ACADEMY 2019
ORLANDO
3rd World Congress of Optometry

Find your inspiration for EXCELLENCE.

OCTOBER 23-27, 2019 • ORANGE COUNTY CONVENTION CENTER

Program Preview generously sponsored by: Alcon
WHAT WILL YOU MISS IF YOU’RE NOT THERE?

**ENGAGING** with innovative speakers and gaining cutting-edge information to make you better prepared for your day-to-day clinical practice.

**CONNECTING** and reuniting with your peers from around the globe, and networking with the best and brightest in optometry.

**EXCHANGING** ideas with researchers presenting the latest discoveries that will help you solve clinical problems and make a bigger impact in the lives of your patients.

**DISCOVERING** the latest technology in the spacious exhibit hall that will help you take your practice to the next level.

**EXPLORING** over 100+ attractions across the city and seven of the world’s top theme parks. Orlando is unlike any other destination full of unforgettable experiences waiting for you to explore.

**OVER 450 HOURS OF CE OFFERINGS TO CHOOSE FROM.**

ATTEND ANY CE SESSIONS YOU WISH — NO ADVANCE COURSE SIGNUP.

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**EARN UP TO 42 HOURS OF CE**
Dear Colleagues,

This year’s meeting will be truly extraordinary as the World Council of Optometry and the American Academy of Optometry partner to provide one of the most prestigious optometry meetings in the world. We will bring together leading researchers, forward-thinking clinicians and energized optometry students from around the globe for five invigorating days of education, an extensive exhibit hall, and many memorable social events.

The meeting is unique in that we offer CE in a variety of formats – over 450 hours of lectures, hands-on workshops, wide-ranging and clinically-relevant scientific paper and poster sessions, and unparalleled symposia. An additional benefit of this joint meeting is that we will be offering 5 full days of continuing education. Our corporate partners will also provide several opportunities during the meeting for you to gain exposure to the latest products and technology to help you take your patient care to the next level.

The Orange County Convention Center is located adjacent to Orlando’s tourist district with a variety of dining and entertainment options for the whole family. With over 100+ attractions across the city and seven of the world’s top theme parks, Orlando is unlike any other destination, full of unforgettable experiences waiting for you to explore.

We invite you to join us at Academy 2019 Orlando and 3rd World Congress of Optometry where you will leave feeling energized, reinvigorated, and inspired. We look forward to seeing you there!

About the American Academy of Optometry

The American Academy of Optometry enhances excellence in optometric practice by fostering research and disseminating knowledge in vision science through its journal, Optometry and Vision Science, and the continuing education presented at its annual meeting. Fellows of the Academy are committed to the premise that learning is a lifelong obligation of a professional, as is the commitment to expand the profession’s knowledge base through ongoing fellowship and exchange. For more information, visit www.aaopt.org.

About the World Council of Optometry (WCO)

The WCO’s vision is of a world where optometry makes high quality eye health and vision care accessible to all people. To achieve its vision, the WCO’s mission is to facilitate the development of optometry around the world and support optometrists in promoting eye health and vision care as a human right through advocacy, education, policy development and humanitarian outreach. Having celebrated its 90-year anniversary in 2017, the WCO now collectively represents more than 200,000 optometrists in more than 60 countries through almost 300 affiliate, country, corporate and individual memberships across six world regions. The WCO is the only optometric body in official relations with the World Health Organization. For more information, visit http://worldcouncilofoptometry.info/.
## SCHEDULE AT A GLANCE

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<tr>
<th>Time</th>
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<th>Thursday, October 24</th>
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<td>Residency and Graduate Program Fair</td>
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## Main Registration Hours

**Tuesday**
1 to 8 pm

**Wednesday**
6:30 am to 7 pm

**Thursday**
7 am to 6 pm

**Friday**
7 am to 5 pm

**Saturday**
7 am to 2 pm

**Sunday**
7 to 10 am

## Satellite Registration Hours
*(Hyatt Regency Orlando and Rosen Plaza Hotel)*

**Tuesday**
6:30 am to 8 pm

**Wednesday**
6:30 am to 9 am

**Thursday**
6:30 am to 9 am
Registration Opens May 6, 2019

Beginning May 6, 2019, you can register online and call 321-319-4860 (844-323-3937 toll free) with questions. Once you register for the meeting, you will receive a link by email that will allow you to make your hotel reservations. Pick up your registration materials in the convention center or satellite registration kiosks at the Hyatt Regency Orlando or Rosen Plaza Hotel. See schedule at a glance for full hours.

Special offer for first time international attendees!

If you reside outside of the United States and this is your first Academy meeting, you qualify for member registration rates. Early bird registration rates will expire on August 23, 2019 at 5:00 PM EST.

FULL CONFERENCE

**PRICING INFORMATION**

<table>
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<tr>
<th>MEMBER RATES</th>
<th>Early Bird (Through 8/23)</th>
<th>Regular (After 8/23 to 10/20)</th>
<th>Onsite (After 10/20)</th>
<th>Exhibit Hall Access</th>
<th>CE Session Access</th>
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<th>Social Events</th>
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**PRICE INCLUDES**

- Exhibits Hall Access
- CE Session Access
- CE Credit Reported
- Social Events

**NONMEMBER RATES**

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1-DAY ONLY

**MEMBER RATES**

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<th>Early Bird (Through 8/23)</th>
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<th>Exhibit Hall Access on Day(s) Purchased</th>
<th>CE Session Access on Day(s) Purchased</th>
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**NONMEMBER RATES**

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**EXHIBIT HALL PASS**

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Fees include all educational programming except workshops and leadership courses (additional fees apply) and except where noted. Banquet tickets are not included with the registration fee and can be purchased for an additional $25; all other general food functions included in the registration fee.

