



**CLAO,  
The Eye & Contact Lens Association's**

# ***Annual Meeting***

**Thursday, April 12, 2018  
8:00 a.m. to 12:00 p.m.**



**Hilton Orlando  
6001 Destination Parkway, Orlando, Florida**



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# Agenda

## CLAO, The Eye & Contact Lens Association's Annual Meeting

April 12, 2018, 8:00 a.m. to 12:00 p.m. – Hilton Orlando, Orlando, Florida

### Lake Down Meeting Room

*Followed by a complimentary workshop on Orthokeratology from 1:30 p.m. – 3:30 p.m.*

6:30-8:00	Registration	
7:30-8:00	Breakfast	
8:00-8:15	Message from our Sponsor	Lisa Bridell, Associate Director Market Development, Shire Ophthalmics
8:15-8:20	Welcome	

#### The Ocular Surface, Dry Eye, and Infections

8:20-8:30	Contact Lens Ulcers and Infiltrates: Terminology Matters!	Deborah S. Jacobs, MD
8:30-8:40	CIE-Corneal Inflammatory Events	Loretta Szczotka-Flynn, OD, PhD
8:40-9:10	<b>The Oliver H. Dabezies Jr. MD Lecture:</b> Pigmented Conjunctival Lesions	Carol Karp, MD
9:10-9:20	CL Related Infections-Simple Protocol for Successful Outcomes	Deepinder K. Dhaliwal, MD
9:20-9:30	Update on DEWS II	Christina Prescott MD, PhD
9:30-9:35	Discussion/Q & A	
9:35-9:50	Break with Exhibitors	

#### Myopia Control and Contact Lens Safety

9:50-10:00	Informed Consent for Myopia Control	Thomas Aller, OD
10:00-10:20	Orthokeratology-Indications and Challenges	Cary Herzberg, OD
10:20-10:45	<b>The Harold A. Stein MD Lecture:</b> Contact Lens Safety: the CDC Perspective	Jennifer Cope, MD, MPH
10:45-10:50	Discussion/Q&A	

#### International Medical Contact Lens Update

10:50-11:05	Keratoconus & OrthoKeratotomy-New Treatment Strategies	Gudrun Bischoff, MD
11:05-11:20	Brazilian Experience in Scleral Lens for Regular Corneas	Izabela Godinho, MD
11:20-11:35	Pseudomonas Aeruginosa Keratitis Associated with Contact Lens Wear	Takahashi Suzuki, MD
11:35-11:50	CXL Usual and Unusual Use	Udo Heuer, MD
11:50-11:55	<b>Conclusion</b>	

11:55-12:10	Message from our Sponsor	Johnson & Johnson Vision Representative
12:05-1:30	Lunch in the Exhibit Hall	

#### Orthokeratology Education Symposium 1:30 – 3:30 p.m.

##### Introducing OrthoK and Myopia Control into Your Practice

This two-hour symposium is part of the CLAO annual program, and will introduce the participant to the field of OrthoK treatment of myopia and myopia control in children. The co-chairman will be Doctors Sami El Hage and Bruce Koffler. Other key speakers will be Dr. Caroline Cauchi, Dr. Nick Despotidis and Tim Koch.

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## Featured Lectureships

### The Harold A. Stein MD Lecture

**Carol L. Karp, MD**

#### Pigmented Conjunctival Lesions

Carol L. Karp, MD, is an associate professor of clinical ophthalmology at Bascom Palmer Eye Institute. She joined the faculty in 1994, after completing a fellowship in cornea and external disease at the center. Karp's work, which received the First Place Special Interest Research Award from the American Society of Cataract and Refractive Surgery in 1998, helped to change the standard of care for the treatment of ocular surface tumors. She has lectured nationally and internationally on the topic of interferon and other topical chemotherapies for the treatment of squamous neoplasia on the eye.



Carol L. Karp, MD

### The Oliver H. Dabezies Jr. MD Lecture

**Jennifer Cope, MD, MPH**

#### Contact Lens Safety: the CDC Perspective

Jennifer Cope, MD, MPH, is a medical epidemiologist and infectious disease physician with the Waterborne Disease Prevention Branch in the National Center for Emerging and Zoonotic Infectious Diseases at the Centers for Disease Control and Prevention (CDC). Dr. Cope has served as CDC's subject matter expert on free-living ameba infections, including *Acanthamoeba keratitis* (AK) since 2013 and leads the CDC's Healthy Contact Lens program. Dr. Cope has published several articles on the topic of AK, microbial keratitis, and contact lens hygiene habits.



