



TODAY'S RESEARCH,
TOMORROW'S PRACTICE®



Program Preview

Wednesday – Saturday

November 12-15, 2014

Colorado Convention Center



AMERICAN ACADEMY
of OPTOMETRY

Alcon®

The Academy thanks ALCON for their generous support of this Program Preview.

Schedule at a Glance

	Tuesday, November 11	Wednesday, November 12	Thursday, November 13	Friday, November 14	Saturday, November 15
6:30 AM					
7 AM		6:45 - 7:45am Product Info Breakfasts	6:45 - 7:45am Product Info Breakfasts	6:45 - 7:45am Product Info Breakfasts	6:45 - 7:45am Product Info Breakfasts
8 AM		8 - 11am Fundamentals of Leadership Part I	8 - 11am Fundamentals of Leadership Part II	8 - 10am Awards Program	8am - Noon Education
9 AM		8 - 10:30am Press Conference	8 - 10am Hirsch Memorial Research Symposium	10am - Noon Ezell Fellows Present	8am - Noon Residents Day Papers
10 AM		8am - Noon Education	8am - Noon Education	8am - Noon Education	8am - Noon Education
11 AM			9 - 11am Student Event in Exhibit Hall	11am - 4pm Student Net-working Lunch	11am - 1:30pm AOF Luncheon
12 PM		6:30am - 7pm Registration	11am - 5pm Hall Open Exhibit Use your voucher for lunch in the exhibit hall!	11am - 4pm Hall Open Exhibit Use your voucher for lunch in the exhibit hall!	11am - 1:30pm AOF Luncheon
1 PM		8am - 6pm Section Diplo-mate Prepara-tory Courses	1:30 - 4:30pm Education	2pm - 4pm Resident Edu-cation Event	1:30 - 3:30pm Residents Day Posters
2 PM		Noon - 2pm Plenary Lunch Session	Noon - 1:45pm Resident Interview Skills Lunch	2 - 6pm Education	3:30 - 4:30pm Residents Day Reception
3 PM		2 - 5pm Education	1:30 - 4:30pm Intermediate Leadership		
4 PM		5 - 6:30pm Student Reception	4 - 5:30pm Resident/Practitioner Networking Event		
5 PM		5 - 7:30pm Exhibit Hall Welcome Reception	4 - 6pm Evening Poster Special Event		
6 PM			6 - 7pm AAO Business Mtg. I	6 - 7pm AAO Business Mtg. II	6:15 - 7pm New Fellow/Emeritus Fellow Reception
7 PM		7 - 9pm CE Symposium		7:30 - 9pm Alumni Receptions	7 - 10pm Fellowship Banquet
8 PM				7:30 - 9pm International Attendee Reception	
9 PM				9pm - 1am Australia Party	
10 PM					
11 PM					

President's Letter

Dear Colleagues,

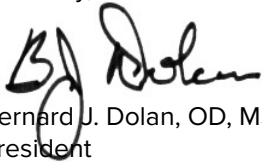
Academy 2014 Denver will be the optometry and vision science event of the year! Join us for clinically relevant scientific sessions with papers and posters on state-of-the-art practices, superb education taught by leading clinicians and researchers, unique symposia by Sections and Special Interest Groups (SIGs) focused on current clinical topics, and enjoyable social events where you can catch up with your friends and colleagues.

Our Academy's annual meeting provides practitioners and scientists with a diverse mix of groundbreaking research in optometry and vision science and high-quality educational programs. Discover all that Academy 2014 Denver has to offer! You can choose from over 250 hours of lectures & workshops, fourteen Section and SIG symposia, hundreds of scientific papers and posters, and exciting social events. Our Plenary Lunch session is titled, "Today's Research, Tomorrow's Practice®: The Science of Cannabinoids: Medical Perils and Benefits." This session promises to offer registrants intriguing, research-based information regarding the medical value and risks of cannabinoids.

This year's extensive exhibit hall will comprise more than 200 booths displaying our exhibitors' innovative products and services. The Colorado Convention Center is located in the heart of downtown Denver. You'll be just steps away from many dining and entertainment options. Please look over this program preview and note all the wonderful events planned for this upcoming meeting.

I look forward to seeing you at Academy 2014 Denver!

Sincerely,



Bernard J. Dolan, OD, MS, FAAO
President



P.S. Stop by our Academy membership booth in the exhibit hall (# 437) to learn more about becoming a Candidate for Fellowship. The application fee is waived if you submit your application during the meeting. That's a savings of \$60!

Why should you attend Academy 2014 Denver?

- **Get the CE Credits You Need**

Obtain up to 37 hours COPE-approved CE credit, all in one meeting! We've designed our program so you don't have to pre-register for courses in advance or pay per credit hour.

- **Enhance Your Practice**

Stay up to date on techniques and practices to improve your level of patient care. Whether you're a new graduate or a seasoned practitioner, this meeting provides the critical information you need.

- **Network and Connect**

From the exhibit hall to the exciting social events, this meeting offers a host of opportunities to build your network of fellow clinicians, vision scientists, and industry professionals.

- **Be on the Cutting Edge**

Our program lineup includes top-notch scientific research as well as practical and clinically relevant information. The exhibit hall also allows you to access the latest optometric products and technology.

- **Explore All That Denver Has to Offer**

Denver offers adventure, natural wonders and world-class dining and shopping options. Bring your family and enjoy some leisure time along with your education!

Registration

Academy 2014 Denver Registration Opens June 4, 2014

You can register online at <http://www.aaopt.org>. Call 321-710-EYES(3937) with any questions.

Once you register for the meeting, you will receive a link to Passkey that will allow you to make your hotel reservations. Until September 9, you must register for the meeting prior to making hotel reservations.

Please note that badges and registration materials will not be mailed out in advance of the meeting. Pick up your registration materials in the Colorado Convention Center beginning at 1:00 PM on Tuesday, November 11.

Full 4-Day Rates:				1-Day Rates:					
	By Sept 9	After Sept 9	Onsite		By Sept 9	After Sept 9	Onsite		
MEMBERS	Fellows/Candidates* (B)	\$435	\$485	\$535	MEMBERS	Fellows/Candidates* - Wed, Thurs, or Fri	\$235	\$260	\$270
	Honorary/Emeritus* (B)	\$110	\$110	\$110		Fellows/Candidates* - Saturday	\$135	\$160	\$170
	Life* (B)	\$0	\$0	\$0		OGS/All Day Wednesday* (Member)	\$235	\$260	\$270
	Student/Resident/Librarian*	\$50	\$75	\$85		OGS/Wednesday Morning* (Member)	\$0	\$0	\$0
	OGS/Academy 2014 Denver* (B)	\$435	\$485	\$535					
NONMEMBERS	Optometrists/Vision Scientists*	\$760	\$810	\$860	NONMEMBERS	Optometrists/Vision Scientists* - Wed, Thurs, or Fri	\$275	\$300	\$310
	Student/Resident/Librarian*	\$100	\$125	\$135		Optometrists/Vision Scientists* - Saturday	\$175	\$200	\$210
	OGS/Academy 2014 Denver*	\$760	\$810	\$860		OGS/All Day Wednesday*	\$275	\$300	\$310
	Guest (Nonmember)	\$95	\$145	\$145		OGS/Wednesday Morning*	\$0	\$0	\$0
Exhibit Hall Only:				OGS=Optometric Glaucoma Society Member					
	By Sept 9	After Sept 9	Onsite	*Fees include all educational programming except workshops and leadership courses. Banquet included only where noted (B); all other food functions included in the registration fee.					
Exhibits Only – 1 Day (Nonmember)	\$35	\$85	\$85	All cancellation requests must be received in writing. For a full refund less a \$25 fee,					
Exhibits Only – 3 days (Nonmember)	\$100	\$150	\$150						

OGS=Optometric Glaucoma Society Member

*Fees include all educational programming except workshops and leadership courses. Banquet included only where noted (B); all other food functions included in the registration fee.

All cancellation requests must be received in writing. For a full refund less a \$25 fee, cancellation requests must be received by October 5, 2014. Any requests received between October 6 and October 25, 2014 will receive a full refund less 25%. No refunds will be issued after October 26, 2014.

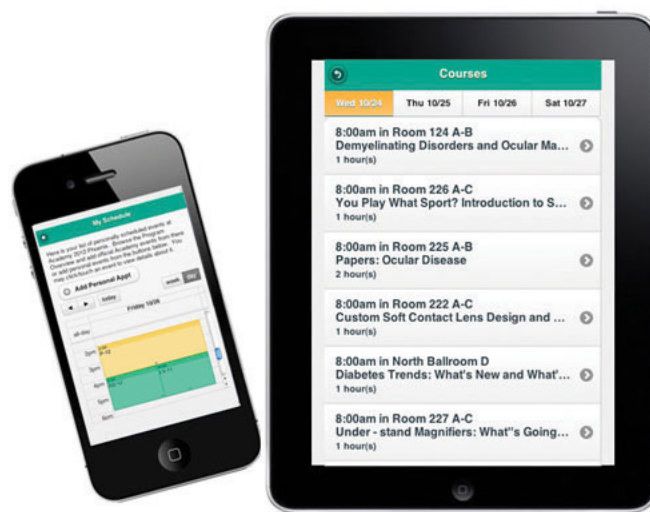
Member Benefits Fellows and Candidates for Fellowship save \$325 on registration! Student and resident members can receive the best continuing education for only \$50. Not a member? Visit www.aaopt.org to submit your membership application today.