Cancellation Policy

All cancellation requests must be received in writing. For a full refund less a $25 fee, cancellation requests must be received by August 30, 2019. Any requests received between August 31, 2019 and September 26, 2019 will receive a full refund less 25%. No refunds will be issued after September 26, 2019.

Member Benefits

Fellows, Candidates for Fellowship and student/resident members save significantly on registration fees! Not a member? Visit www.aaopt.org to learn more.

*Students who graduated in 2019 and residents who finished their program in 2019 are still eligible to register at respective student or resident registration rates in 2019.

OD Residents Needed

Current residents of an optometric program can sign up to receive compensation in exchange for working 4 or 8 hours at the meeting for the Lectures & Workshops Committee. Residents will introduce speakers, monitor CE attendance and assist the committee in other various tasks. For more information, contact Ewa Koguciuk at EwaK@aaoptom.org.
Orlando, Florida

The City Beautiful

Given Orlando’s claim to fame – Theme Park Capital of the World® – most visitors travel to Orlando to experience the incredible theme parks and attractions, but there’s much more for you to enjoy while you’re in town!

From casually sipping wine to checking out a rock band at a live venue, Orlando provides attendees with nearly unlimited nighttime opportunities. You can see live music performances at the House of Blues at Disney Springs™ and Hard Rock Live at Universal CityWalk®. Or discover a modern, big-city nightlife scene in downtown Orlando that includes dozens of dance clubs, bars, restaurants, and live music venues.

Orlando is also a culinary hot spot with new award-winning restaurants and celebrity chefs, such as Wolfgang Puck, Todd English and Chef Morimoto that cater to visitors from across the globe. With over 5,000 restaurants you’ll find an extensive menu from fine dining and international eateries to casual cafes and chic wine bars. There’s something for every taste or budget.

Within an hour drive of Orlando is Cape Canaveral – home of the Kennedy Space Center and hub of the nation’s human space program. Florida’s Space Coast also offers fine beaches, an increasingly popular cruise ship port, the nearby Brevard Zoo and picturesque beachside restaurants. In addition to being home to more pro golfers than any other city in the world, Orlando was voted the “North American Golf Destination of the Year” by the International Association of Golf Tour Operators. And with a multitude of stunning courses designed by the likes of Nicklaus, Dye, and Fazio, Orlando offers attendees an exclusive golfing experience not found anywhere else.

Whether you are seeking to reconnect with childhood nostalgia or testing your sense of adventure with endless outdoor activities, Orlando is sure to provide you with an unforgettable experience.
**Contracted Hotels**

The Academy has contracted with seven hotels to offer attendees conference rates in hotels near the convention center and tourist district. The Orlando International Airport (MCO) is approximately a 15-minute car ride to the convention center area. For assistance booking housing (registration required prior to calling) please call Orchid Events at 1-866-365-1113 (International: +1-801-505-4139).

**NOTE:** The Academy aims to offer contracted hotel rates to all registered attendees. We ask that you please do not make two hotel reservations as this takes away room availability from other attendees.

1. **Doubletree by Hilton Hotel Orlando at SeaWorld® (Government Hotel)**
   10100 International Drive, Orlando, FL 32821
   Single and Double: $189/night (non-government)
   Single and Double: $152/night or prevailing GPD** for government employees

2. **Fairfield Inn & Suites Orlando at SeaWorld®**
   10815 International Drive, Orlando, FL 32821
   Single and Double: $174/night

3. **Hyatt Regency Orlando (Headquarters Hotel)**
   9801 International Drive, Orlando, FL 32819
   Single and Double: $255/night
   Additional $5 per night and per room resort fee*

4. **Rosen Centre Hotel**
   9840 International Drive, Orlando, FL 32819
   Single and Double: $220/night
   Triple and Quadruple: $240/night

5. **Rosen Inn at Pointe Orlando**
   9000 International Drive, Orlando, FL 32819
   Single/Double/Triple/Quad: $115/night

6. **Rosen Plaza Hotel**
   9700 International Drive, Orlando, FL 32819
   Single and Double: $210/night

7. **Springhill Suites Orlando at SeaWorld®**
   10801 International Drive, Orlando, FL 32821
   Single and Double: $179/night

*A discounted resort fee of $5.00 per room, per night will be added to the guestroom rate. This fee covers several amenities (subject to change) which include Fitness Center Access (fitness classes, pool activities, and bike rental), two (2) I-Ride Trolley tickets, local & 800 calls, incoming and outgoing faxes, 10% discount on spa treatments and merchandise, and two (2) bottled waters per day.

**Note that this is a government per diem (GPD) rate hotel, and as such the rate can change as of October 1, 2019. The rate listed above is based on per diem rates approved through September 30, 2019. Meeting attendees must show Government ID to receive the special per diem rate. Please note that while the Academy works to secure as many government rate rooms as possible, there are a limited number available at this rate.
**All CE, All The Time™**

Earn up to 42 hours of CE credit! Our motto All CE, All the Time™ means CE is available for all lectures, workshops, Section and Special Interest Group (SIG) symposia, and some special events.

**Lectures and Workshops**

Engage with the most cutting-edge speakers and researchers in the field with over 450 hours of lectures to choose from!

