



WASHINGTON
ACADEMY OF

EYE PHYSICIANS
& SURGEONS

Ophthalmic Medical Personnel Program
March 14th, 2025

Meydenbauer Conference Center | Bellevue, WA

Welcome!

to the 2025 WAEPS Ophthalmic Medical Personnel Program

WAEPS is excited to present another amazing opportunity to expand your knowledge, grow your clinical skill set, and advance your career at one of the most prestigious continuing education programs in the country!



Engage with Presenters



Participate in **30 dynamic lectures** throughout the day provided by our faculty of highly skilled and dedicated ophthalmologists from the best healthcare centers in the region!

NEW! Talent Development for Clinical Teams Track!

Connect with Your Community



Join your fellow colleagues from across the Pacific Northwest at the **Meydenbauer Center in Bellevue** to learn about the latest trends and advances in ophthalmology for 2025!



The **Talent Development for Clinical Teams** track is every technician trainer, supervisor and manager's dream come true! Brought to you by a power-packed group of presenters led by **Matthew Parker, Ph.D., DSc, CLSSMBB, PMP, CTC, COMT**, this track will bring new insights into the principles of ophthalmic training, supervision, and management of the clinical team.



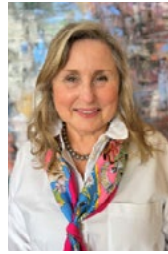
Matthew Parker, Ph.D.,
DSc, CLSSMBB, PMP,
CTC, COMT



Jane Shuman, MSM,
COT, OSC



Savory Turman, MS, COMT



Rhonda Mullen, COMT, (F)
ATPO, FCLSA, OCS, OSC

Join **Jane Shuman, MSM, COT, OSC, Savory Turman, MS, COMT** and **Rhonda Mullen, COMT, (F)ATPO, FCLSA, OCS, OSC** as they delve into the fundamentals, design, and the delivery of exceptional training modules that prioritize the trainers' journey to build a stronger, more effective, and empathetic clinical team.

NEW! Fundamentals of Ophthalmology Track!



New to ophthalmology? Want to strengthen your skill set? The Fundamentals of Ophthalmology track is designed specifically for those with 1 year or less of experience in the eye care field.

Each course is taught at a beginner-level and will review the fundamentals of eye anatomy & physiology, history taking & triage, common eye diseases and the basic eye exam. This track is an incredible resource for establishing a solid foundation for your eye care career!

Interact with Instructors and Exhibitors



Hang out with industry specialists and instructors during hands-on, interactive learning in our popular **hands-on Clinical Workshops**, then check out all the new and exciting technology on display on the **Exhibitor Floor!**

CE Made FUN!



Earn up to 6 IJCAHPO CE credits AND:

- Have a chance to “win big” during our annual lunchtime **Prize Giveaway**
- Enjoy a delicious **breakfast and buffet lunch** provided for you in the Exhibitor Hall
- Toast your friends at the **President’s Reception** with complimentary drinks and hors d’oeuvres!

Don't Miss Out!

Be sure to register early to take advantage of the **early bird discount** that is available until **February 14th!** We look forward to seeing you there!



Andrea Grant, COMT, OSC
WAEPS Ophthalmic Medical Personnel Program Chair
Northwest Eye Surgeons

About this Meeting

REGISTRATION

Please use the online registration form on the WAEPS website, www.waeps.org/annual-meeting which requires each participant to provide contact information and to choose his or her classes and workshops. Please use *your own mailing address and email address*.

When you come to the end of the registration process, either pay for the program with a credit card or select “invoice me”. If you choose “invoice me,” you’ll receive an emailed invoice. You can then submit the invoice to your supervisor or practice accounting office to be paid. WAEPS asks that invoices be paid within 30 days of registration.

	On or Before Feb 14	After Feb 14
Member Practice	\$275	\$300
Non-Member Practice	\$350	\$375
Military Technician	\$150	\$160

ACCREDITATION

IJCAHPO Credits have been applied for.

TARGET AUDIENCE

Ophthalmic Medical Personnel (All levels of certified and non-certified assistants, opticians, contact lens personnel), nurses, and health care students.