EyeMAP™ (Meeting Activities Planner)

Use the EyeMAP™ program to create and manage your personal schedule during Academy 2014 Denver. EyeMAP™ allows you to:

- Browse all available lectures, workshops, papers and posters, and special events
- Add sessions and personal appointments to your schedule
- Access session handouts before and during the meeting
- Complete session evaluations
- Find information about the city of Denver
- Locate exhibitors in the Exhibit Hall

EyeMAP™ can be accessed online via your computer, smartphone or tablet (no app download required). Please log-in using the same username and password combination you used to register for the meeting.



Complimentary wireless Internet will be provided in the Colorado Convention Center. No printing will be available onsite. However, all lecture materials and other important information will be made available online prior to the meeting. A copy of the electronic files will also be included in the registration packet.

Denver – Urban sophistication meets outdoor adventure!

In Denver, 300 days of sunshine, a thriving art and cultural scene, diverse neighborhoods, and the Rocky Mountain backdrop combine for the world's most spectacular playground.

Denver is as laid-back as it is sophisticated. It's a place where engineers rub elbows with rock climbers at local brewpubs, at art festivals, or while strolling along downtown's 16th Street pedestrian mall. Free shuttles give visitors quick access to world-class art and culture, wine bars, restaurants, and nighttime entertainment and music in Larimer Square or historic LoDo.

One trip is all it takes to fall in love with this great city!



Hotels for Academy 2014 Denver

The Academy has contracted with seven hotels to offer attendees conference rates in hotels near the convention center. Please note that Denver International Airport (DIA) is the closest airport to the Colorado Convention Center—it is approximately 25 miles away and a 45 minute travel time. There are several ways to get from the airport to the convention center including Denver's Regional Transportation District's shuttle service called "skyRide" (\$5 one way). Taxis are also readily available (approximately \$56 from DIA to the convention center area).

1. Hyatt Regency Denver (Headquarters Hotel)

650 15th Street, Denver, CO 80202
Single and Double: \$209/night; Triple: \$234/night; Quad: \$259/night

2. Crowne Plaza Denver (Government & Student Hotel)* **

1450 Glenarm Place, Denver, CO 80202
Single and Double: \$156/night; Triple: \$166/night; Quad: \$176/night

3. Denver Marriott City Center

1701 California Street, Denver, CO 80202
Single and Double: \$203/night; Triple: \$223/night; Quad: \$243/night

4. Embassy Suites Denver Downtown

1420 Stout Street, Denver, CO 80202
Single and Double: \$209/night; Triple: \$224/night; Quad: \$239/night

5. Grand Hyatt Denver

1750 Welton Street, Denver, CO, 80202
Single and Double: \$203/night; Triple: \$228/night; Quad: \$253/night

6. Hilton Garden Inn Denver Downtown (Student Hotel)**

1400 Welton Street, Denver, CO 80202
Single and Double: \$149/night; Triple: \$159/night; Quad: \$169/night

7. Hotel Teatro

1100 14th Street, Denver, CO 80202
Single/ Double/ Triple/ Quad: \$199/night



* Note that this is a government per diem rate hotel, and as such the rate can change as of October 1, 2014. The rate listed above is based on per diem rates approved through September 30, 2014. Meeting attendees must show Government ID or current Student ID at check-in 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 only a limited number available at this rate.

** Meeting attendees must show current Student ID at check-in to receive the contracted group rate.



All CE, All the Time®!

Earn 37 hours of Continuing Education credit at Academy 2014 Denver! All CE, All the Time® means COPE-approved CE is available for all lectures, workshops, section symposia, and Academy special events, such as the plenary session.

Lectures and Workshops

Learn from the best in the profession! Over 250 hours of lectures to choose from!

- No need to register for individual courses. Every lecture is open to all registered participants on a first come/first served basis.
- 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. Register early – popular hands-on classes fill quickly.
- COPE approval pending.
- CEE (TQ) courses will be offered each day. Examinations will be e-mailed to those who request them.

Section and SIG Symposia

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

Scientific Program

Learn about the latest in research at the Academy's Scientific Program. 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. A full list of Scientific Program presenters and topics will be provided online at www.aaopt.org.

Evening Poster Special Event

Thursday, November 13, 4:00 – 6:00 PM

On Thursday, posters are limited to a single evening session combined with a cocktail hour including a complimentary drink with meeting registration. Plan to stop by for some CE before heading out to dinner! This is a great way to catch up on some of the latest research that will be shaping our profession in the years to come.

Hybrid Paper and Poster Sessions

These joint paper and poster sessions bring together the best laboratory and clinical scientists to discuss and debate new developments in vision research. CE credit is available in 15-minute increments for all Scientific Program content.

Lectures Offered as CEE

Wednesday, November 12, 2014		
Time	Course	Lecturer(s)
8:00 AM	A Logical Approach to Differential Diagnosis of Peri-orbital Skin Lesions	Thomas Freddo
10:00 AM	Eyes That Dance and Eyes That Can't	Richard London
2:00 PM	The Many Faces of Multiple Sclerosis	Patricia Modica, Kelly Malloy
3:00 PM	Optic Nerve: Edema, Itis, Opathy	Denise Goodwin
Thursday, November 13, 2014		
10:00 AM	Laser Procedures for the Management of Glaucoma and More	Nathan Lighthizer
1:30 PM	Systemic Evaluation of the Red Eye	Thomas Freddo
2:30 PM	Controversies in Nutrition: Sorting through the Literature	Kimberly Reed
3:30 PM	New Contact Lens, Surgical and Medical Management Options for Keratoconus	Timothy Edrington, Pam Satjawatcharaphong
Friday, November 14, 2014		
8:00 AM	Diabetes Nation: Where Are We and Where Do We Go From Here?	Paul Chous, Jeffry Gerson
9:00 AM	Critical Assessment of the Optic Nerve in Glaucoma	Elliot Kirstein
10:00 AM	The Complete Management of the Corneal Collagen Crosslinking (CXL) Patient	Susan Gromacki, Andrew Morgenstern
2:00 PM	Genetics in Posterior Segment Disease	Sherry Bass, Jerome Sherman, Jerry Rapp
3:00 PM	Visual Fields: An Interactive Approach	Kelly Thomann, Nancy Wong
Saturday, November 15, 2014		
9:00 AM	Neuro Grand Rounds - How to Rule Out a Cranial Nerve Palsy	Kelly Malloy
10:00 AM	Diabetes and the Eye: What We Must Know	William Townsend
12:30 PM	From Outdated to Updated: A Review of Important Clinical Trials in Ocular Disease from 2014	Anthony DeWilde
2:30 PM	Corneal Infections from A to Z (Acanthamoeba to Zoster)	Joseph Shovlin, Michael DePaolis



Monroe J. Hirsch Research Symposium

Mechanisms of Presbyopia Correction – Beyond Benjamin Franklin



Dr. Stephen McLeod



Dr. Paul Kaufman



Dr. Susana Marcos

Thursday, November 13, 8:00 – 10:00 AM

Each year the Academy's Research Committee creates a program that is aimed at keeping "an avenue of communication open" between what is happening in scientific discovery and how that can be translated into clinical patient care. Speakers conducting basic, optical and clinical research will present advances in understanding the underlying mechanism and cutting-edge treatments for presbyopia include Stephen McLeod, MD, Paul Kaufman, MD, and Susana Marcos, PhD.

Ezell Fellows Present:

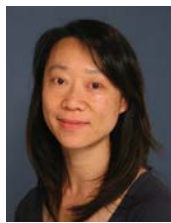
A Sampler of Current Low Vision Research



Dr. Robert Massof



Dr. Tom Raasch



Dr. Susana Chung



Dr. Brad Dougherty

Friday, November 14, 10:00 AM - Noon

This session will showcase three investigators at different stages of their careers, who each pursued doctoral research training, during which they received and were encouraged by Ezell Fellowship support. Speakers Robert Massof, PhD, FFAO, Tom Raasch, OD, PhD, FFAO, Susana Chung, OD, PhD, FFAO, and Bradley Dougherty, OD, PhD, FFAO, will tell us about their special areas of expertise in low vision rehabilitation research. We will learn about meaningful measures of low vision interventions, about plasticity of the visual system with central retinal lesions, and about factors that contribute to road safety in bioptic drivers. Join us to hear about these three important areas of low vision research.

Plenary Session: Today's Research, Tomorrow's Practice®

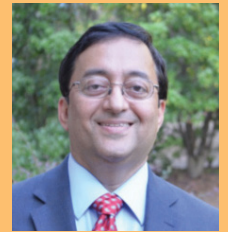
The Science of Cannabinoids: Medical Perils and Benefits



Dr. Allan Flach



Dr. Staci Gruber



Dr. Prakash Nagarkatti

Wednesday, November 12, Noon – 2:00 PM

This luncheon session promises to offer registrants an intriguing, research-based symposium that highlights our evolving recognition of the medicinal value and risks of cannabinoids.

Allan J. Flach, MD, PharmD, is a Professor of Ophthalmology at the University of California in San Francisco. Dr. Flach was a member of the California Research Advisory Panel for two decades prior to the FDA approval of Marinol (delta 9 tetrahydrocannabinol) for medical use. He will emphasize current research and potential benefits of cannabinoids for treatment of ocular disease, including the historical reference for glaucoma therapy.