- Rapid Fire sessions have been planned to offer fast-paced, captivating talks in 12-minute increments.
- No need to register for individual courses. Every lecture is open to all registered participants on a first come/first served basis. Room attendants will scan your badge upon entering each course.
- Hands-on workshops are available at an additional charge. You must be registered for the meeting on the day of the workshop to enroll in a workshop.
- CEE courses will be offered each day. Information on CEE examinations will be available at the Education Desk onsite.
- COPE and Continuing Education and Training (CET) approval pending.

**Section and SIG Symposia**

Symposia feature the most knowledgeable and respected lecturers. See the course track description pages for more information.

**Scientific Program Papers and Posters**

Learn about the latest in research and accumulate credit in fifteen-minute increments throughout the paper and poster sessions. Scientific and clinical education posters offer a visual presentation of cutting edge research, instructive case reports, clinical education and clinical trials. Scientific and clinical education papers offer cutting edge research presented in 15-minute lectures.

**Submit an Abstract**

You can be a part of the program! The Scientific Program and WCO submission windows will be open from May 1 to May 31, 2019 at 5 PM ET. Read more online at www.aaopt.org/2019.
Fellows of the American Academy of Optometry are invited to attend Diplomate Preparatory Courses hosted by the Academy’s various Sections. Courses will provide COPE-approved CE as well as information and guidance to assist in preparing for the Diplomate examination.

**TUESDAY, OCTOBER 22**

**Binocular Vision, Perception and Pediatric Optometry Section**

8:00 AM to 5:00 PM - $165 before 8/23 and $225 after 8/23

The morning program will discuss pediatric information processing diagnosis and treatment, and pediatric pharmacology for anterior segment. The afternoon program will discuss advanced strabismus topics. Speakers are Drs. Marie Bodack, Christine Allison, Kelly Frantz, and Erin Jenewein. Register for AM, PM or both.

**Low Vision Section**

8:00 AM to 4:00 PM - $165 before 8/23 and $225 after 8/23

Topics covered will include functional independence measure in vision rehabilitation, optics review, technology, ocular disease, and decreased contrast sensitivity. Speakers are Drs. Rebecca Kammer, Kierstyn Napier-Dovornay, Naida Jakirlic, Bill O’Connell, and Marlena Chu.

**Public Health and Environmental Vision Section**

8:00 AM to 5:45 PM - $165 before 8/23 and $225 after 8/23

This program will cover the history of public health, ethics, prevention, epidemiology and biostatistics, health care policy, tropical diseases, quality assurance, public health law, environmental vision, and health care systems. Speakers are Drs. Debbie Hettler, Satya Verma, Kevin Jackson, Stanley Hatch, Lisa Jones-Jordan, Michael Radoiu, Barbara Cohn, Sandra Block, Jeffrey Weaver, Brian Hatch, Stephen Dain, and Richard Hom.

**Section on Cornea, Contact Lenses and Refractive Technologies**

11:00 AM to 4:00 PM - $82 before 8/23 and $112 after 8/23

The program will discuss gas permeable lenses, a review of corneal anatomy and physiology, and advanced scleral lens fitting. Speakers are Drs. Clarke Newman, Jan Bergmanson, and Melissa Barnett.

**WEDNESDAY, OCTOBER 23**

**Comprehensive Eye Care Section**

2:00 to 5:00 PM

This session will discuss contact lens correction of astigmatism, binocular and accommodative disorders and low vision rehabilitation in a primary care setting. Speakers are Drs. John Laurent and Kristin Anderson.

**Optometric Education Section**

1:00 to 3:00 PM

This session will provide an overview of the Diplomate program and preparation for the exam. Speaker is Dr. Marlee Spafford.

**THURSDAY, OCTOBER 24**

**Anterior Segment Section**

9:00 AM to Noon

This session will cover topics of pathogens of corneal infections, anterior segment disease, and ocular inflammation. Speakers are Drs. Aaron Bonner, A. Mika Moy, Nicholas Colatrella, and Jeffrey Varanelli.

**FRIDAY, OCTOBER 25**

**Glaucoma Section**

9:00 AM to Noon

This session will cover the role of the macula in glaucoma management, as well as understanding the impact of glaucoma on everyday life. Speakers are Drs. Michael Sullivan-Mee and Dawn DeCarlo.

**What is a Diplomate?**

Approximately 6% of Fellows of the American Academy of Optometry have been recognized for their extensive skill in their research or practice area. Fellows can become Diplomates in any of the eight Academy Sections.

**Sections**

- Anterior Segment
- Binocular Vision, Perception, and Pediatric Optometry
- Comprehensive Eye Care
- Cornea, Contact Lenses and Refractive Technologies
- Glaucoma
- Low Vision
- Optometric Education
- Public Health and Environmental Vision
**SPECIAL EVENT**

**Ezell Fellows Present: Public Health / Epidemiology Potpourri**

8:00 to 10:00 AM

This year marks the 10th anniversary of the Ezell Fellows Present program, where three former AAOE Ezell Fellowship recipients at different stages of their careers share their research. Included in this session will be discussions on anterior segment infectious eye disease and US national health datasets used to assess vision impairment. *Speakers will be Nicole Carnt, BOptom, PhD, FAAO, Charlotte Joslin, OD, PhD, FAAO, and Dean VanNasdale, OD, PhD, FAAO.*
### SPECIAL EVENT