WORKSHOP PREREQUISITES

The prerequisite for each workshop is to already possess a basic knowledge of that particular skill. The workshops are designed to help ophthalmic medical personnel further hone the skill and, through hands-on instruction, demonstrate the best clinical applications of that skill.

WHAT'S INCLUDED

Your registration includes a full day of course instruction, e-syllabus, educational credits, continental breakfast, coffee breaks, delicious hot buffet luncheon, access to exhibits, and a hosted reception.

ATTENDANCE VERIFICATION AND CREDIT

Step 1: Submit attendance cards

JCAHPO requires that we document each participant’s attendance at each session throughout the day. To streamline our process and improve efficiency, **meeting packets will NOT be mailed** to attendees prior to the meeting this year.

Instead, **packets will be available for pickup on the day of the meeting** at the Tech Registration Desk located on the 4th floor.

Your meeting packet will include:

- Personalized attendance cards
- Personalized schedule
- Name badge and a drink ticket for the President’s Reception

As you enter each classroom, insert your attendance card for that hour’s class into the box next to the classroom door. These cards are collected ten minutes after the class begins. Failure to deposit your attendance card into the correct box by that time means we will not be able to verify your attendance and you will not get credit for that hour. Please help us with your full cooperation in this system!

Step 2: Complete evaluation

Following the meeting you should go back to the e-syllabus and click on the link to complete your online program evaluation.

Step 3: Receive your certificate

Within 30 days after the program, the WAEPS office will send you (via email) a certificate showing the courses you attended. Please feel free to contact us in mid-May if you have not yet received your certificate and we’ll resend it.

WATCH FOR YOUR E-SYLLABUS LINK

There will be no printed handouts for this meeting. **Prior to the meeting, you will receive an email with a link for access to your e-syllabus.** We encourage you to use it to access important information before you arrive, including printable/downloadable speaker handouts, an updated schedule, and driving and parking directions.

About this Meeting (continued)

CANCELLATIONS

Cancellation requests must be submitted in writing. There is a \$50.00 fee for cancellation before February 28, 2025. **There are no refunds for cancellations after February 28, 2025.**

FOOD

A continental breakfast will be held in the exhibit hall in Center Hall A on the entrance level of the building and lunch will be held in the ballroom next to it in Center Hall B.

PRESIDENT'S RECEPTION

Immediately following the conclusion of the physician program at 5:15pm, please join us for the President's Reception in Center Hall A.

ACCESSIBILITY

WAEPS encourages participation by all individuals. If you require accommodation, please contact the WAEPS office at waeps@waeps.org at least two weeks prior to the conference. Advance notification is essential in order for us to serve you better. Note that our conference venue is fully accessible and ADA compliant.

RECIPROCAL SOCIETY MEMBERS

WAEPS has reciprocal arrangements with ophthalmology societies in Oregon, Idaho, Montana, Alaska, and British Columbia. Employees of physicians who are members of their respective state and provincial societies may register at the discounted member rate. Please contact our office for details if you would like to take advantage of this opportunity: waeps@waeps.org.

OTHER ATTENDEE NEEDS

- Moms needing access to our "pump room" during breaks should contact the staff at the tech program information desk when they arrive on site.
- Special dietary needs? Please indicate these on your registration form or contact us via phone or email and we'll do our best to accommodate.

HOTEL ACCOMMODATIONS

A discounted room block is available at the nearby Seattle Marriott Bellevue, 200 110th Avenue N., Bellevue, WA. The rate is \$215 per night. Visit the annual meeting page of our website www.waeps.org/annual-meeting for the link to book your room. Space is limited. Rooms can be booked until February 12, 2025, or until all rooms in the block are filled.

VENUE

Meydenbauer Center

11100 NE 6th St, Bellevue, WA 98004

Continental breakfast will be held in the exhibit hall in Center Hall A on the entrance level of the building and the tech lunch will be held in the ballroom next to it, Center Hall B. The tech program lectures and most of the workshops will be held in classrooms on the 4th floor of the facility. A few of the workshops will be in a meeting room in the administrative suite on the 3rd floor.