Staci Gruber, PhD, is the Director of the Cognitive and Clinical Neuroimaging Core at McLean Hospital's Brain Imaging Center and an Associate Professor of Psychiatry at Harvard Medical School. Dr. Gruber's clinical and research focus is the application of neurocognitive models and multimodal brain imaging to better characterize neurobiological risk factors for substance abuse and psychopathology with THC, particularly disruptions of the frontal network.

Prakash Nagarkatti, PhD, is currently the Vice President for Research at the University of South Carolina. He oversees the \$238 million research enterprise at USC, which is recognized as the only university in the state of SC to receive Carnegie Foundation's highest research ranking. Dr. Nagarkatti has published extensively in high impact journals on marijuana cannabinoids and their role and efficacy in the treatment of inflammatory diseases and cancer.

Special Events Continued

Merton C. Flom

Leadership InSight™ Program

Sponsored by
Alcon®

Under the leadership of Mert Flom, OD, PhD, twenty-eight optometrists, representing different segments of the profession, met from 1991 to 1994 to consider the rapid changes taking place in optometry. With his passing in February 2010, the profession and the Academy lost a giant in optometry. In memory of him and his inspiration to us all, the Academy was proud to name the program in his honor. This year marks the twentieth year that Leadership InSight™ courses will be offered at our annual meeting.

FUNDAMENTALS OF LEADERSHIP – PART I: What is Leadership?

Instructors:

Rick Weisbarth, OD, FAAO
David Kirschen, OD, PhD, FAAO
Muriel Schornack, OD, FAAO
Ray Pasko, BS, MBA
Lindsay Sicks, OD, FAAO
Harue Marsden, OD, MS, FAAO
Julie Schornack, OD, MEd, FAAO

Wednesday, November 12th

8:00 am – 11:00 am

\$50 fee (Students \$10)

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, and using leadership to influence organizational culture. Part I of this course also discusses individual strengths and different leadership styles.

Enrollment is limited to 50 people.

FUNDAMENTALS OF LEADERSHIP – PART II: Putting Leadership into Action

Instructors:

Karla Zadnik, OD, PhD, FAAO
Sally Dillehay, OD, EdD, FAAO
Imran Khan, OD, MPH, FAAO
Linda Casser, OD, FAAO

Thursday, November 13th

8:00 am – 11:00 am

\$50 fee (Students \$10)

Building upon the foundation of Part I of this course, Part II will examine the real world aspects of leadership and how to put leadership into action.

Note: Part I of this course is strongly recommended prior to taking Part II. If you have taken the Fundamentals of Leadership Course previously, Part II will also be a valuable refresher on how to actively practice leadership in everyday situations.

Enrollment is limited to 50 people.

INTERMEDIATE LEADERSHIP COURSE: Achieving a Higher Level of Leadership – Would YOU Want to Work for YOU™? Inspire Loyalty, Drive Employee Performance, and Become the Leader You Want to Be

Instructor:

Brenda Bence, MBA, CSP, ICF-Certified Executive Coach

Thursday, November 13th

1:30 to 4:30 pm

\$75 fee (Students \$20)

Through this hands-on and practical workshop, you will walk away with simple yet powerful tips, tools, and techniques that you can apply immediately as an optometry professional to get better results and achieve greater productivity from the people you lead.

Enrollment is limited to 50 people.

Awards Program & Lectures

Friday, November 14, 8:00 – 10:00 AM

You are invited to attend the Awards Program where the most deserving optometrists and vision scientists are honored for their research and dedication to the profession. Celebrate these highly regarded recipients as they receive prestigious awards from the Academy.

The Glenn A. Fry and Charles F. Prentice Award recipients will give presentations on their research findings. Continental breakfast will be provided. One hour of CE credit can be earned by attending both hours of the program.

Product Information Breakfasts

Join us again this year at Product Information Breakfasts at 6:45 AM every day at the meeting. The Academy provides continental breakfast to attendees, and companies share latest information on their products and services to help your practice thrive. No cost to attend, no CE provided. The schedule and locations will be included in the registration packet onsite.

Don't miss the Australia Party!

Friday, November 14, 9:00 PM

Hosted by the Brien Holden Vision Institute and the American Academy of Optometry.

Enjoy great live music and as always, the Fosters will be flowing!

TREATMENT & MANAGEMENT OF OCULAR DISEASE: ANTERIOR SEGMENT

Wednesday, Nov. 12	Thursday, Nov. 13	Friday, Nov. 14	Saturday, Nov. 15
8-10 AM A Logical Approach to Differential Diagnosis of Peri-orbital Skin Lesions <i>Thomas Freddo</i>	9-10 AM Sutureless Amniotic Membranes: When and How to Use Them <i>Nicholas Colatrella, Jeffrey Varanelli</i>	8-9 PM Thought Provoking Cases in Anterior Segment <i>A. Mika Moy, Christina Wilmer</i>	9-10 AM Medical and Surgical Treatment of Chalazia <i>Aaron McNulty</i>
2-3 PM Ectropion-Entropion: A Tale of a Lax Lid <i>Leonid Skorin</i>	11 AM-12 PM The Corneal Dystrophies <i>Barry Weissman</i>	10-11 PM HSV, HZO, EKC: Viral Eye Disease Alphabet Soup <i>Nathan Lighthizer</i>	10 AM-12 PM New Diagnostic and Management Modalities of Dry Eye <i>Brooke Messer, Jason Jedlika, Scott Hauswirth</i>
	3:30-5:30 PM New Contact Lens, Surgical and Medical Management Options for Keratoconus <i>Timothy Edrington, Pam Satjawatcharaphong</i>	2-3 PM Red, Green or Yellow: Understanding Ocular Surface Staining <i>Ety Bitton</i>	12:30-2:30 PM Anterior Segment Disease: Treatment and Co-management <i>Alan Kwok, Michelle Hessen</i>
			2:30-4:30 PM Corneal Infections from A to Z (Acanthamoeba to Zoster) <i>Joseph Shovlin, Michael DePaolis</i>

Anterior Segment Section Symposium: Meibomian Gland Dysfunction: Expert Perspectives on Diagnostic and Therapeutic Considerations of One of the Most Common Pathologies in Eye Care

Wednesday, November 12

10:00 AM - Noon

This course reviews updated information related to MGD and its effect on patients' dry eye symptoms and performance. Updated research from a consortium of individuals has given us new and insightful knowledge about this disease state. Experts from various aspects of eye care gather together during this presentation to review the etiology, diagnosis, and treatment strategies behind dry eyes' worst enemy.

Speakers include Walt Whitley, OD, MBA, FFAO; Amber Gaume Giannoni, OD; Caroline Blackie, OD, FFAO; Barry Eiden, OD, FFAO; and Donald Korb, OD, FFAO.

CONTACT LENSES

Wednesday, Nov. 12	Thursday, Nov. 13	Friday, Nov. 14	Saturday, Nov. 15
8-9 AM Scleral Lens Troubleshooting and Complications Management <i>Stephen Byrnes, Michael Ward</i>	9-10 AM Corneal Reshaping - Improving Patient Outcomes <i>Bruce Morgan, Craig Norman</i>	2-3 PM Contact Lens Discomfort – How to Resolve Today <i>Donald Korb</i>	8-9 AM Analysis of Ocular Measurements and Scleral Lens Fitting Techniques <i>Chad Rosen, Josh Lotaczky</i>
9-10 AM Corneal Oxygen 2014 <i>Barry Weissman</i>	10-11 AM Practical Problem-Solving of Red Eye in the CL Patient <i>Thomas Quinn</i>	5-6 PM Ocular Prosthetics Grand Rounds <i>Sunny Sanders, Brett Larson</i>	9-10 AM Scleral Lens Fitting Pearls: Case Presentations <i>John Petrowski</i>
10 AM-12 PM Contact Lens Treatments for Myopia Control: Emerging Evidence-Based Practices <i>Kathryn Richdale, David Troilo</i>	11-12 PM Effective Myopia Control in Clinical Practice <i>Patrick Caroline, Edward Chow</i>		10-11 AM Myopia Control for the Busy Practitioner <i>Diana Nguyen, Karen Lee, Harue Marsden</i>
2-3 PM Understanding Eye Shape <i>Patrick Caroline, Randy Kojima</i>	1:30-2:30 PM Scleral Lenses for Really Sick Eyes <i>Lynette Johns</i>		11 AM-12 PM Solving the Presbyopia Puzzle: 5 Tips for Multifocal Lens Success <i>Amy Dinardo, Craig Norman</i>
3-4 PM Beyond the Corneal Borders <i>Lynette Johns, Eef van der Worp</i>	2:30-4:30 PM Managing Presbyopia with Contact Lenses 2014 <i>Douglas Benoit, Edward Bennett</i>		12:30-1:30 PM Bitoric Bonanza <i>Annie Chang, Dawn Lam</i>
4-5 PM Strategies for Improving Your Success with Multifocal Soft Contact Lenses <i>Mark André</i>	4:30-5:30 PM Understanding the Basic and Not-So-Basic Essential Tips in Fitting Scleral Lenses <i>Langis Michaud, Daniel Brazeau</i>		1:30-2:30 PM Multifocal Contact Lenses - New Thoughts, New Understandings <i>Matthew Lampa</i>
			2:30-3:30 PM Clinical Considerations and Contact Lens Management of the Boston Keratoprosthesis <i>Amy Nau, Scott Drexler</i>
			3:30-4:30 PM Scleral Lens Applications for Normal Corneas <i>Stephanie Woo</i>

Section on Cornea, Contact Lenses & Refractive Technologies Symposium: Keratoconus - Lasers, Lenses & Boomerangs!