Jennifer Cope, MD, MPH

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## History

### Oliver H. Dabezies, Jr., MD Lecturers

1991 Oliver H. Dabezies, Jr., MD  
1992 R. Linsy Farris, MD  
1993 Harold A. Stein, MD  
1994 Herbert E. Kaufman, MD  
1995 Perry S. Binder, MD  
1996 Stephen D. Klyce, PhD  
1997 H. Dwight Cavanagh, MD, PhD  
1998 James P. McCulley, MD  
1999 Donald J. Doughman, MD  
2001 William M. Bourne, MD  
2002 Peter Donsik, MD  
2003 Gary N. Foulks, MD  
2004 William T. Driebe, Jr., MD

### Oliver H. Dabezies, Jr., MD Lecturers (cont.)

2005 Scheffer Tseng, MD  
2006 M. Cristina Kenney, MD, PhD  
2007 Elizabeth Cohen, MD  
2008 James Chodosh, MD  
2009 H. Dwight Cavanagh, MD  
2010 Elmer Y. Tu, MD, PhD  
2012 Penny A. Asbell, MD, MBA  
2014 Donald Tan, MD, FRCS  
2015 John Dart, MD  
2016 Russell N. Van Gelder, MD  
2017 William B. Trattler, MD

### Harold A. Stein, MD, Lecturers

2001 Sven Erik G. Nilsson, MD, PhD  
2002 Irwin Siegel, OD, PhD D  
2003 Frank Holly, PhD  
2004 Stephen Plugfelder, MD  
2005 Miguel Refojo, DSc  
2006 Perry Rosenthal, MD  
2007 Raymond M. Stein, MD  
2008 Mark Terry, MD  
2009 Florence Malet, MD  
2010 Anthony J. Aldave, MD  
2012 Stephen D. McLeod, MD  
2014 Allan R. Slomovic, MD, FRCS  
2015 Jay S. Pepose, MD, PhD  
2016 Suzanne MJ. Fleiszig, OD, PhD  
2017 Robert H. Osher, MD

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## Speaker Biographies

### **Deborah S. Jacobs, MD**

#### **Contact Lens Ulcers and Infiltrates: Terminology Matters!**

Deborah S. Jacobs, MD, is an ophthalmologist specializing in cornea and ocular surface disease. Dr. Jacobs earned an undergraduate degree in Biology, summa cum laude, from Harvard and Radcliffe Colleges in 1981. She was awarded a Rhodes Scholarship to Oxford University in the U.K., where she earned an MSc in Physiological Sciences in 1983. She attended Harvard Medical School, earning an MD in 1987. Dr. Jacobs trained as a Resident in Ophthalmology and then as a Fellow in Cornea and External Diseases at Massachusetts Eye & Ear Infirmary. From 1992-2006, she was Director of the Cornea Service at Beth Israel Deaconess Medical Center in Boston. Dr. Jacobs has served as the Medical Director at Boston Foundation for Sight, in Needham, MA. She is an Associate Professor of Ophthalmology, Part-time, at Harvard Medical School, where she directs the Core Medicine Clerkship in Ophthalmology, and sees patients in consultation at the Massachusetts Eye & Ear Cornea Service. She served as President of CLAO from 2014 -2016.



### **Loretta Szczotka-Flynn, OD, PhD**

#### **CIE-Corneal Inflammatory Events**

Loretta Szczotka-Flynn, OD, PhD, is Professor at Case Western Reserve University (CWRU) in the Departments of Ophthalmology & Visual Sciences as well as Epidemiology & Biostatistics. She is Director of the Contact Lens Service at the University Hospitals Cleveland Medical Center in Cleveland, Ohio since 1992. She received her Doctorate of Optometry and Masters of Physiological Optics from The Ohio State University in 1992, and her PhD in Epidemiology from Case Western Reserve University in 2009. She has been Associate Editor for CLAO's Eye & Contact Lens journal since 2013.



