Lebanon VA’s “2008 VISN 4 Optometric CE conference, Lebanon, PA)
- October 2007- “Diagnosis of Dry Eye Disease”
  - (presented at an Allergan Sponsored CE in Princeton, NJ)
- October 2006- “Update on Glaucoma Clinical Trials”
  - (presented a CE in Hanover, PA)
- October 2005- “Getting Red Eye Right”
  - (presented a CE in Hanover, PA)
- March 2005- “Advancements in Dry Eye, Telemedicine and Retina”
  - (presented a CE in Hanover, PA)
- Spring 2004- “HIV/AIDS in the era of HAART”
  - (presented at the Pennsylvania College of Optometry Grand Rounds)
- Spring 2004- “Retinitis Pigmentosa”
  - (Baltimore VA Grand Rounds)
- Winter 2004- “Red Eye Overview”
  - (Baltimore VA Grand Rounds)
- Fall 2003- “LASIK Complications and Co-Management”
  - (Baltimore VA Grand Rounds)

### **Speaker/Advisory Board**

TearScience Advisory Board – Fall 2013

Genzyme 2013- present

Allergan - 2016- present - speaker

Shire - 2016-present - speaker, early experience advisory board

Paragon BioTech 2016-present - advisory board

Bruder - Advisory Board

### **Clinical Activities**

#### Certification

Therapeutic PA license #OEG001304 –current  
Therapeutic MD license- presently inactive

Speciality Certification

2007-present: Fellow in the American Academy of Optometry

**Professional Societies**

**American Academy of Optometry**

2005 to present Active member  
2007 to present Fellow – Ocular Disease

**American Optometric Association**

2005 to present Active member

**Central Pennsylvania Optometric Association**

2005 to present Active Member, Secretary 2007- 2009  
Treasurer 2010-2012

**Optometric Glaucoma Society 2014- present**

**ARVO- member**

**Tear Film and Ocular Surface Society 2013- present**

**DEWSII - public awareness committee**

**Intrepid Eye Society - 2015- present**

**Conference Organizer**

2005 to present- Dry eye seminar for patients- annual basis. Hanover, PA  
2006 to 2012- Fall CE forum for Central PA optometric society- 6 hours of CE  
2014- Diplomate, American Board of Optometry

**Community Service**

Medial Adviosry Board of Director for ForSight Vision, York, PA- a non profit organization to server visually impaired individuals in the community. 2012-present

**Honors**

2008- Central PA Young Optometrist of the Year  
2008- Fellowship in the American Academy of Optometry, Ocular Disease Section  
2014- Diplomate, American Board of Optometry  
2016- 40 under 40 in Central Pennsylvania  
2020- Central PA OD of the Year