Friday, November 14

3:00 – 6:00 PM

(Concludes with Section Awards Ceremony)

This symposium will feature a ride through the rough and tumble world of the keratoconus patient – from definitive diagnosis and management, through complex contact lens fitting of rigid and soft lens designs, to the newest corneal procedures including corneal crosslinking (CXL) procedures. And finally, we will look at some quandaries about the disease itself – is the tissue slipping or splitting, and does keratoconus recur, and if so, how? *Speakers include Jan Bergmanson, OD, PhD, FFAO; Susan Gromacki, OD, MS, FFAO; Patrick Caroline, FFAO; and William Tullo, OD, FFAO*

Looking for the Preliminary Education Grid? It will be available online at www.aaopt.org as details are finalized. A final Education Grid will also be provided in the registration packet onsite.



Courses

BINOCULAR VISION/PEDIATRICS

Wednesday, Nov. 12	Thursday, Nov. 13	Friday, Nov. 14	Saturday, Nov. 15
8-9 AM Special Populations: Tips and Pearls to Evaluate and Treat <i>Catherine Heyman</i>	9-10 AM Traumatic Brain Injury: Understanding TBI and Why It Matters to the Optometrist <i>Jennifer Gustafson</i>	2-3 PM Ocular Motility Potpourri <i>Richard London</i>	8-9 AM Optometric Insights and Therapeutic Interventions for Cortical Visual Impairment <i>Curtis Baxstrom</i>
9-10 AM Management of Nearpoint Vergence Disorders <i>Kelly Frantz</i>	10-11 AM The Imposter: Recognizing Ocular Disease in Kids <i>Rachel Coulter, Erin Jenewein</i>	3-5 PM The Struggling Student: 4 Case Types <i>John Tassinari, Eric Borsting</i>	9-11 AM Current Strategies for Amblyopia Management: Glasses, Patches, Drops and More <i>Kristine Hopkins</i>
10 AM-12 PM Eyes That Dance and Eyes That Can't <i>Richard London</i>	11 AM-12 PM Update on Systemic Ocular and Neural Complications of Premature Birth <i>Wendy Marsh-Tootle</i>		2:30-3:30 PM How to Successfully Manage 7 Typical Pediatric Neuro-ophthalmologic Conditions <i>James Hoekel</i>
2-4 PM Sports Vision Grand Rounds <i>Graham Erickson, Fraser Horn</i>	1:30-2:30 PM Does My Patient Need Vision Therapy? Questions to Ask, Tests to Do <i>Glen Steele</i>		
4-5 PM Sports Concussions and Neuro-Optometric Management <i>Valerie Wren</i>	2:30-4:30 PM The ABC's and 123's of Refractive Error Management for Infants and Toddlers <i>Tawna Roberts, Carmen Barnhardt</i>		
	4:30-5:30 PM Peds Jeopardy! 2014 <i>Katherine Weise</i>		

Binocular Vision, Perception & Pediatric Optometry Section Symposium: Affordable Care Act

Friday, November 14

10:00 AM - Noon

This symposium covers the Affordable Care Act (ACA) and specifically the requirement in the ACA for comprehensive eye examinations for all children and the impact it will have on optometry as a whole and pediatric optometrists in particular. *Speakers include Bonnie Strickland, PhD; Eva Marie Stahl, PhD; and Joe Tuschner, MPP.*

GLAUCOMA

Wednesday, Nov. 12	Thursday, Nov. 13	Friday, Nov. 14	Saturday, Nov. 15
4-5 PM Shining a New Light on the Macula: Its Emerging Role in Glaucoma <i>Michael Sullivan-Mee</i>	10 AM-12 PM Laser Procedures for the Management of Glaucoma and More <i>Nathan Lighthizer</i>	9-11 AM Critical Assessment of the Optic Nerve in Glaucoma <i>Elliot Kirstein</i>	8-10 AM Evidence Based Management of Secondary Glaucoma <i>Edward Chu</i>
	2:30-3:30 PM Rethinking Gonioscopy: New Concepts of Angle Closure Glaucoma <i>Anthony DeWilde</i>	11 AM-12 PM Clinical Cases in the Management of Ocular Hypertension <i>Andrew Rixon</i>	10-11 AM Cases in Normal Tension Glaucoma Management: Point-counterpoint Discussion <i>Brett King, Victor Malinovsky</i>
		5-6 PM OCT in Glaucoma: Interpretation Progression and Management <i>David Hicks</i>	12:30-1:30 PM Photos vs OCT: Does Old Technology Still Play a Role in Glaucoma Management? <i>Carl Jacobsen</i>

OGS/AAO Joint Symposium

Wednesday, November 12

8:00 AM - 10:00 AM

Advances in Structure/Function Assessment in Glaucoma

10:00 AM - Noon

New Ideas in Glaucoma

Speakers include Ted Garway-Heath, MD, FRCOphth; Steven L. Mansberger, MD, MPH; and Donald C. Hood, MSc, PhD.

Glaucoma SIG Symposium: The Implementation of Optical Coherence Technology (OCT) in Managing Glaucoma

Thursday, November 13

3:30 - 5:30 PM

Learn about the implementation of Optical Coherence Technology (OCT) in managing glaucoma. Each panelist will address one of the three following topics with clinical cases and support from peer-reviewed literature in glaucoma: basic principles and variants of OCT technology, image interpretation of OCT, and clinical function of OCT. *Speakers include Jane Ann Grogg, OD, FAAO; John Samples, MD; and Michael Sullivan-Mee, OD, FAAO.*

JURISPRUDENCE

Wednesday, Nov. 12	Thursday, Nov. 13	Friday, Nov. 14	Saturday, Nov. 15
3-5 PM Florida Jurisprudence <i>Joseph Sowka, Barry Frauens</i>	9-11 AM Prevention of Medical Errors <i>Joseph Sowka, Barry Frauens</i>		3:30-4:30 PM Preventing Employee Litigation: Hiring, Firing, Discrimination and Harassment <i>Pamela Miller</i>
	1:30-2:30 PM The Dilation Dilemma <i>Robert Dister, Michael Harris</i>		

GENERAL OPTOMETRY

Wednesday, Nov. 12	Thursday, Nov. 13	Friday, Nov. 14	Saturday, Nov. 15
4-5 PM Today's Visual Demands: Yesterday's Eye Exam <i>Mark Rosenfield</i>	9-10 AM Ocular Imaging: Recognizing What You See, Managing What You Diagnose, and Preventing Progression Through Patient Engagement <i>Khadija Shahid, Bernard Szirth</i>	11 AM-12 PM Imaging in Ocular and Orbital Trauma <i>Christian Thompson, Valerie Sharpe</i>	8-10 AM Women: Are We at Risk for Vision Morbidity? <i>Louise Sclafani, Diana Shechtman, Lori Glover, Melissa Barnett</i>
	1:30-3:30 PM Update on Mental Health Conditions <i>David Bright</i>	11 AM-12 PM Evaluation of the Angle and Anterior Segment Disorders via OCT <i>Robert Dunphy</i>	11 AM-12 PM High Quality Care with Low Tech Equipment <i>Christopher Cordes</i>
	2:30-4:30 PM Controversies in Nutrition: Sorting through the Literature <i>Kimberly Reed</i>	3-5 PM Visual Fields: An Interactive Approach <i>Kelly Thomann, Nancy Wong</i>	12:30-1:30 PM Prescribing for the Hyperopic Child <i>Raymond Chu, Yin Tea</i>
	4:30-5:30 PM When Primary Care and Binocular Vision Collide <i>Kimberly Kohne, Don Lyon</i>	4-6 PM Optometric Issues with Head-Mounted Displays <i>Eli Peli</i>	12:30-2:30 PM From Outdated to Updated: A Review of Important Clinical Trials in Ocular Disease from 2014 <i>Anthony DeWilde</i>
		5-6 PM Assessing Fitness to Drive: Past, Present and Future <i>Mark Wilkinson</i>	1:30-2:30 PM Controlling the Visual Experience by Utilizing Fixed Corridor Progressive Lens Systems <i>Dennis Fong</i>
			1:30-3:30 PM Pediatric Potpourri: What Every Primary Care OD Should Know <i>Susan Cotter, Erin Jenewein</i>
			3:30-4:30 PM Digital Lens Update -- What's New in Ophthalmic Digital Lenses <i>Dennis Fong</i>

Optometric Education Section Symposium: Point/Counter Point: Does Presentation Style Make a Difference in Outcomes? (Do Different Learning Styles Exist?)