**Plenary Session: Today’s Research, Tomorrow’s Practice**

**WHO World Vision Report: Opportunities for Optometry to Make an Impact**

**10:00 AM to Noon**

This year the World Health Organization (WHO) will release a World Vision Report on the distribution of eye disease and blindness across the globe and the disease burden these eye conditions pose on nations and regions. Additionally, the human resource requirements of eyecare providers needed to address this public health crisis will be covered. Optometry, specifically the session speakers, played an instrumental role in developing the report. They will discuss the findings and their implications for optometry internationally and for North America respectively. The keynote speaker from WHO will give attendees an overview of the organization’s efforts to tackle the extensive disease and blindness burdens on society throughout the world and where optometry fits into this effort. **Speakers include Kovin Naidoo, OD, PhD, FAAO, Sandra Block, OD, MPH, FAAO, and a speaker from the WHO.**

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| NO-01 | Patrick Modica, Mathews Bodner | Visual Pathway: Dissection, Diagnostic and Management Tools |
| PS-01 | Nancy Wong, Nicolas Beaupre | OCT Multi-Modal Imaging: Angiography and Enhanced Depth |
| NO-02 | Trenton Cleghorn | Management of Optic Nerve Edema |
| PS-02 | Maria Walker, Jennifer Hartihan, Melissa Barnett, Chandra Moides | Rapid Fire: The Dry Eye Management Map: Navigating OSD in 2019 |
| OP-01 | Jane Grogg | Oral Medications for the Optometrist: Who, What and When |
| PS-03 | Carlo Pelosi | Identifying True Ocular Emergencies of the Posterior Pole |
| PS-04 | Brad Sutton, Julie Rodman | OCT and OCTA: The Optometrist’s MREye Without the IV |
| PS-05 | Kunyoshi Kanai | Diabetic Retinopathy: An Update in the Anti-VEGF Era |
| PS-06 | Anna Bedwell | Fundus Autofluorescence: Applications for Clinical Practice |

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**Dr. Kovin Naidoo**

**Dr. Sandra Block**
SPECIAL EVENT

Monroe J. Hirsch Research Symposium:
Gene Therapy for Ocular and Neurologic Disorders
8:00 to 10:00 AM

Named in honor of Dr. Monroe J. Hirsch, each year the Academy’s Research Committee creates a program that keeps communication open between scientific discovery and clinical patient care. Contemporary issues in gene therapy will be discussed including Leber’s Congenital Amaurosis, animal models of glaucoma, and Leber’s Hereditary Optic Neuropathy. **Speakers will include Stephen Russell, MD, Abbott Clark, PhD, and Byron Lam, MD.**
OTHER EVENTS (NO CE)

Student Focus Exhibit Hall Hours
10:00 to 11:30 AM

Lunch in Exhibit Hall
11:30 AM to 1:30 PM

Student & Resident Awards Lunch
Noon to 1:00 PM

Public Health and Environmental Vision Section Awards and Henry B. Peters Lecture
5:30 to 6:30 PM

Essilor Academic Challenge at Academy Stadium
8:00 to 10:00 PM

SCIENTIFIC PROGRAM EVENT

Evening Poster Special Event

4:30 – 6:30 PM

On Thursday, posters can be viewed in a single evening session combined with a cocktail hour. A complimentary drink is included with meeting registration. Plan to stop by for some CE before heading out to dinner!
Comprehensive Eye Care Section Symposium: Diplomates Present Grand Rounds
9:00 to 11:00 AM
This symposium seeks to highlight complex case studies presenting to the comprehensive eye care practitioner. Topics will be pertinent to all eye care providers with attention to anterior segment, posterior segment, and neuro-ophthalmic disease. The symposium aims to address how the comprehensive eye care provider can improve patient care to prevent vision loss and blindness. Fellows interested in becoming a Comprehensive Eye Care Diplomate are strongly encouraged to attend. The moderator is Hal Bohlman, OD, FAAO, and the speakers include Stephanie Klemencic, OD, MS, FAAO, Daniella Weller, OD, FAAO, Bisant Labib, OD, FAAO, Tina Porzukowiak, OD, FAAO.

Glaucoma Section Symposium: Exploring the Intersection of Glaucoma and Dry Eye Disease
10:00 AM to Noon
Glaucoma and dry eye disease are both common and visually significant chronic diseases that have a significant impact on quality of life. Often the two conditions exist concurrently, especially when the patient with glaucoma is on multiple topical ophthalmic medications that utilize preservatives that alter the ocular surface and lead to symptoms of discomfort. This is a vicious cycle that should be considered by each primary care optometrist when managing and co-managing patients with glaucoma. There are new glaucoma medications and formulations of older medications that are becoming available to help address these issues in glaucoma patients. This symposium will highlight the intersection of dry eye disease and glaucoma and talk about ways to concurrently manage the two to improve the quality of life in patients. It will also cover some of the new glaucoma medications, including how and when to implement them. The moderator is Austin Lifferth, OD, FAAO, and the speakers include C. Lisa Prokopich, OD, Michael Chaglasian, OD, FAAO, and Elizabeth Muckley, OD, FAAO.