PARKING

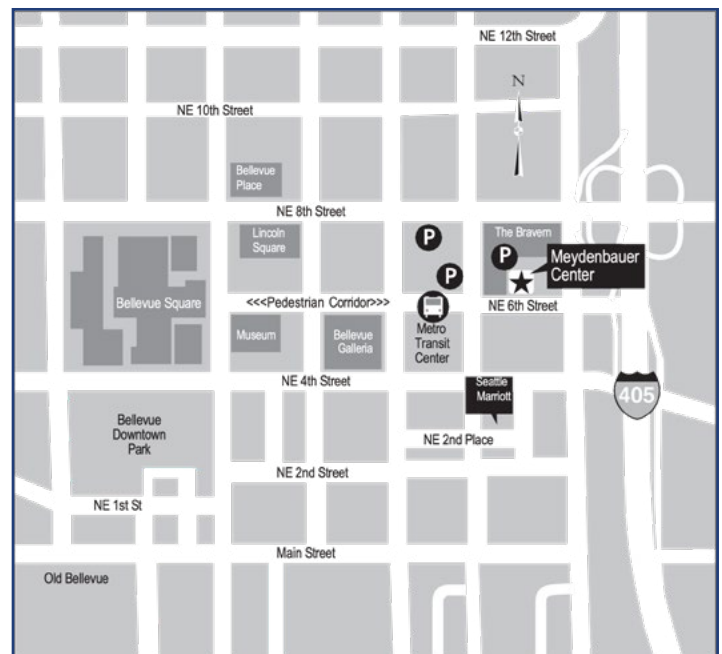
Underground parking is available at Meydenbauer Center.

TRANSPORTATION

Our conference venue is less than a block away from the Bellevue Transit Center where many bus routes stop. For more information, visit the Metro Transit and Sound Transit websites to plan your trip by public transportation.

REGISTRATION QUESTIONS?

Please contact Curt in the WAEPS office at 206-956-3646 or email waeps@waeps.org.