Wednesday, November 12

10:00 AM - Noon

Recently, educators have been using innovative techniques to make their teaching student-centric. The term "learning styles" refers to the concept that individuals differ in regard to what mode of instruction or study is most effective for them. Proponents of learning-style assessment contend that optimal instruction requires diagnosing individuals' learning style and tailoring instruction accordingly. *Speakers include Jill Clutter, PhD and Hal Pashler, PhD.*

Primary Care Section Symposium: Primary Care of the Posterior Segment

Thursday, November 13

10:00 AM - Noon

This 2 hour symposium is a rapid-fire exchange of up-to-date information regarding the management of posterior segment ocular disease. The topics are: vitreo-retinal disease, retinal vascular occlusion update, AMD pathobiology and prevention, evidence-based management of posterior segment disease, posterior segment imaging, plaquenil screening guidelines, diabetic retinopathy, and a retina surgery co-management update. *Moderator: Christopher Lievens, OD, MS, FFAO. Speakers include Megan Hunter, OD, FFAO; Rex Ballinger, OD, FFAO; Blair Lonsberry, MS, OD, FFAO; and Mohammed Rafieetary, OD, FFAO.*

Academic Medical Center Optometrists SIG Symposium: Issues at Academic Medical Centers

Wednesday, November 12

2:00 – 4:00 PM

What do academic medical center optometrists most want to learn about? Experts present the latest in compensation derivations, and how to teach optics to ophthalmology residents. *Speakers include Tom Becker, Vice President, Integrated Healthcare Strategies; and David Guyton, MD.*

Vision in Aging SIG Symposium: Vision in Aging Grand Rounds: Multidisciplinary Health Care and Insights

Saturday, November 15

10:00 AM - Noon

Older adults are the fastest growing segment of our society. Caring for the older patient requires a multi-disciplinary approach of clinical expertise to address the multiple co-morbidities, social issues, stability of function and health as well as maintenance of independence. This is a symposium with a difference. Two typical but complex cases will be presented, and a geriatrician, pharmacist, nutritionist and optometrist will describe their management of each case and their insights on the issues raised. *Speakers include Susan Leat, OD, FCOptom, FFAO; Kendra Sheppard, MD, MSPH, CMD; Carlos Rojas-Fernandez, BSc, PharmD; Laura Newton, MEd, RD, LD; Mark Swanson, OD, FFAO, MSPH; and John Kaminski, OD, FFAO.*



Courses

LOW VISION

Wednesday, Nov. 12	Thursday, Nov. 13	Friday, Nov. 14	Saturday, Nov. 15
8-9 AM The Implantable Miniature Telescope for End-Stage AMD: Current Updates Related to Optometry <i>Rebecca Kammer</i>	9-10 AM Customizing the Reading Experience for the Low Vision Reader <i>Guadalupe Mejia</i>	2-3 PM Low Vision Examination Techniques for the Child Under Age 5 <i>Michael Fischer</i>	8-9 AM Incorporating Occupational Therapy into Your Low Vision Rehabilitation Practice <i>John Rundquist</i>
9-10 AM Should Junior be Driving? <i>Judith Goldstein</i>	10 AM-12 PM Fearless Low Vision Care without Formulas <i>Henry Greene</i>	3-4 PM Clinical Strategies for Managing Patients with Hemifield Loss <i>Alexis Malkin, Tiffany Chan</i>	9-10 AM Animating Low Vision Optics: How Magnification Field of View and Functional Ergonomics Interact in Practice <i>Alan Johnston</i>
10 AM-12 PM Assessment of Low Vision and Predicting Vision Functionality <i>Ian Bailey</i>	1:30-2:30 PM Taking the Risk out of Prescribing Spectacle Mounted Telescopes <i>Henry Greene</i>	4-5 PM Applying the iPhone to Low Vision Care <i>Robert Greer</i>	10-11 AM Making Technology Accessible for Low Vision Patients <i>Lauren Hoffman</i>
2-3 PM Visual Disability: Cases from the Gray Areas <i>Judith Goldstein, Alexis Malkin, Tiffany Chan</i>	2:30-3:30 PM Low Vision Technology Update 2014: Mobile Devices, Apps and More <i>Michael Fischer, William O'Connell</i>		11 AM-12 PM Why are Mainstream Lenses Important in Low Vision Rehabilitation Care? <i>Gary Asano</i>

Low Vision Section Symposium: There's Nothing Dry About Dry AMD: New Perspectives on an Old Problem

Wednesday, November 12

7:00 – 9:00 PM

Astonishing new observations about the anatomy and physiology of age-related macular degeneration have critical implications for management of the millions of affected individuals. These new observations are of particular importance for management of non-exudative age-related macular degeneration, the prevalence of which increases sharply among the oldest adults. This symposium will review the results of improved imaging techniques and new understandings of photoreceptor functioning at various light levels, with discussion of implications for assessment of new pharmaceutical treatments and for clinical practice, from early detection through end stage management. *Speakers include Christine A. Curcio, PhD; Richard F. Spaide, MD; Greg R. Jackson, PhD; and Dawn K. DeCarlo, OD, MS, FAAO.*

NEURO-OPTOMETRY

Wednesday, Nov. 12	Thursday, Nov. 13	Friday, Nov. 14	Saturday, Nov. 15
2-3 PM The Neuro-Ophthalmology of Concussion 2014 Update <i>Danielle Leong, Leonard Messner</i>	9-10 AM Unfolding the Mysteries of Neurodegenerative Diseases: Taking a New Look <i>Vondolee Delgado-Nixon</i>	2-3 PM Alzheimer Disease: An Update With Answers to Common Questions <i>Leonid Skorin</i>	9-11 AM Neuro Grand Rounds - How to Rule Out a Cranial Nerve Palsy <i>Kelly Malloy</i>
3-5 PM Optic Nerve: Edema, Itis, Ophathy <i>Denise Goodwin</i>	2:30-4:30 PM The Neurologic Examination <i>Kelly Malloy, Erin Draper</i>	3-5 PM The Cranial Neuropathies: 3rd, 4th and 6th Nerve Palsies <i>James Fanelli, Leonard Messner, Lorraine Lombardi</i>	12:30-1:30 PM Neuro-radiology <i>Tina Porzuckowiak</i>
		5-6 PM Head Injuries and Post Concussion Head Syndrome <i>Pamela Miller</i>	

Neuro-Ophthalmic Disorders in Optometry SIG Symposium: 2014 Lawrence Gray Symposium in Neuro-Ophthalmic Disorders

Wednesday, November 12

10:00 AM - Noon

Learn about the latest developments regarding idiopathic intracranial hypertension, the expanding spectrum of optic neuritis, including the clinical diagnosis and management of Neuromyelitis Optica (NMO), and the role of vision in walking and neurodegenerative diseases, including Alzheimer's Disease and Parkinson's Disease. These novel and varied presentations will not only help keep you updated on some new advances in neuro-ophthalmic disorders, but will also give you useful information to apply to your clinical practice. *Speakers include Leonard Messner, OD, FAAO; Jeffrey Bennett, MD; and Victoria Pelak, MD.*

PHARMACOLOGY

Wednesday, Nov. 12	Thursday, Nov. 13	Friday, Nov. 14	Saturday, Nov. 15
8-9 AM Practical Pharmacology: Our Favorite Medications <i>Jeffrey Varanelli, Nicholas Colatrella</i>	9-11 AM My Doc Told Me to Get an Eye Exam BECAUSE.... <i>Bruce Onofrey</i>	8-10 AM Ocular Infection Management-The Next Generation <i>Bruce Onofrey</i>	8-10 AM Ophthalmic Therapeutic Update <i>Tammy Than</i>
10 AM-12 PM When a Drop Is Just Not Enough: Oral Medications in Primary Care Optometry <i>Carl Spear</i>	4:30-5:30 PM Good Drugs, Bad Reactions: Medications Impacting Systemic & Ocular Health <i>William Townsend</i>	10-11 AM Oral Pharmaceuticals in Ocular Surface Infection and Inflammation <i>Blair Lonsberry</i>	12:30-1:30 PM "What A Pain in the EYE!" Pain Management for the OD <i>Jane Ann Grogg</i>
4-5 PM HSV Keratitis: Diagnosis, Drug Resistance, and New Directions <i>A. Mika Moy, Christina Wilmer</i>			



PUBLIC HEALTH

Wednesday, Nov. 12	Thursday, Nov. 13	Friday, Nov. 14	Saturday, Nov. 15
8-9 AM Catching up on Falls: Vision and Falls in Older Adults and the Optometrist's Role <i>Susan Leat</i>	3:30-4:30 PM Cultural Competence: The Opportunities of Serving the Needs of Hispanic Patients <i>Hector Santiago</i>	3-4 PM Eye Care and Ethics Consultation <i>Barbara Hetrick</i>	2:30-3:30 PM The Effects of Smoking on the Eye <i>Ryan Bulson</i>
		4-5 PM Disaster Medicine as an Opportunity for Interdisciplinary Care <i>Debbie Hettler</i>	3:30-4:30 PM Optometric Care in the Nursing Home Setting- Is it worth it? <i>James Hill</i>
		5-6 PM Child Abuse: Making the Diagnosis. Saving a Life <i>Eileen Gable</i>	

Public Health & Environmental Vision Section Symposium: Is there a Place for Prevention, Public Health, Public Assistance, and Providers in Optometric Practice in an Era of ACA?