Low Vision Section Symposium: The Promises and Challenges of Electric Head-Mounted Video Devices in Vision Rehabilitation
10:00 AM to Noon
We have now had electronic head-mounted video devices for use in low vision rehabilitation for nearly 25 years. Many technological innovations have been developed as the products have evolved, yet they still make up a relatively small portion of vision assistive equipment used in the field. This session’s presenters have impressive and varied credentials and experience working with these devices. They will offer insights into the challenges of creating truly useful head-mounted technology, a look at the history and future of these devices, and share experiences of a low vision rehabilitation professional who uses head-mounted video technology himself. The moderator is David Lewerenz, OD, FAAO, and the speakers include Eli Peli, MSc, OD, FAAO, Robert Massof, PhD, FAAO, and Thomas Theune, OD, FAAO.

Optometric Education Section Symposium: Instructional Tools for Cognition and Self-Regulated Learning
1:30 to 3:30 PM
Participants of the paired workshop will leave with an outline of specific tools that can be used in a variety of educational settings to enhance self-regulated learning. Implementation of deliberate practice interventions and a framework for student support will be reviewed. Additionally, an opportunity to participate in hands-on application of the tools will be provided. Attendance at the Section symposium is required to participate in this workshop. Speakers include Jayne Josephsen, EdD, RN, CCCTM, and Ann Butt, EdD, RN, CNE.

Vision in Aging SIG Symposium: Neurodegeneration and the Aging Eye: Role of Eye Care Professionals in Early Management and Care for Patients with Progression
1:30 to 3:30 PM
Neurodegenerative diseases such as Alzheimer’s diseases, Parkinson’s disease and dementia are on the rise and creating a substantial public health burden. Currently, detecting these conditions requires invasive and expensive testing, and often they are detected too late after irreversible changes have occurred in the brain. Researchers are discovering that there are biomarkers in the eye, most notably the retina, that can detect neurodegenerative conditions less invasively, and at its earlier stages. Eye care professionals are on the forefront of possibly being able to detect these conditions at their earliest stages in the eye, which could lead to more effective treatment and reduced progression of cognitive impairment. The moderator is John Kaminski, OD, FAAO, and the speakers include George Jackson, MD, PhD, Jessica Alber, PhD, Albert Woods, MS, OD, FAAO, and Kelly Malloy, OD, FAAO.

AMCO SIG Symposium: Whoops! An Evaluation of Cases That Might Not Have Gone the Way You Wanted
1:30 to 3:30 PM
The objectives of this symposium are to identify adverse outcomes associated with medical error, to modify behavior and judgment based on previous experiences, and to prevent repetition of errors leading to complications. Conferences are non-punitive and focus on the goal of patient care. They are particularly important for identifying system issues (e.g., outdated policies, changes in patient identification procedures, arithmetic errors, etc.) that affect patient care. Speakers include Christine Sindt, OD, FAAO, Dennis Siemsen, OD, FAAO, and James Hoekel, OD, FAAO.

**FRIDAY SYMPOSIA**

**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**

*8:00 to 10:00 AM*

This course discusses how to implement the recently released ISO guidelines in contact lens practice as well as how to prevent transmission of in-office pathogens. The moderator is Louise Scifani, OD, FAAO, FLSL, and the speakers will be Ed Bennett, OD, MSEd, FAAO, Christine Sindt, OD, FAAO, FLSL, Jennifer Harthan, OD, FAAO, FLSL, Carole Lakkis, PhD, FAAO, and Laura Periman, MD.

**Retina SIG Symposium: State of Macular and Retinal Degenerative Disease**

*10:00 AM to Noon*

This course discusses various macular diseases commonly encountered, such as age related macular degeneration, diabetic macular edema, central serous chorioretinopathy, vitreomacular macular traction, epimacular membrane, and macular holes. Learners will be presented with information in regards to diagnosis, management, and follow-up protocols. Utilization and application of imaging and diagnostic technologies such as optical coherence tomography and OCT angiography (OCT-A) and other diagnostic techniques will be discussed. The moderator is Mohammad Rafieetary, OD, FAAO. Speakers include John Randolph, MD, and Richard Hamilton, MD.

**Neuro-ophthalmic Disorders in Optometry SIG: The Lawrence Gray Memorial Symposium: Clinical Neuro-ophthalmic and Neuroradiologic Correlates**

*10:00 AM to Noon*

This program will utilize the skills of an optometrist, neuro-ophthalmologist, and neuro-radiologist to examine patients needing neuro-imaging with insight into the proper testing needed, how to optimize the management through imaging, and interpretation of the ordered testing. Blind cases will be presented and a neuro-radiologist will interpret the neuro-imaging on the spot. The moderator is Joseph Sawka, OD, FAAO, and the speakers include. Erin Draper, OD, FAAO, Eric Eggenberger, DO, and Daniel Broderick, MD.

**Binocular Vision, Perception and Pediatric Optometry Section and Nutrition, Disease Prevention and Wellness SIG Joint Symposium: Beyond the Basics: Vision Disorders and Wellness Factors in Patients with Concussion**

*2:00 to 4:00 PM*

This symposium will feature speakers involved in the cutting-edge concussion research that impacts the visual system including topics of vestibular-ocular disorders, convergence insufficiency, and other eye movement disorders. Additionally, the symposium will dedicate time to current research on issues concerning the overall health and wellness of our patients with concussion. The moderators are Tawna Roberts, OD, PhD, FAAO, and Christine Winter-Rundell, OD, FAAO. Speakers include John Leddy, MD, Anne Mucha, DPT, MS, NCS, Tara Alvarez, PhD, and Gerald Grant, MD.