2025 LECTURE SCHEDULE

8:30 – 9:30	<p>1</p> <p><u>Fundamentals of Ophthalmology:</u> <u>Ocular Anatomy and Physiology</u></p> <p>Carson Clabeaux, DO</p>	<p>2</p> <p><u>Making Sense of MIGS</u></p> <p>Elizabeth Martin, MD</p>	<p>3</p> <p><u>Treatment of Severe Diabetic Retinopathy and Macular Edema</u></p> <p>Jess Weinstein, MD</p>	<p>4</p> <p><u>Corneal Emergencies</u></p> <p>Kaidi Wang, MD</p>	<p>5</p> <p><u>Talent Development for Clinical Teams:</u> <u>Advanced Patient Management & History Taking</u></p> <p>Matthew Parker, Ph.D., DSc, CLSSMBB, PMP, CTC, COMT</p>
9:40 – 10:40	<p>6</p> <p><u>Fundamentals of Ophthalmology:</u> <u>History Taking & Triage</u></p> <p>Jane Shuman, MSM, COT, OSC</p>	<p>7</p> <p><u>Damage Control: Ocular Trauma 101</u></p> <p>Jennifer Yu, MD, PhD</p>	<p>8</p> <p><u>Acute and Chronic Vision Loss</u></p> <p>Brad Ballard, MD</p>	<p>9</p> <p><u>Lessons Learned from Glaucoma Claims</u></p> <p>Jeannette Domask, MPH, CPHRM</p>	<p>10</p> <p><u>Talent Development for Clinical Teams:</u> <u>The LEAN Approach for Enhancing Clinical Education</u></p> <p>Matthew Parker, Ph.D., DSc, CLSSMBB, PMP, CTC, COMT</p>
10:50 – 11:50	<p>11</p> <p><u>Fundamentals of Ophthalmology:</u> <u>Tonometry & Pupillary Exam</u></p> <p>Natalie Husa, MD</p>	<p>12</p> <p><u>The Neurological Workup: Putting It All Together</u></p> <p>Matthew Parker, Ph.D., DSc, CLSSMBB, PMP, CTC, COMT</p>	<p>13</p> <p><u>Narrow Angle Glaucoma: Interesting Cases</u></p> <p>Aaron Kuzin, MD</p>	<p>14</p> <p><u>Artificial Intelligence and Diabetic Retinopathy</u></p> <p>Cecilia Lee, MD</p>	<p>15</p> <p><u>Talent Development for Clinical Teams:</u> <u>Basic Ophthalmic Clinical Skills</u></p> <p>Jane Shuman, MSM, COT, OSC</p>
11:50 – 1:00	Lunch	Lunch	Lunch	Lunch	Lunch
1:10 – 2:10	<p>16</p> <p><u>Fundamentals of Ophthalmology:</u> <u>Common Eye Diseases</u></p> <p>Erin Fink, MD</p>	<p>17</p> <p><u>Mastering Manifest Refractions: Advanced Performance and Teaching Standards</u></p> <p>Matthew Parker, Ph.D., DSc, CLSSMBB, PMP, CTC, COMT</p>	<p>18</p> <p><u>Neuro-Ophthalmic Emergencies</u></p> <p>Eugene May, MD</p>	<p>19</p> <p><u>Applications, Indications, and Advances in Selective Laser Trabeculoplasty</u></p> <p>Andrew Chen, MD</p>	<p>20</p> <p><u>Talent Development for Clinical Teams:</u> <u>Intermediate Ophthalmic Clinical Skills</u></p> <p>Savory Turman, MS, COMT</p>
2:20 – 3:20	<p>21</p> <p><u>Fundamentals of Ophthalmology:</u> <u>Macular Degeneration</u></p> <p>Molly Cunard, DO</p>	<p>22</p> <p><u>Parkinson's Disease and the Eye</u></p> <p>Steven Hamilton, MD</p>	<p>23</p> <p><u>Global Ophthalmology: Outreach Local and Abroad</u></p> <p>Mike Brush, MD</p>	<p>24</p> <p><u>Corneal Infectious Disease</u></p> <p>Stephanie Cramer, MD</p>	<p>25</p> <p><u>Talent Development for Clinical Teams:</u> <u>Advanced Ophthalmic Clinical Skills</u></p> <p>Matthew Parker, Ph.D., DSc, CLSSMBB, PMP, CTC, COMT</p>
3:30 – 4:30	<p>26</p> <p><u>Fundamentals of Ophthalmology:</u> <u>Glaucoma</u></p> <p>Ernesto Golez, MD</p>	<p>27</p> <p><u>Oculoplastics Update 2025</u></p> <p>Peter Kally, MD</p>	<p>28</p> <p><u>Premium IOL Update 2025</u></p> <p>Natalia Bajenova, MD</p>	<p>29</p> <p><u>Pediatric Ophthalmic Emergencies & Urgencies</u></p> <p>Laura Huang, MD</p>	<p>30</p> <p><u>Talent Development for Clinical Teams:</u> <u>In-Office Procedures and Infection Control</u></p> <p>Jane Shuman, MSM, COT, OSC</p>

WAEPS 2025 Lecture Descriptions

1. FUNDAMENTALS OF OPHTHALMOLOGY: OCULAR ANATOMY AND PHYSIOLOGY

CARSON CLABEAUX, DO

This course will provide a comprehensive overview of the anatomy and physiology of the human eye. It will cover each structure of the eye from the outer ocular adnexa, through the cornea, anterior chamber, iris, ciliary body, lens, vitreous, retina and optic nerve. The associated physiology of each structure will also be reviewed, including how the visual pathways travel from the eye to the brain to create vision.

2. MAKING SENSE OF MIGS

ELIZABETH MARTIN, MD

This course will discuss the role, complications, and outcomes of various types of Microinvasive Glaucoma Surgery techniques, as well as patient selection considerations.

3. TREATMENT OF SEVERE DIABETIC RETINOPATHY AND MACULAR EDEMA

JESS WEINSTEIN, MD

This course describes the diagnosis and treatment of severe diabetic retinopathy and macular edema. Through case studies, participants will gain valuable perspectives on the role of fluorescein angiography, optical coherence tomography, pharmacotherapy, laser and surgical interventions in effectively managing these ocular conditions.

4. CORNEAL EMERGENCIES

KAIDI WANG, MD

This course will introduce essential competencies, appropriate documentation, and a review checklist to reduce medical errors and adverse events due to an inadequate eye examination.

5. TALENT DEVELOPMENT FOR CLINICAL TEAMS: ADVANCED PATIENT MANAGEMENT & HISTORY TAKING

MATTHEW PARKER, PH.D., DSC, CLSSMBB, PMP, CTC, COMT

Learn advanced history-taking techniques that uncover crucial clinical details while building patient rapport. This innovative course equips healthcare professionals with essential skills for superior patient management, combining technical precision with emotional intelligence.