Wednesday, November 12

2:00 – 5:00 PM

Do prevention activities and Accountable Care Organizations (ACO) save the public money? How does public health make health care more efficient? Can ACA improve care? How? Is the Affordable Care Act a success or failure? How do we evaluate changes to our health care system in an unbiased way? How do we implement the mandated changes in a way that makes everyone happy and still take care of patients? How does ACA affect private practice and practitioners? Are there any ancillary services included? Where does care of the underserved fit in? How much does all of this cost? *Speakers include Debbie Hettler, OD, MPH, FAAO; Larry Wolk, MD; Adam Atherly, PhD; Michele Lueck; Judy Zerzan, MD, MPH; and Bob Doyle.*

PRACTICE MANAGEMENT

Wednesday, Nov. 12	Thursday, Nov. 13	Friday, Nov. 14	Saturday, Nov. 15
		2-4 PM The Business of Eye Care <i>Carl Spear, April Jasper</i>	11 AM-12 PM How to Build Your Individual Brand as a Health Care Professional and Achieve Greater Personal and Career Success <i>Brenda Bence</i>
			2:30-3:30 PM Doodson Prepping your Office: Being Prepared without Being Paranoid <i>Kristopher May</i>



ELLERBROCK GRAND ROUNDS SESSIONS

Wednesday, Nov. 12	Thursday, Nov. 13	Friday, Nov. 14	Saturday, Nov. 15
8-9 AM Ellerbrock Presents: Grand Rounds I A Knot to a Lymphoma? <i>Deepa Chandrasekaran</i> Heerfordt Syndrome: A Rare Manifestation of Neurosarcooidosis <i>Naida Jakirlic</i> A Very Complicated Red Eye: Managing Scleritis <i>Cayla Picklyk</i>	9-10 AM Ellerbrock Presents: Grand Rounds III Astrocytic Hamartoma: Case Study and Review <i>Michael Yapp</i> Acute Corneal Hydrops in Post-LASIK Ectasia <i>Sara Gaib</i> Posterior Lenticulus in a Patient with Marfan Syndrome Characteristics <i>Lorne Yudcovitch</i>	10-11 AM Ellerbrock Presents: Grand Rounds V Angle Recession Glaucoma 31 years Post Trauma <i>Carl Jacobsen</i> Alternative glaucoma treatments <i>Robert Wang</i> Uncontrollable Ocular Hypertension in an Atypical Presentation of Chronic Herpes Zoster Associated Anterior Uveitis <i>Sarah MacIver</i>	8-9 AM Ellerbrock Presents: Grand Rounds VII Vision Closing in on Me <i>Daniel Freed</i> Suprasellar Meningioma <i>Amy Pedersen</i> Eyeball Pusher <i>Sherry Audycki</i>
9-10 AM Ellerbrock Presents: Grand Rounds II Unilateral Peripheral Corneal Ectasia Following Bell's Palsy <i>Laura Downie</i> A Case of Recalcitrant Conjunctivitis <i>Erich Hinel</i> A Unique Case of Viral Infection Leading to Neurotropic cornea <i>Langis Michaud</i>	10-11 AM Ellerbrock Presents: Grand Rounds IV A Tragic Case of Perioperative Vision Loss <i>Melanie Akau</i> Meningiomatosis <i>Cherie Farkash</i> Another Contact Lens Related Red Eye? <i>Anupam Laul</i>	11 AM-12 PM Ellerbrock Presents: Grand Rounds VI Cancer Associated Retinopathy <i>Emily Richard</i> Gyrate Like Atrophy in an Ornithine Normal Patient <i>Raman Bhakhri</i> Lipemic Retinopathy <i>Emily Becker</i>	9-10 AM Ellerbrock Presents: Grand Rounds VIII Reduced VA and Constricted VF: Impairment Redefined <i>Elli Kollbaum</i> Optometric Vision Therapy in an Adult with Infantile Esotropia <i>Debora Lee</i> Latrogenic Aniseikonia in a Pre-Operative Anisometropia <i>Jacqueline Theis</i>

Grand Rounds sessions will be moderated by Gerald Selvin.

TREATMENT & MANAGEMENT OF OCULAR DISEASE: POSTERIOR SEGMENT

Wednesday, Nov. 12	Thursday, Nov. 13	Friday, Nov. 14	Saturday, Nov. 15
10 AM-12 PM AMD from A to Z <i>Kimberly Reed</i>	11 AM-12 PM Retinal Vascular Occlusions for the Primary Care Clinician <i>Todd Peabody, Jeffrey Perotti</i>	10-11 AM Some Common (and Some not so Common) Posterior Pole Observations and their Management <i>Joseph Shovlin</i>	8-9 AM Updates in Diabetic Retinopathy and Venous Occlusive Disease <i>Mahsa Salehi</i>
2-3 PM Choroidal OCT Imaging: Current Concepts & Clinical Applications <i>Scott Anthony</i>	10 AM-12 PM To Stick or Not to Stick: FA vs OCT <i>Charles Kinnaird, Leonard Messner</i>	10-11 AM Intravitreal Injections: Can They Treat Everything? <i>Leonid Skorin</i>	1:30-2:30 PM Diabetic Retinopathy <i>Steven Ferrucci</i>
3-5 PM Ocular Tumor Update: Managing on the Front Lines <i>Colleen Cebulla</i>	1:30-2:30 PM Optical Coherence Tomography: A New Look at the Peripheral Retina <i>Mohammad Rafieetary</i>	11 AM-12 PM Optic Nerves that Pale in Comparison <i>Edward Chu</i>	2:30-3:30 PM Co-Managing Vitreal Injections <i>Steven Ferrucci</i>
	4:30-5:30 PM The Next Wave: Multispectral Imaging of the Fundus <i>Lorne Yudcovitch</i>	2-3 PM Don't Forget the Vitreous <i>Mohammad Rafieetary</i>	
		2-4 PM Genetics in Posterior Segment Disease <i>Sherry Bass, Jerome Sherman, Jerry Rapp</i>	
		4-6 PM OVS Presents: Age-Related Macular Degeneration <i>Anthony Adams</i>	

Vision Science and Low Vision Sections: ARVO/AAO Joint Symposium: Why Do We Need Another Photoreceptor? Clinical Implications of Melanopsin-containing Retinal Ganglion Cells

Thursday, November 13

3:30 – 5:30 PM

It has been just over a decade since it was definitively shown that a photoreceptor exists in the inner retina of mammals. There are roughly 3000 of these cells, termed 'intrinsically photosensitive retinal ganglion cells' (ipRGCs), in a human retina, which is considerably fewer than the 125 million rod and cone photoreceptors present. ipRGCs express the photopigment melanopsin and are known to play a key role in the synchronization of daily (circadian) rhythms of behavior to the external day/night cycle and in the regulation of pupil size. But why do we need another photoreceptor? The answer lies in the important roles that ipRGCs play in a broad array of ocular functions that are distinct from conscious pattern vision and which have important clinical implications. *Speakers include Laura Frishman PhD, FFAO; Ignacio Provencio, PhD; David Copenhagen, PhD; Paul Gamlin, PhD; and Andrew Hartwick, OD, PhD, FFAO.*

Retina SIG Symposium: Innovations in Retinal Care

Saturday, November 15

10:00 AM - Noon

This course will feature specialists in the realm of retinal care (a retinal specialist, an internist with a specialty in genetics, and a PhD) discussing some of the new research in the area of retinal disease. Topics covered include dark adaptometry and its role in AMD; the genetics of AMD; and novel treatments in AMD and other retinal disease, such as JETREATM. *Speakers include Steven Ferrucci, OD, FFAO; Greg Jackson, PhD; Brent Zanke, MD; Elizabeth Johnson, PhD; and Michael Tolentino, MD.*

REFRACTIVE SURGERY MANAGEMENT

Wednesday, Nov. 12	Thursday, Nov. 13	Friday, Nov. 14	Saturday, Nov. 15
	1:30-3:30 PM Managing Post-Operative Complications for LASIK and PRK <i>Michael DelGiodice, Clark Chang</i>	10 AM-12 PM The Complete Management of the Corneal Collagen Crosslinking (CXL) Patient: Preoperative, Postoperative, and Contact Lenses <i>Susan Gromacki, Andrew Morgenstern</i>	12:30-1:30 PM LASIK and PRK Zebras: Managing the Routine and Less Routine <i>Dustin Krassin</i>

SYSTEMIC/OCULAR DISEASE

Wednesday, Nov. 12	Thursday, Nov. 13	Friday, Nov. 14	Saturday, Nov. 15
8-9 AM Optometric Management of the New Plaque Screening Guidelines <i>Khadija Shahid</i>	11 AM-12 PM Primary Eye Care for the Hypertensive Patient: Management of Hypertensive Crises <i>Tiffenie Harris</i>	8-10 AM Diabetes Nation: Where Are We and Where Do We Go From Here? <i>A. Paul Chous, Jeffry Gerson</i>	8-9 AM Hepatitis C, Interferon and the Optometrist <i>Alyon Wasik</i>
9-10 AM The Seven Habits of Effective Uveitis Management <i>Paul Karpecki</i>	1:30-3:30 PM Systemic Evaluation of the Red Eye <i>Thomas Freddo</i>	2-4 PM HIV Update <i>David Bright</i>	10 AM-12 PM Diabetes and the Eye: What We Must Know <i>William Townsend</i>
9-10 AM STDs and the Eye <i>Susan Kovacich</i>	1:30-2:30 PM Ocular Herpes Management: Beyond the Herpetic Eye Disease Study <i>Andrew Mick</i>		3:30-4:30 PM A Window into the Diabetic Body: Recognizing Possible End-Organ-Damage when Viewing the Retina <i>Kuniyoshi Kanai, Brian Wolff</i>
2-4 PM The Many Faces of Multiple Sclerosis <i>Patricia Modica, Kelly Malloy</i>	3:30-4:30 PM Where's the Evidence? A Look at the Role of Ocular Nutrition in AMD <i>Sarah MacIver</i>		
2-4PM Lab Testing: The Basics <i>Blair Lonsberry</i>	4:30-5:30 PM Won't Happen In My Office: Systemic Emergencies in Optometric Offices <i>Todd Peabody, Richard Meetz</i>		
3-4 PM HIV/AIDS and the Eye: Epidemics, Endemics and Syndemics <i>Lorne Yudcovitch, James Kundart</i>			