### **Deepinder K. Dhaliwal, MD, LAC**

#### **CL Related Infections-Simple Protocol for Successful Outcomes**

Deepinder K. Dhaliwal, MD, LAC, is the current President of the Contact Lens Association of Ophthalmologists (CLAO). She earned her medical degree from Northwestern University in the Honors Program in Medical Education where she was selected as a member of the Alpha Omega Alpha Honor Society, and completed her residency in ophthalmology at the University of Pittsburgh Medical Center. She is currently Professor of Ophthalmology at the University of Pittsburgh School of Medicine, Director of Refractive Surgery and the Cornea Service at UPMC Eye Center, and Founder and Director of the Center for Integrative Eye Care at the University of Pittsburgh. She is a recognized expert in her field and teaches corneal and refractive surgical techniques to ophthalmologists globally.



### **Christina R. Prescott, MD, PhD**

#### **Update on DEWS II**

Christina R. Prescott, MD, PhD, specializes in medical and surgical management of serious corneal diseases including artificial corneas (keratoprosthesis) and modern forms of corneal transplants such as Descemets stripping endothelial keratoplasty and deep anterior lamellar keratoplasty. She also specializes in laser vision correction (LASIK) and cataracts. Dr. Prescott earned her MD and PhD (neuroscience) from the University of Colorado Health Sciences Center. She completed an internship at the Hospital of St. Raphael in New Haven, CT, and her ophthalmology residency at Yale University. Dr. Prescott then completed a fellowship in cornea, refractive surgery and external disease at the Massachusetts Eye and Ear Infirmary of Harvard University before joining the Wilmer faculty in 2012.



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## Speaker Biographies

### **Thomas Aller, MD**

#### **Informed Consent for Myopia Control**

Thomas Aller, MD, is an internationally known optometrist in San Bruno, CA. He has conducted revolutionary research in the control of myopia through his CONTROL Study, a randomized clinical trial that proved the success of his method of myopia control. After being awarded one of the world's first patents in myopia control treatments, Dr. Aller began collaborating with an international vision research consortium, to develop and bring to market new and improved methods of myopia control. He also developed a software product, Exerceyes, designed to provide eye exercises to the computer user to reduce eyestrain.



### **Cary Herzberg, OD**

#### **Orthokeratology-Indications and Challenges**

Cary Herzberg, OD, has been in practice for more than thirty years. He completed his Bachelor of Science Degree and his Doctor of Optometry Degree from Illinois College of Optometry in 1969 and 1971. Dr. Herzberg is a leader in the field of contact lenses. A member of the advisory board of RGPLI, design consultant to C & H and co-inventor of the macro lens "elite" and "ok" contact lenses. Dr. Herzberg is President of the Orthokeratology Academy of America, orthokeratology chair of the AOA Contact Lens Section, and an advisory board member of the PRIO Corporation.



### **Gudrun Bischoff, MD**

#### **Keratoconus & OrthoKeratology - New Treatment Strategies**

Dr. Gudrun Bischoff, MD, was born and schooled in Hamburg. After graduating from Sophie-Barat school, she went on to study medicine and received her diploma after passing the State exams in 1971. In 1978, she set up a private practice as an ophthalmologist before creating the Medical Eye-Care Praxen & Klinik one year later with two associates. This practice now accounts for five production centers as well as a surgical clinic in northwest Hamburg. Today, she supervises the team working on medical contactology for the Cornea section of the German Scientific Association of Ophthalmology (DOG).



### **Izabela Godinho, MD**

#### **Brazilian Experience in Scleral Lens for Regular Corneas**

Izabela Godinho, MD, is a medical doctor in Brazil, specializing in contact lenses and corneal surgery. She is head of the contact lens department and Eye Institute at Belo Horizonte, as well as a consulting ophthalmologist for other hospitals in her area. Dr. Godinho staffs the organizing committee for distance educational programs for SOBLEC, the Brazilian Society of Contact Lenses, Cornea and Refractometry, and is their international representative.