6. FUNDAMENTALS OF OPHTHALMOLOGY: HISTORY TAKING & TRIAGE

JANE SHUMAN, MSM, COT, OSC

There is difference between triage and history taking; triage is done to determine the appropriate time span to book a patient, while history taking provides a more detailed summary of the condition or symptoms. This course will discuss both in detail, their differences, and explain the classifications of urgent conditions.

7. DAMAGE CONTROL: OCULAR TRAUMA 101

JENNIFER YU, MD, PHD

This course will describe the classifications of ocular trauma that commonly present in the ophthalmology clinic. It will discuss proper evaluation and triage methods and provide an overview of the treatment options available to manage the different types of ocular trauma. Using multiple clinical examples, the work-up of the ocular trauma patient will be discussed and as well as the ways to identify true ophthalmic emergencies.

8. ACUTE AND CHRONIC VISION LOSS

BRAD BALLARD, MD

Patients presenting with a complaint of sudden or chronic vision loss is a frequent occurrence in an ophthalmic practice. Understanding the most common causes of these conditions will allow the technician to focus on the parts of the history and examination that will lead to the most useful information, and aid in making an early diagnosis.

9. LESSONS LEARNED FROM GLAUCOMA CLAIMS

JEANNETTE DOMASK, MPH, CPHRM

Using OMIC glaucoma-specific cases, this course will highlight and discuss mitigating liability risk through effective communication and documentation.

10. TALENT DEVELOPMENT FOR CLINICAL TEAMS: THE LEAN APPROACH FOR ENHANCING CLINICAL EDUCATION

MATTHEW PARKER, PH.D., DSC, CLSSMBB, PMP, CTC, COMT

This focused course introduces healthcare professionals to essential Lean principles specifically adapted for ophthalmology settings. Participants will master practical techniques for identifying and eliminating wasteful processes that impact patient care and practice efficiency.

**11. FUNDAMENTALS OF OPHTHALMOLOGY:
TONOMETRY & PUPILLARY EXAM**

NATALIE HUSA, MD

This course will cover the fundamental principles of tonometry as well as explain pupil evaluation and provide an overview of the most common pupil abnormalities, their pathophysiology and clinical significance. The course will describe how to measure IOP using various methods, demonstrate an understanding of best practices for applanation tonometry and standard operating procedures, explain the anatomy and physiology of the afferent and efferent neural pathways as they apply to pupillary function, and outline a systematic method of examination to determine if and which pupillary abnormality is present.

**12. THE NEUROLOGICAL WORKUP:
PUTTING IT ALL TOGETHER**

**MATTHEW PARKER, PH.D., DSC, CLSSMBB, PMP,
CTC, COMT**

This comprehensive course combines the foundational principles of basic science with advanced clinical knowledge to enhance expertise in neuro-ophthalmic examinations. Participants will explore the “why” behind each skill, sharpening critical thinking and conduct thorough neuro-ophthalmic assessments encompassing confrontation visual fields visual field examination, extraocular muscles evaluation, and pupil assessment.

13. NARROW ANGLE GLAUCOMA: INTERESTING CASES

AARON KUZIN, MD

This course will help the attendee identify the risk factors, signs and symptoms of narrow angle glaucoma. Diagnostic tests as well as treatment options will be discussed. The course will include an interactive discussion of several interesting narrow angle glaucoma cases.

**14. ARTIFICIAL INTELLIGENCE AND DIABETIC RETINOPATHY
CECILIA LEE, MD**

This lecture explores the transformative role of artificial intelligence (AI) in ophthalmology, with a focus on ongoing research of diabetic retinopathy. We will begin with an overview of AI and how AI may be used for early detection and management of diabetic retinopathy. The session will also introduce the AI-READI project, an innovative initiative aimed at developing equitable, AI-ready datasets to enhance research in diabetic retinopathy and systemic health. Finally, we will discuss future directions, including emerging AI technologies, their potential to revolutionize diabetic eye care, and the pivotal role of ophthalmic technicians in integrating these advancements into clinical practice.