**Anterior Segment Section Symposium: Rosacea, Ocular Rosacea, and MGD: A Review and New Treatments**

*2:00 to 4:00 PM*

This course discusses how to implement the recently released ISO guidelines in contact lens practice as well as how to prevent transmission of in-office pathogens. The moderator is Louise Scifani, OD, FAAO, FLSL, and the speakers include John Randolph, MD, and Richard Hamilton, MD.

**Vision Science SIG Symposium: Augmented and Virtual Reality for Vision Science**

*4:00 to 6:00 PM*

In addition to being a powerful tool for gaming and entertainment, augmented reality (AR) and virtual reality (VR) hold promise as exciting tools for learning more about the visual system, helping us function in the everyday world, and potentially assisting patients with visual and cognitive disorders. While it is now possible to use AR/VR to explore new research directions, current AR/VR instruments also pose challenges associated with vision, human and engineering factors. The goals of this session will be to discuss some of these challenges and present current research and technological advances in AR/VR. Invited speakers from academia and industry will present their work and provide their perspectives on visual, human, and engineering factors to consider when developing and using AR/VR, as well as new opportunities for its application to the visual system. The moderator is Jason Porter, PhD, FAAO, FARVO, and the speakers include Martin S. Banks, PhD, Ben D. Sawyer, PhD, Marina Zannoli, PhD, and David Luebke, PhD.
FRIDAY, OCTOBER 25 (CONTINUED)

8 AM

SS-08 Louise Sclafani, Ed Bennett, Christine Sott, Jennifer Harthan, Carole Leikos, Laura Pettman
Section on COLOIT Symposium: New Games and New Rules: Interpreting the RO Guidelines to Safeguard Our Contact Lens Practice and OSD Patients

GO-15 Elizabeth Stalas
Disc Driven: What’s New, and a Little Review

GO-16 Kimberly Poirier-Schmidt, Sherry Bas
The Ins and Outs of Stratification Management in Primary Care Practice

GO-17 Eri Janawati, Siva Mayappan
Utilizing Prism in the Primary Care Practice

9 AM

CL-11 Tiffany Andrijapese, Lindsay Sicks
Nuts & Bolts of Fitting the Irregular Cornea

SS-09 Mohammad Rafieetary, John Randolph, Richard Hamilton
Retina SIG Symposium: Stages of the Macular and Retinal Degenerative Disease

PH-04 Matthew Presner
Overweight and Obese as an Optometric Concern

10 AM

CL-11 Chad Rosen, Joshua Litchky
A Case for Specialty Contact Lenses

GO-16 Jamine Yuoni, Xiao Yu
Quantifying Patient Symptoms and Treatment Outcomes: Implementing Surveys into Clinical Practice

11 AM

CL-12 Josh Nadaire, Ed Bennett
Contact Lenses Induced Red Eyes

GO-18 Glen Bailey
Managing Digital Device Use in Young Children

NOON

Lunch in Exhibit Hall (11:30 AM to 1:30 PM)

SPECIAL EVENTS

Fry and Prentice Lectures
8:00 to 9:00 AM

This session will feature lectures from both the 2019 Charles F. Prentice Award recipient and the 2019 Glenn A. Fry Award recipient. These individuals have been selected as top optometrists and/or vision scientists for their advancements of knowledge in vision science.

American Academy of Optometry and American Academy of Ophthalmology Joint Symposium
10:00 AM to Noon

The American Academy of Optometry will once again partner with the American Academy of Ophthalmology to provide a symposium that will be presented at Academy 2019 Orlando and the American Academy of Ophthalmology annual meeting. This joint program is part of continued efforts between the organizations to collaborate for enhanced patient care.
**Other Events (NO CE)**

**Joint World Council of Optometry and American Academy of Optometry International Reception**

*7:30 to 9:00 PM*

The American Academy of Optometry and World Council of Optometry invite all attendees from outside North America to attend a special reception. Special awardees will also be recognized by both the World Council of Optometry and the International Association of Contact Lens Educators.

**Blood Drive**

*10:00 AM to 5:00 PM*

**Lunch in Exhibit Hall**

*11:30 AM to 1:30 PM*

**Residency and Graduate Program Fair**

*Noon to 3:00 PM*

**Alumni Receptions**

*7:30 PM to 9:00 PM*

**Australia Party**

*Co-sponsored by the American Academy of Optometry and the Brien Holden Vision Institute*

*9:00 PM to 1:00 AM*
SPECIAL EVENT

World Council of Optometry President’s Forum: Optometry’s Role in Addressing the Changing Face of Technology, Public Health and Clinical Care

8:00 AM to Noon (No CE, Invitation Only)

This invitation-only event provides a platform wherein the highest level of decision makers and key partners of our profession come together to discuss the current development of optometry and the desired impact that it envisages in the broader health agenda across the world. With the new direction of the World Health Organization towards universal health coverage and competencies, the focus of the forum will be to discuss how optometry can play a large role with the changing face of health care.

OTHER EVENTS (NO CE)

Residents Lunch
Noon to 1:15 PM

Residents Day Reception
3:30 PM to 4:30 PM

New and Emeritus Fellows Reception
6:15 PM to 7:00 PM

Cash Bar Reception
6:15 PM to 7:00 PM

Joint World Council of Optometry and American Academy of Optometry Gala Dinner and Awards Ceremony
7:00 PM to 10:00 PM

Black tie optional. To celebrate the international flavor of this joint meeting, attendees are encouraged to wear traditional outfits from their country. Ticket required ($25).
SYMPOSIUM


1:00 to 3:00 PM

This symposium will explore the impact of organized optometry on the ability of specific countries and regions around the world to reduce vision impairment and prevent vision loss among their citizens. We will discuss the education and personnel resources necessary to affect such improvements, as well as the legal and professional hurdles that need to be overcome. Following a brief presentation from each presenter, we will invite the audience to participate with questions and comments.