Ocular Nutrition SIG Symposium: Sugar - More than Meets the Eye

Friday, November 14

4:00 – 6:00 PM

50 years of dietary guidelines have emphasized "low fat" and "low cholesterol" eating. Manufacturers have obliged by creating foods with increasing sugar and wheat/gluten content, while promoting exercise and widespread use of statins to lower cholesterol. Yet Americans have become heavier and less healthy at an alarming rate. Our panelists do a fast-paced "root cause evaluation" of the science of sugar with respect to: 1) Diabetes / Cardiovascular Disease, 2) Alzheimer's Disease and 3) Cancer. *Speakers include Dennis Ruskin, OD, FFAO; Paul Chous, MA, OD, FFAO; Kim Reed, OD, FFAO; and Stuart Richer, OD, PhD, FFAO.*

WORKSHOPS

Wednesday, Nov. 12	Thursday, Nov. 13	Friday, Nov. 14	Saturday, Nov. 15
10 AM-12 PM Getting a Better View of the Fundus <i>Caroline Pate, Elizabeth Steele</i>	10 AM-12 PM Advanced Examination of the Retina: Scleral Indentation and Retinal 3-Mirror <i>Meredith Whiteside, Nimesh Patel, John Shan</i>	10 AM-12 PM Basics of Scleral Lens Fitting: It's as Easy as 1-2-3 <i>Melissa Barnett, Jason Jedlicka, Michael Lipson, Mindy Toabe, Bruce Baldwin</i>	8-11 AM Injectable Medications in Primary Eyecare <i>Andrew Rixon, Michael Dorkowski, Scott Ensor, Jennifer Sanderson, John Neal</i>
10 AM-12 PM Basic to Intermediate Vision Therapy Techniques Workshop <i>Melissa Sigler, Christine Allison</i>	9 AM-12 PM Hi-Tech Workshop in the Detection and Management of Glaucoma and Retinal Disease <i>Sherry Bass, Jerome Sherman</i>	10 AM-12 PM Neurological Exam Workshop <i>Daniel Freed</i>	9 AM-12 PM Fitting Peripheral Prisms for Hemianopia <i>Eli Peli</i>
2-5 PM Fitting GP Contact Lenses Beyond the Limbus <i>Stephen Byrnes, Ronald Watanabe</i>	10 AM-12 PM Evidence-based Practice (EBP): More than Meets the Eye (Professional Enrichment) <i>Laura Downie, Peter Keller</i>	2-4 PM Polishing your Gonioscopy Skills <i>Dina Erickson, Denise Goodwin</i>	
2-5 PM Public Speaking Workshop (Professional Enrichment) <i>Diane Adamczyk</i>	1:30-3:30 PM Advanced Corneal Procedures <i>Elizabeth Steele, Caroline Pate, Tammy Than</i>	2-4 PM Introduction to Management of Accommodative and Vergence Disorders with Vision Therapy <i>Kristine Hopkins, Yin Tea, Sarah Lee, Raymond Chu</i>	
	1:30-3:30 PM OVS Author Workshop: Tools for Authors (Professional Enrichment) <i>Mark Bullimore, Anthony Adams, Donald Mutti, Michael Twa</i>	4-6 PM Sutureless Amniotic Membranes: How to Properly Insert and Remove Them <i>Nicholas Colatrella, Jeffrey Varanelli</i>	
	2:30-5:30 PM Selecting & Fitting Soft Multifocal Contact Lenses for Near Point Problems or Myopia Control in Non-Presbyopes <i>William Edmondson, Melissa Zarn, Michael Christensen, John Jackson</i>	4-6 PM Clinical Research Workshop (Professional Enrichment) <i>Barbara Caffery, Robin Chalmers, Susan Cotter, Wendy Harrison, Harue Marsden, Gregory Nixon, Ronald Watanabe, Karla Zadnik</i>	
	3:30-5:30 PM Everything You Wanted to Know about Punctal Occlusion <i>Walter Potaznick, Irwin Shwom</i>		
	3:30-5:30 PM OVS Author Workshop: Preparing a Manuscript (Professional Enrichment) <i>Mark Bullimore, Anthony Adams, Susan Cotter, Ruth Manny, Andrew Mick, Kurt Zadnik</i>		

PERI-OPERATIVE MANAGEMENT OF OPHTHALMIC SURGERY

Wednesday, Nov. 12	Thursday, Nov. 13	Friday, Nov. 14	Saturday, Nov. 15
9-10 AM Co-Management of Premium IOL Patients: Pearls for Maximizing Patient Satisfaction and Surgical Outcomes <i>Josh Johnston</i>			11 AM-12 PM Management of Patients following Corneal Collagen Cross-Linking and Associated Procedures <i>Ryan McKinnis</i>
			1:30-3:30 PM Preservation of the Corneal Graft <i>Aaron Bronner</i>
			1:30-2:30 PM Laser-Assisted Cataract Surgery: Is it Worth it? <i>Loretta Ng</i>

American Optometric Foundation



THE AMERICAN OPTOMETRIC FOUNDATION (AOF) AWARDED MORE THAN \$300,000 IN SCHOLARSHIPS, FELLOWSHIPS, GRANTS, AND RESIDENCY AWARDS LAST YEAR, WHILE RAISING MORE THAN \$150,000 AT ACADEMY 2013 SEATTLE. THIS FUNDING EMPOWERS THE AOF TO ADVANCE OPTOMETRIC RESEARCH AND EDUCATION IN VISION AND EYE HEALTH TO IMPROVE CLINICAL PATIENT CARE.

THE AOF WILL BE AT ACADEMY 2014 DENVER TO SUPPORT THE FUTURE OF OPTOMETRY AND WE WANT YOU TO JOIN US

Get involved and support the future of optometry by:

- Making a donation with your Academy 2014 Denver registration
- Donating your speaker honorarium to the AOF
- Learning more about our funds by visiting our website at www.aaopt.org/AOF

MEET AND SUPPORT YOUR 2014 EZELL FELLOWS AT THE AOF BOOTH

Stop by the AOF booth, #737, and meet with 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.



SILENT AUCTION

Place a bid on an item and support our industry. For several years, this has been one of our most exciting events! The AOF Silent Auction begins in the Exhibit Hall at the AOF booth, and concludes at the AOF Celebration Luncheon. 100% of our proceeds strengthen our scholarships, fellowships, grants, and residency awards.

Donate an item to the Silent Auction by contacting Tracy Kitts, Foundation Coordinator, at TracyK@aaoptom.org or 321-710-3936 to discuss your plan. Your donated items are in-kind, tax deductible contributions at fair market value.

AOF CELEBRATION LUNCHEON

Saturday, November 15th

11:00 AM – 1:30 PM

Join the AOF in Denver as we celebrate the 2014 award recipients and honor the contributors and sponsors who make the AOF a leading supporter of optometric education, research, and leadership. Look for your online invitation this summer and include a donation when you RSVP for the AOF Celebration Luncheon.



essilor

Seeing the world better

We encourage you to include the AOF in your estate planning. Talk with AOF volunteers and staff in Denver or get started today by contacting Development Director Greg Fulginiti at gregf@aaoptom.org.

ALL FINANCIAL DONATIONS TO THE AOF ARE TAX DEDUCTIBLE.


AMERICAN
OPTOMETRIC
FOUNDATION

Affiliate Meetings

Armed Forces Optometric Society Annual Meeting

**Monday & Tuesday,
November 10-11, 2014**

The Armed Forces Optometric Society (AFOS), one of the largest AOA affiliates, will convene its 46th Annual Meeting prior to Academy 2014 Denver. As in past years, the venue will provide opportunities to meet and interact with fellow federal service optometrists and share information and discuss current issues facing federal service optometry, to mentor and to be mentored, as well as provide continuing education for optometrists in all branches of the federal service (Departments of the Air Force, Army, Navy, and Veterans Affairs, the Public Health Service and Civil Service Optometry).

There will be service-specific breakout sessions in order to meet with service leaders, the annual business meeting, an exhibit hall specific to federal service optometrists, the President's Reception, as well as continuing education by some of our finest lecturers. AFOS welcomes all interested in federal service optometry to attend and join us at our conference.

For more information or to register for the conference, please go to the AFOS website at www.afos2020.org.

Optometric Council on Refractive Technology (OCRT)

Tuesday, November 11, 2014

The OCRT's 11th Annual Refractive Technology symposium will be held the day before Academy 2014 Denver. The brightest minds in cornea and lens-based refractive technologies will discuss the latest innovations and trends in patient care and treatment solutions, and will specially feature case studies on complicated and unusual cases. The symposium also includes presentations on the most recent research in refractive technology. The meeting is interactive, providing a unique forum to share your ideas, thoughts, and experiences with your colleagues. Eight hours of COPE-approved CE will be awarded to attendees. The registration fee includes continental breakfast and lunch.

For more information on the OCRT, please visit <http://www.ocrt.org>. If you have questions about this meeting, contact Dr. David Geffen at dig2020@aol.com.