**15. TALENT DEVELOPMENT FOR CLINICAL TEAMS:
BASIC OPHTHALMIC CLINICAL SKILLS**

JANE SHUMAN, MSM, COT, OSC

Step into the essential world of ophthalmic technology with this foundational course designed for new ophthalmic technicians and support staff. This comprehensive program provides a solid understanding of ocular anatomy, clinical procedures, and patient care fundamentals that form the backbone of efficient eye care delivery.

**16. FUNDAMENTALS OF OPHTHALMOLOGY:
COMMON EYE DISEASES**

ERIN FINK, MD

This course presents an overview of common eye diseases and their assessment and management. Diagnosis, treatment, and rehabilitation of common eye problems and vision-related changes such as cataracts, glaucoma, cornea diseases, and macular degeneration will be discussed.

17. MASTERING MANIFEST REFRACTIONS

**MATTHEW PARKER, PH.D., DSC, CLSSMBB, PMP,
CTC, COMT**

This is an advanced course in retinoscopy and manifest refinement techniques. Nationally, refinement is the number one skill required by most employers. This course allows the technician to take an advanced posture diagnostic refractometry and fundamental performance of generating a glasses prescription. The presenter recommends that participants have a basic understanding of clinical optics. Case studies and an introduction to root cause analysis will help explain why and when glasses prescriptions require additional evaluation.

18. NEURO-OPHTHALMIC EMERGENCIES

EUGENE MAY, MD

Emergencies and pseudo-emergencies are extremely common in neuro-ophthalmic practice. It is critical to distinguish these two groups of patients and to be familiar with the critical first steps that must be taken to ensure preservation of vision or prevent other sequelae. With cases and discussion, we will familiarize the audience with common neuro-ophthalmic emergencies and the necessary approach to these patients.

19. EVOLVING EVIDENCE AND TECHNIQUES FOR SELECTIVE LASER TRABECULOPLASTY

ANDREW CHEN, MD

This session will cover the evolving evidence supporting the use of SLT for treating glaucoma at various stages. Techniques for performing SLT, patient consent, laser settings, preoperative drop therapy, postoperative care, and technology advancements will all be covered in detail.

20. TALENT DEVELOPMENT FOR CLINICAL TEAMS: INTERMEDIATE OPHTHALMIC CLINICAL SKILLS

SAVORY TURMAN, MS, COMT

Elevate your ophthalmic technical expertise with this intermediate-level course designed for experienced technicians ready to expand their clinical capabilities. This comprehensive program builds upon fundamental skills, advancing your knowledge of specialized testing, visual function, and clinical documentation to enhance practice efficiency and patient care.

21. FUNDAMENTALS OF OPHTHALMOLOGY: MACULAR DEGENERATION MOLLY CUNARD, DO

Macular degeneration is a leading cause of severe vision loss in people over age 60. This course will provide an overview of the disease, highlighting the pathogenesis, risk factors, clinical manifestations and treatment options. In addition, we will cover imaging modalities and patient education.

22. PARKINSON'S DISEASE AND THE EYE

STEVEN HAMILTON, MD

This course will discuss the physiology of how Parkinson's Disease often affects vision, such as the exacerbation of dry eyes, blepharospasm, apraxia of eyelid opening, difficulty reading with diplopia at near, etc. We will also discuss practical ways to help these patients improve their daily vision through proper glasses prescriptions and other means.

23. GLOBAL OPHTHALMOLOGY: OUTREACH LOCAL AND ABROAD

MIKE BRUSH, MD

This course will review Dr. Brush's ongoing work with the Himalayan Cataract Project, both in high-volume cataract outreach camps using Manual Small Incision Extracapsular techniques and in surgical training of phacoemulsification. The course will also discuss how the attendee can be involved both globally and on a local level. By outlining the challenges faced while delivering ophthalmic care in challenging conditions, the attendee will gain a greater understanding of how to apply ophthalmic skills outside of the normal clinical environment or for patients with advanced eye disease. Prepare to be moved and inspired by the photos and personal stories from patients that he will share.

24. CORNEAL INFECTIOUS DISEASE

STEPHANIE CRAMER, MD

This course will review the common agents of corneal infectious disease, including viruses, bacteria, fungi and protozoa. Common infections caused by these agents will be described. The clinical appearance, diagnostic techniques and treatment will be reviewed for each disease entity.