Moderators: Karl Citek, OD, PhD, FAAO, and Bina Patel, OD, FAAO. Speakers: Kovin Naidoo, OD, PhD, FAAO, Shehzad Naroo, MSc, PhD, FAAO, Hector Santiago, OD, PhD, FAAO, Peter Hendicott, MAppSc, Sandy Block, OD, MPH, FAAO, and Meng Meng Xu, OD, FAAO.
## POSTERS

### World Council of Optometry Posters

**9:00 to 11:00 AM**

1:00 to 3:00 PM

This session will feature approximately 100 posters from presenters from around the world. Posters will be available for viewing from 8:00 AM to 5:00 PM, but presenters will be available during the hours listed above.
Global Summit on Optometric Education
10:00 AM to Noon

Co-sponsored by the World Council of Optometry, American Academy of Optometry, and Association of Schools and Colleges of Optometry

This session will provide educators from optometric educational programs from around the globe the opportunity to share education philosophies/teaching methods and to discuss challenges facing institutions. The session will begin with a review of the status of optometric education worldwide with an emphasis on strengths and opportunities. Our commitment to enhance and improve optometric education across the world will materialize in a program that strengthens educator skills, supports curricula development and facilitates access to a broad range of educational materials and approaches used successfully by schools of optometry across the world. Break-out discussion sessions will cover topics of common interest and engage participants to discuss, mobilize and advance educational resources leading to improved patient care. Faculty and administrators of optometry programs from across the globe are invited to attend and contribute to this critically significant discussion.

WCO Annual General Assembly
5:00 to 7:00 PM

At this event the new WCO President will be inaugurated and the committee chairs and new board of directors will be introduced. Country members are invited to discuss and vote on decisions regarding the organization and reports of previous and future activities will be presented. All members and interested parties are invited to attend.

WCO Committee Meetings

Observers are welcome to attend the World Council of Optometry’s various committee meetings.
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<th>Exhibiting Companies*</th>
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*(as of March 25, 2019)
Exhibit Hall Lunches and Receptions

Attendees will receive complimentary lunch in the exhibit hall on Thursday and Friday (11:30 AM to 1:30 PM). In addition, join us for the Welcome Reception on Wednesday from 5:00 to 7:00 PM, and the Attendee Reception on Thursday from 5:30 to 6:30 PM for complimentary refreshments.

Vision Theater

Join us in the Vision Theater on the exhibit hall floor on certain days/times during the meeting for presentations from our exhibitors and corporate partners. No cost to attend, no CE provided.

Essilor Academic Challenge at Academy Stadium

**Thursday, October 24, 8:00 to 10:00 PM**

The Essilor Academic Challenge held at Academy Stadium in Orlando will determine which school has what it takes to be crowned the champion. Academic teams from the schools and colleges of optometry will compete against each other in an entertaining environment to see which team has what it takes to win the coveted title. Attendees will also be invited to join the afterparty to celebrate the winning team!

Eyes of the World Mosaic

Join us in the exhibit hall for an interactive “Eyes of the World” art project based upon a work of art originally created during the 2017 Women’s March in NYC in the name of equality for all. The mural, carrying the international message of the importance of vision and optometry, will be donated to a new school of optometry in the developing world. All attendees are invited to help create this permanent work of art which will forever offer a visual reminder of the significance of sight. The support for this important project is generously sponsored by:

- American Academy of Optometry
- Luxottica
- State University of New York College of Optometry
- Brien Holden Vision Institute
The Armed Forces Optometric Society (AFOS) will be holding its annual AFOS/AAO Meeting prior to the Academy 2019 Orlando program beginning the evening of Monday, October 21 and running all day Tuesday, October 22. This event includes a full day of continuing education designed for optometrists in federal service optometry (Air Force, Army, Navy, Veterans Affairs, Public Health and Indian Health Services). Service-specific breakout sessions allow optometrists to meet with their specific service specialty leaders and to discuss current issues facing their specific branch. Additionally, there will be opportunities for attendees to attend hands-on workshops and wet labs, interact with fellow federal service optometrists and colleagues such as at the evening AFOS 2019 Awards Reception. Attend the AFOS meeting for excellent continuing education, camaraderie, an innovative exhibit hall, and much more. AFOS welcomes all interested in federal service optometry to attend as well. Register for the AFOS/AAO Bundle and plan on attending both meetings! For more information visit the AFOS website at www.afos2020.org or contact Dr. Lindsay Wright at lwright@afos2020.org.

The Merton C. Leadership InSight® Program is designed to help you build your leadership skills and realize your full potential. Add these courses to your meeting registration!

**FUNDAMENTALS OF LEADERSHIP – PART I: What is Leadership?**
Wednesday, October 23
1:00 PM to 4:00 PM

Part I of this course will focus on the topics such as definitions of leadership, the differences between leadership and management, traits and characteristics of leadership, individual strengths, different leadership styles and using leadership to influence organizational culture. Additional fee: $50 ($10 for students)

**FUNDAMENTALS OF LEADERSHIP – PART II: Putting Leadership into Action**
Thursday, October 24
8:00 AM to 11:00 AM

This course will focus on Kotter’s model of leadership and how to use it to establish a vision, align people to that vision, and motivate them to stay with the vision. The course will also include a discussion of how communication can be used to support leadership efforts. Additional fee: $50 ($10 for students)

**INTERMEDIATE LEADERSHIP COURSE**
Thursday, October 24
1:30 PM to 4:30 PM

The Academy is pleased to partner with AFOS to offer bundled registration for both the Academy and the AFOS meetings (Fellowship Banquet tickets not included). Rates listed include the full conference unless otherwise noted.