Diplomate Preparatory Courses

**Tuesday, November 11
8:00 AM – 6:00 PM**

Lunch included

Three Academy Sections are offering Diplomate Preparatory Courses to help Fellows accelerate the completion of the Diplomate process. This event consists of a full day of outstanding lectures and workshops focused on the most challenging topics on the exams, presented by well recognized Academy speakers. Participants in this course will get a jump-start on the Diplomate pathway by taking advantage of this specifically designed support. CE credit will also be awarded (COPE Approval pending). In addition, all registrants who submit their Diplomate application during Academy 2014 Denver will have the application fee (\$100) waived! The early registration rate is \$160 and will be \$225 starting September 9, 2014.

Select one of these courses when you register for the meeting online:

- Section on Cornea, Contact Lens and Refractive Technologies Diplomate Preparatory Course
- Low Vision Section Diplomate Preparatory Course
- Primary Care Diplomate Preparatory Course

VOSH International

Sunday, November 16, 2014

VOSH/International (V/I) will be holding its annual meeting during Academy 2014 Denver, on Sunday November 16, 2014. The primary mission of VOSH/International is to facilitate the provision and the sustainability of vision care worldwide for people who can neither afford nor obtain such care. In December 2001, VOSH partnered with the World Health Organization and pledged to eliminate preventable blindness by the year 2020. VOSH International has almost 80 State chapters, Regional chapters and optometry school chapters around the world. In 2013, VOSH members examined approximately 100,000 patients on about 95 missions to those in need. A VOSH team will be traveling to the Philippines in early 2014 to provide disaster relief. During the annual meeting, new developments in V/I such as VOSH Corps, V/I sustainable clinics, as well as chapter reports, notable missions, among other important issues will be discussed. All are welcome to attend. Please see www.vosh.org.

Exhibit Hall

Experience a First-Class Exhibit Hall!

Stop by the Exhibit Hall to see all the latest technologies and services our exhibitors have to offer! Talk with company representatives on how their products can make your practice grow. Use lunch vouchers in the Exhibit Hall Thursday and Friday.

Exhibit Hall Hours

Wednesday, November 12
5:00–7:30 PM

Thursday, November 13
11:00 AM–5:00 PM

Friday, November 14
11:00 AM–4:00 PM

Attendee Welcome Reception

Wednesday, November 12
5:00–7:30 PM

The American Academy of Optometry welcomes all attendees to Academy 2014 Denver at this reception. Come enjoy a drink and a bite to eat while you catch up with your friends and colleagues.

Students!

Join us for special students-only hours in the Exhibit Hall from 9:00–11:00 AM on Thursday.

Exhibitors *(As of April 30, 2014)*

ABB Optical Group
Abbott Medical Optics
Acuity Pro/VisionScience Software, Inc
Advanced Ocular Care
Akorn Pharmaceuticals
Alcon
Alden Optical
Allergan
All About Vision
American Academy of Optometry
American Board of Optometry
American Board of Certification in Medical Optometry
American Optometric Foundation
Art Optical Contact Lens Inc.
ARVO
Bausch + Lomb
BioTissue
Blanchard Contact Lens, Inc.
Blue View Vision
Brien Holden Vision Institute
Bruder Healthcare Company
CareCredit
Carl Zeiss Meditec, Inc.
Carl Zeiss Vision, Inc
Chadwick Optical
Chemistrie Eyewear
Compulink
CooperVision, Inc.

Designs for Vision
DGH Technology, Inc.
Diopsys LLC
Elsevier, Inc.
Enhanced Vision
Eschenbach Optik of America
Eye Designs
Eyefinity
EyeMed Vision Care
Fashion Optical Displays
Fellows Doing Research SIG
First Vision Media Group, Inc.
FOXFIRE Systems Group
Freedom Meditec
Good Lite
Haag-Streit/Reliance USA
HAI Laboratories, Inc.
HealthCare Professional Funding Corporation
Heidelberg Engineering
Heine
Hoya Vision Care
HumanWare
Icare-USA
Infinite Therapeutics
Innova Systems
Keeler Instruments
Konan Medical USA
Lacrimedics
Lombart Instrument
M&S Technologies
Maculogix, Inc.
Menicon
Metro Optics
National Vision Inc.
Nicox, Inc.
NOVA Southeastern University
Ocular Nutrition Society
Oculus, Inc.
Ocutech, Inc.
Optelec
Optos
Optovue
PentaVision LLC
Practice Director
Presenta Nova Inc.
Reichert, Inc.
Review of Optometry
Rysurg, LLC
Sauflon
Sensor Medical Technology
SLACK/Primary Care

Optometry News
Solutionreach
Stereo Optical
Synergeyes
TearLab, Corp.
TearScience
Topcon Medical Systems, Inc.
Tru-Form Optics
Unilens Corporation
Visionary Optics LLC
VISTAKON
VOLK Optical
VOSH International
VSP Global/Vision Care
VSP Optics Group
Walmart Stores, Inc. / Sam's Club
Wells Fargo Practice Finance
X-Cel Contacts
Younger Optics
Zeavision, LLC



Students and Residents

The Academy encourages student and resident participation in all meeting events and education. Students and residents are strongly encouraged to attend any of the courses and events being offered at Academy 2014 Denver.

Student Events

Student Welcome Reception

Wednesday, November 12, 5:00 - 6:30 PM

Generously sponsored
by: *Luxottica* and



Kick-off the annual meeting
at this students-only reception.

Student Fellowship Orientation Session

**Thursday, November 13,
7:00 - 8:00 AM**



Generously sponsored by: *vspglobal*

Distinguish yourself by becoming a Student Fellow. Members of the Faculty-Student Liaison Committee will describe the benefits and criteria. You must be a student member and notify the Academy that you wish to pursue Student Fellowship in advance of the meeting in order to qualify for this program.

Special Students Only Exhibit Hall Hours

Thursday, November 13, 9:00 - 11:00 AM

Students will have a special opportunity to meet and network with over 200 exhibitors in attendance. While you're there, stop by the Academy membership booth (#437) in the Exhibit Hall to ask a Fellow any question you have about membership or the Academy. Also, enter a drawing to win a Fellowship Banquet ticket!

Student Networking Luncheon

**Friday, November 14,
Noon - 1:30 PM**



Generously co-sponsored by: *vspglobal*

Meet and network with students from other schools. Staff from residency programs will be available to answer questions.



Resident Events

Resident/Practitioner Networking Event

**Thursday, November 14,
4:00 - 5:30 PM**



Generously sponsored by:

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!

Special Residents Education Event - Clinical Thinking and Diagnosis

Friday, November 14, 2:00 - 4:00 PM

We are pleased to announce a special program, exclusively for optometry residents, headlined by one of the country's foremost experts on the mechanics of diagnostic thought and clinical decision making. Gurpreet Dhaliwal, MD, Associate Professor of Medicine at the University of California, San Francisco will discuss the current understanding of how clinicians arrive at diagnoses and strategies to improve this vital skill. His lecture will be followed by breakout sessions led by optometric residency educators and specialists in library sciences that will give eye-specific case examples and methods for maintaining evidenced based approaches to clinical thought.

Residents Day

**Saturday, November 15,
8:00 AM - Noon and 1:30 - 3:30 PM**

Residents Day is a forum where residents have the opportunity to present their interesting case reports or the results of their research projects! Papers will be presented 8:00 AM - 12:00 PM and posters, 1:30 - 3:30 PM.

This special event is only for current residents to showcase their work with meeting attendees. Submissions are due August 30, 2014 for Residents Day.

For more information, contact Helen Viksnins at helenv@aaoptom.org.

Residents Day Luncheon

**Saturday, November 15,
Noon - 1:15 PM**



Generously sponsored by: *a Novartis company*

Enjoy this opportunity to meet and network with residents from other programs. Don't forget to submit your Candidacy for Fellowship application during the meeting to be entered into a prize drawing! Winners will be announced at the luncheon.

Residents Day Reception

**Saturday, November 15,
3:30 - 4:30 PM**



Generously sponsored by:

Celebrate the end of Residents Day by enjoying complimentary refreshments and mingling with your peers.

Visit Us in the Exhibit Hall!

Stop by the Academy membership booth (#441) in the Exhibit Hall to apply to become a Candidate for Fellowship. If you apply during your residency the application fee and first year of dues are waived!

Student Travel Fellowships for Academy 2014 Denver

The Academy wants to help accepted student poster/paper presenters attend Academy 2014 Denver!

The Academy will provide a number of travel fellowships of \$750 to students and residents to attend this year's meeting.

Deadline for submission is August 4, 2014.

Each individual may receive one travel fellowship per meeting. 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 these travel fellowships, so be sure to submit your abstract May 1-31 at the Academy's website. Applicants MUST be Academy members.

Complimentary Registration for Residents

Current residents of an optometric program may receive complimentary registration for Academy 2014 Denver, in exchange for working half a day 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 Betty Rodriguez at BettyR@aaoptom.org.



AMERICAN ACADEMY
of OPTOMETRY

2909 Fairgreen Street
Orlando, Florida 32803

Annual Fellowship Banquet

Saturday, November 15

7:00 – 10:00 PM

(Black tie optional)

Join us in recognizing the new Fellows and Diplomates! Enjoy the camaraderie as we celebrate those who have reached this milestone in their career and toast to the success of another great Academy meeting.

Use your banquet ticket as admission into this event. Seating is first come, first served. If you do not plan to attend the banquet, please donate your ticket at the Academy Information Desk or Exhibit Booth (#437) so a student can attend this fantastic event.