25. TALENT DEVELOPMENT FOR CLINICAL TEAMS: ADVANCED OPHTHALMIC CLINICAL SKILLS

MATTHEW PARKER, PH.D., DSC, CLSSMBB, PMP, CTC, COMT

Elevate your ophthalmic technical expertise with this advanced-level course designed for experienced technicians ready to expand their clinical capabilities. This comprehensive program builds upon fundamental skills, advancing your knowledge of specialized testing, visual function, and clinical documentation to enhance practice efficiency and patient care.

26. FUNDAMENTALS OF OPHTHALMOLOGY: GLAUCOMA

ERNESTO GOLEZ, MD

This course will describe each type of glaucoma, their causes and associated risk factors. We will discuss the appropriate management and treatment options currently available.

27. OCULOPLASTICS UPDATE 2025

PETER KALLY, MD

This course aims to provide updates on advanced techniques being used in oculoplastics, including emerging new technologies for managing various diseases of the orbit, lacrimal drainage system and eyelid. The pros and cons of new techniques will be discussed in comparison with conventional methods. At the conclusion of this course, the attendee will be better able to describe cutting-edge technologies in oculoplastics.

28. PREMIUM IOL UPDATE 2025

NATALIA BAJENOVA, MD

This course will update learners on the advances in premium intraocular lens (IOL) technology for 2025, including pros and cons, patient selection and lens counseling. This course will also review new lens technology currently being investigated both in the US and abroad and the new IOL options that patients may have in the near future.

29. PEDIATRIC OPHTHALMIC EMERGENCIES & URGENCIES

LAURA HUANG, MD

Urgent and emergent pediatric conditions may present with any number of elusive ophthalmic signs and symptoms. The most challenging step when working with children is to recognize those findings and initiate the appropriate diagnostic evaluation promptly. The purpose of this course is to highlight ophthalmic manifestations of urgent and emergent pediatric conditions and to provide guidelines for their workup and management.

30. TALENT DEVELOPMENT FOR CLINICAL TEAMS: IN-OFFICE PROCEDURES AND INFECTION CONTROL

JANE SHUMAN, MSM, COT, OSC

This course addresses critical aspects of maintaining a safe, sterile environment while performing in-office procedures in eye care settings. Participants will learn evidence-based infection prevention protocols, proper hand hygiene techniques, sterile field maintenance, and best practices for instrument handling and sterilization. The course emphasizes practical applications of CDC guidelines and ophthalmology-specific infection control measures, ensuring patient safety and regulatory compliance while maximizing operational efficiency in your practice.

2025 WORKSHOP SCHEDULE

8:30 – 9:30	<p>31 <u>Pentacam: Clinical Applications for Cataract Surgery</u></p> <p>Jacob Gruber</p>	<p>32 <u>Cirrus HD-OCT: Best Practices</u></p> <p>Connie McKeehen, CCOA</p>	<p>33 <u>Anatomy and Dissection of the Eye</u></p> <p>Tyson Bates, MD Tracy Pitman, COA Serenity Hewett, COA</p>
9:40 – 10:40	<p>34 <u>IOL Master 700: Best Practices</u></p> <p>Connie McKeehen, CCOA</p>	<p>35 <u>Retinoscopy</u></p> <p>Shane Workman, COMT</p>	<p>36 <u>B-scan Examination Techniques</u></p> <p>Tracy Pitman, COA Serenity Hewett, COA</p>
10:50 – 11:50	<p>37 <u>Manual Lensometry</u></p> <p>Shane Workman, COMT</p>	<p>38 <u>Clinical Applications of the Spectralis OCT</u></p> <p>Lenae Gilmore</p>	<p>39 <u>Anatomy and Dissection of the Eye</u></p> <p>William Coburn, MD Tracy Pitman, COA Serenity Hewett, COA</p>
11:50 – 1:00	Lunch	Lunch	Lunch
1:10 – 2:10	<p>40 <u>IOL Master 700: Best Practices</u></p> <p>Connie McKeehen, CCOA</p>	<p>41 <u>Clinical Applications of the Spectralis OCT</u></p> <p>Lenae Gilmore</p>	<p>42 <u>Anatomy and Dissection of the Eye</u></p> <p>Tyson Bates, MD Tracy Pitman, COA Serenity Hewett, COA</p>
2:20 – 3:20	<p>43 <u>Manual Keratometry</u></p> <p>Shane Workman, COMT</p>	<p>44 <u>Cirrus HD-OCT: Best Practices</u></p> <p>Connie McKeehen, CCOA</p>	<p>45 <u>Anatomy and Dissection of the Eye</u></p> <p>William Coburn, MD Tracy Pitman, COA Serenity Hewett, COA</p>
3:30 – 4:30	<p>46 <u>Pentacam: Clinical Applications for Cornea and Refractive Surgery</u></p> <p>Jacob Gruber</p>	<p>47 <u>Retinoscopy</u></p> <p>Shane Workman, COMT</p>	<p>48 <u>B-scan Examination Techniques</u></p> <p>Tracy Pitman, COA Serenity Hewett, COA</p>