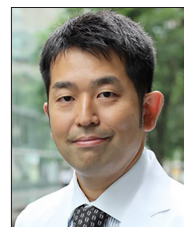


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**Takashi Suzuki, MD, PhD*****Pseudomonas Aeruginosa* Keratitis Associated with Contact Lens Wear**

Takashi Suzuki, MD, PhD, is associate professor of ophthalmology at Toho University, and serves as Medical Director of Ishizuchi Eye clinic. He completed his residency training at Ehime University in 2000, and serves as specialist of cornea/external disease, especially ocular infection. In addition to clinical experience, he has also done research about microbiology. He had worked as post-doc in Schepens Eye Research Institute, Harvard Medical School, and Clinical Observer fellow in Singapore National Eye Centre. His recent research interests are in the area of microbial keratitis and dry eye associated with contact lens.

**Udo Heuer, MD****CXL Usual and Unusual Use**

Udo Heuer, MD, completed his medical studies at the Georgia-Augusta University in Göttingen, where he successfully completed the state medical examination and later the American ECFMG state examination for medicine in Berlin, to then graduate as a doctor of medicine. In 1998, along with two other partners, Udo Heuer set up the Medical Eye-Care Clinic and Surgery Association. In addition to the traditional ophthalmological areas of surgery on the anterior segment of the eye, such as cataract and corneal operations, Dr. Heuer covers plastic and refractive surgery with the implantation of premium and special lenses. Another focal point of his work is children's and infants' ophthalmology. Under his leadership, Medical Eye-Care is also a center of excellence for macular diseases including intravitreal injections.



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## Sponsor Biographies

**Lisa Bridell, Associate Director****Market Development, Shire Ophthalmics**

Lisa Bridell joined the Shire Market Development team with 10 years of commercial experience in the pharmaceutical and device business. During 9 years with ISTA Pharmaceuticals, Bausch & Lomb, Thrombogenics and Alimera Sciences, Lisa served as Regional Field Sales Trainer, area mentor, and participated on numerous leadership boards within each organization. Lisa works closely with Dry Eye Key Opinion Leaders (KOLs), Strategic Accounts, Teaching Hospitals, and Professional Societies to raise awareness of Shire's ophthalmic business. Ophthalmic Market Development focuses on Advocacy, Strategic Account Management, and Collaboration with marketing and sales leadership regarding the KOL landscape and expertise within the Dry Eye community. Other areas of focus include identification and development of emerging opinion leaders, utilization of regional advocacy groups and innovation in peer-to-peer education.



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- ▶ Registration discount at CLAO Meetings
- ▶ Professional development and leadership opportunities
- ▶ Opportunities to network with fellow colleagues in the field of contact lenses and vision correction

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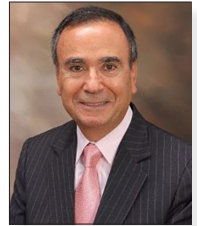
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## Speaker Biographies – Orthokeratology Education Symposium

### **Sami G. El Hage, OD, PhD, DSc**

Sami G. El Hage, OD, PhD, D.Sc., received his OD degree from the Pennsylvania College of Optometry, and his PhD and D.Sc. from the University of Paris. Dr. El Hage has taught at the University of Paris and the University Of Houston College Of Optometry, where he was a tenured full professor and graduate faculty at the age of 33. He has lectured extensively nationally and internationally on corneal topography, contact lenses, orthokeratology, and vision science. He has also published numerous articles and chapters in scientific journals and books.



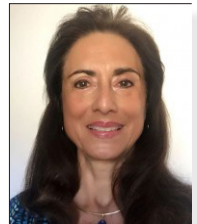
### **Bruce H. Koffler, MD**

Bruce H. Koffler, MD, is a fellowship-trained ophthalmic surgeon who completed his training in Cornea and External Disease at the Georgetown University Center for Sight in Washington, D.C. in 1979. Dr. Koffler served as an Assistant Professor of Ophthalmology and the Director of the Corneal and External Disease services at the University of Kentucky College of Medicine from 1979 to 1987. During his tenure, he developed the University of Kentucky Lions Eye Bank in 1980 and served as its Medical Director from 1981 to 1987. Currently, Dr. Koffler is an Associate Clinical Professor and is the Founder and Medical Director of Koffler Vision Group.