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<th>Regular (After 8/23 to 10/20)</th>
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The American Academy of Optometry Foundation (AAOF) awarded more than $450,000 in scholarships, fellowships, grants, and residency awards last year. Contributions to the Foundation during Academy 2018 San Antonio totaled more than $225,000. Your investment in the AAOF supports the advancement of optometric research and education in vision and eye health to improve clinical patient care.

Join us at Academy 2019 Orlando to Support the Future of Optometry

- Donate when you register for the meeting
- Designate your speaker honorarium as a donation to the AAOF
- Learn more about our funds by visiting our website at www.aaopt.org/aaof

Meet and Support your 2019 Ezell Fellows at the Foundation Booth

Stop by the AAOF booth and meet the Ezell Fellows – our future academic leaders. Discuss their cutting-edge science and learn why your generous giving is so important in aiding new optometric talent in achieving great things. While you are there, donate or pledge to support the future of optometric research and education.

AAOF Celebration Luncheon

Saturday, October 26
11:00AM – 1:30PM

Join the AAOF in Orlando as we celebrate the accomplishments of the 2019 recipients and announce the newest President Circle and Ezell Club members. It is also a time of appreciation for our donors and sponsors who make the Foundation a leading supporter of optometric education and research.

Donations to the AAOF are tax deductible to the fullest extent allowed by the US Internal Revenue Service.
**Academy Fellows Business Meeting**

**Wednesday, October 23, Noon to 1:00 PM**

Academy Fellows are invited to join us for an update on Academy operations, membership, and financials. Lunch will be served for the first 100 Fellows who RSVP (invitation forthcoming). Seating will also be available for those who wish to attend but do not need a lunch.

**Blood Drive**

**Friday, October 25, 10:00 AM to 5:00 PM**

Give back to the Orlando community while you’re at the meeting! The Academy will host a blood drive during the meeting. More information and sign-up opportunities will be provided to registrants before the meeting.

**Joint American Academy of Optometry and World Council of Optometry International Reception**

**Friday, October 25, 7:30 to 9:00 PM**

The Academy and the WCO invite all international attendees to attend this welcome reception! WCO and the International Association of Contact Lens Educators (IACLE) will both present their 2019 awardees at this event.

**Australia Party**

**Friday, October 25, 9:00 PM to 1:00 AM**

Hosted by the Brien Holden Vision Institute and the American Academy of Optometry. Enjoy great live music and as always, the Foster’s will be flowing!
Our CE is completely open to students—you’re not confined to a student only track! Take this opportunity to network with the best in optometry and to learn more about specialty topics that will help you make decisions about your career in the field.

**STUDENT EVENTS**

**Student Fellowship Program**
Distinguish yourself by becoming a Student Fellow. Sign up when you register for the meeting.

**Student Evening with Industry**
*Wednesday, October 23, 5:00 – 7:00 PM*
Join us for dinner and to learn more about our corporate partners.

**Special Student Focus Exhibit Hall Hour**
*Thursday, October 24, 10:00 – 11:30 AM*
Students will have a special opportunity to meet and network with exhibitors in attendance as well as participate in a chance to win a variety of exciting prizes.

**Student & Resident Awards Lunch**
*Thursday, October 24, Noon – 1:00 PM*
This luncheon will honor the best student scientific program presenters from Academy 2018 San Antonio and the 2019 student and resident travel fellowship recipients.

**Residency & Graduate Program Fair**
*Friday, October 25, Noon - 3:00 PM*
Designed for students to learn more about various residency and graduate programs. Staff from schools and programs will be available to answer questions.

**Resident Events**

**Resident/Practitioner Networking Event**
*Friday, October 25, 4:00 – 5:30 PM*
Network with practitioners from the US and abroad looking to hire residency trained ODs in the near future. RSVP required – look for your invitation this summer.

**Residents Day**
*Saturday, October 26*
8:00 AM – Noon (papers) and 1:30 – 3:30 PM (posters)
Residents Day is a forum where residents have the opportunity to present their interesting case reports or the results of their research projects! The submission window will be open in August 2019.

**Residents Day Luncheon**
*Noon – 1:15 PM*
Enjoy this opportunity to meet and network with residents from other programs.

**Residents Day Reception**
*3:30 – 4:30 PM*
Celebrate the end of Residents Day by enjoying complimentary refreshments and mingling with your peers.

**Student and Resident Travel Fellowships**
Students who have been accepted as poster/paper presenters are eligible to apply for a travel fellowship of $750 (limited number available). The application window will be open July 2 – 31, 2019. Please check the Academy’s website for updates on student travel fellowships. Only applicants with an accepted abstract to the annual meeting will be considered for the majority of these travel fellowships, so be sure to submit your abstract May 1–31 at the Academy’s website. All applicants MUST be Academy members. Residents are eligible to apply for a limited number of resident travel fellowships from August 1 – 27, 2019. Residents are not required to have an accepted paper/poster to be eligible for a travel fellowship.
Our meeting is open to everyone (not just members)!