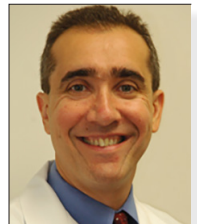
### **Guerrero Cauchi, MD**

Guerrero Cauchi, MD, received her OD degree from the University of California, Berkeley School of Optometry. After graduating, she opened her private practice, Family ICare/Vision Solutions. Her specialties include orthokeratology and myopia control, pediatric vision, and specialty contact lens fitting. In 2007, she was granted the designation FIAO (Fellow of the International Academy of Orthokeratology and Myopia Control) and later served on their board of directors where she is responsible for setting care policy and educating doctors new to OrthoK.



### **Nicholas Despotidis, MD**

Nicholas Despotidis, MD is a leading expert in the field of Orthokeratology, the generic term for the Gentle Vision Shaping System (GVSS). He has devoted his practice to this area of expertise and has had the privilege of fitting hundreds of patients with Gentle Vision Shaping Retainers and seeing them grow from children to young adults. Dr. Despotidis graduated with honors from The State College of Optometry in New York. He later completed a residency in vision therapy and pediatric vision. He has published many papers in optometric journals, as well as being a frequent lecturer.



### **Timothy O. Koch, COT, FCLSA**

Timothy O. Koch, COT, FCLSA has over 30 years' experience in the eye care industry and is well known as an author, lecturer and specialist in the contact lens field. Mr. Koch has served on the Boards of the Contact Lens Examiners and of the Contact Lens Society of America. His extensive background includes experience as a contact lens clinical specialist, eye care clinical administrator, as a manager at Park Nicollet Health Services; Director of Professional Services at Paragon Vision Sciences; VP, Professional Services at SynergEyes, Inc.; and is currently a Clinical and Professional Services Consultant to Contamac, US.



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**Notes:**



Save the Dates!

## CLAO Symposium at ASCRS: Sexy Contact Lenses

Sunday, April 15, 2018 – 3:00 to 4:30 p.m. – Washington, D.C.

- ▶ Contact Lenses for Myopia Control
- ▶ Drug-Eluting Contact Lenses
- ▶ Cosmetic Contact Lenses: Risks and Rewards
- ▶ PROSE as a Novel Drug Delivery System
- ▶ Hyperosmotic Contact Lenses

Deborah S. Jacobs, MD  
Joseph Ciolino, MD  
Michelle Rhee, MD  
Jessica Ciralsky, MD  
Ofer Daphna, MD

### **Richard L. Lindstrom, MD Lecture**

- ▶ Advances in Optics and Contact Lenses: Technology and Biology

Dimitri Azar, MD



## CLAO Symposium at WOC2018: Contact Lens Safety: Insights from the US and Around the World – June 16-18, 2018 – Barcelona, Spain

- ▶ New Standards for Solutions Testing: Update from the FDA
- ▶ Peroxide Disinfection Systems: Why We Need Them
- ▶ Scleral Lenses: Emerging Data from Around the World
- ▶ Orthokeratology Related Infections
- ▶ Therapeutic Contact Lenses: A Safe and Effective Option for Ocular Graft Versus Host Disease
- ▶ Decorative Lenses
- ▶ Microbial Keratitis: Lessons from the French Study

Bennie H. Jeng, MD  
Deborah S. Jacobs, MD  
Amy Lin, MD  
Vishal Jhanji, MD  
  
Jessica Ciralsky, MD  
Michelle K. Rhee, MD  
Carina Koppen, MD



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## CLAO Symposium at AAO 2018: Hot Topics of the Ocular Surface

October 27-30, 2018 – Chicago, IL

- ▶ Contact Lens Induced Limbal Stem Cell Deficiency
- ▶ Amniotic Membrane Transplantation for Severe Acute Cicatrizing Disorders
- ▶ PROSE for Severe Ocular Surface Disorders
- ▶ Keratoprosthesis in Ocular Surface disorders
- ▶ New Treatments in Dry Eye and Blepharitis
- ▶ Algorithm for Dealing with Persistent Epithelial Defects

Clara Chan, MD

Kimberly Sippel, MD  
Deborah Jacobs, MD  
Kathryn Colby, MD  
Bennie Jeng, MD  
Ali Djalilian, MD

### **Whitney G. Sampson Lecture**

- ▶ Simple Limbal Epithelial Transplantation

Virender Singh Sangwan, MD, MSpan