WAEPS 2025 Workshop Descriptions

31. PENTACAM: CLINICAL APPLICATIONS FOR CATARACT SURGERY

JACOB GRUBER

This course will cover the basic principles of Scheimpflug imaging technology, image acquisition, optical biometry, and clinical applications for cataract surgery and IOL calculation. The class will include both hands-on instruction and lecture. Upon completion of this workshop, participants should be able to understand the basic principles of Scheimpflug imaging technology and optical biometry, acquire images with the Pentacam, evaluate image and measurement quality and interpret maps and measurements pertinent to cataract surgery and IOL calculations.

32. CIRRUS HD-OCT: BEST PRACTICES

CONNIE MCKEEHEN, CCOA

This course will discuss clinical applications of Cirrus OCT, review proper operation of the instrument and how to read more advanced analysis options. The course will focus on basic and advanced operator techniques and how to overcome difficult obstacles. It will also review the latest advancements in Cirrus OCT capabilities.

33, 39, 42, 45. ANATOMY AND DISSECTION OF THE EYE

TYSON BATES, MD, WILLIAM COBURN, MD, TRACY PITMAN, COA, SERENITY HEWETT, COA

This hands-on workshop will begin with a brief discussion of the anatomy and physiology of the eye including the cornea, iris, ciliary body, zonular apparatus, crystalline lens, vitreous body, retina, choroid and sclera. Following the discussion, participants will perform a guided step-by-step dissection of a pig's eyeball.

34, 40. IOL MASTER 700: BEST PRACTICES

CONNIE MCKEEHEN, CCOA

This course will review basic swept source biometry technology. It will include review of operator technique, how to ensure reliable measurements and how to troubleshoot common obstacles. An IOLMaster 700 instrument will be available for hands-on practice. IOL power calculation and formula capabilities will also be discussed.

35, 43. RETINOSCOPY

SHANE WORKMAN, COMT

This hands-on session will demonstrate and teach retinoscopy using the streak retinoscope and loose lenses. Instruction on recording results will be included. Attendees will have the opportunity to perform retinoscopy on each other and learn techniques to obtain the participant's refractive error.

36, 48. B-SCAN EXAMINATION TECHNIQUES

TRACY PITMAN, COA, SERENITY HEWETT, COA

This course will include a discussion of the terminology and basic principles of diagnostic B-scan examination of the eye and will provide hands-on exposure in the fundamental skills needed to perform a basic B-scan. Attendees will have the opportunity to perform B-scans on each other and learn techniques to obtain an echographic picture of the globe.

37. MANUAL LENSOMETRY

SHANE WORKMAN, COMT

This hands-on session will provide practical instruction and experience in the use of the manual lensometer. Tips will be given to help the technician as well as step-by-step tools in the skill process.

38, 41. CLINICAL APPLICATIONS OF THE SPECTRALIS OCT

BRAD BALLARD, MD

This course will discuss clinical applications of the Spectralis OCT, review proper operation of the instrument and how to read more advanced analysis options. The class will include both hands-on instruction and explain and demonstrate the scan modes, analysis tools and techniques needed to produce high quality scans.

43. MANUAL KERATOMETRY

SHANE WORKMAN, COMT

This hands-on session will provide practical instruction and experience in the use of the manual keratometer. Tips will be given to help the technician as well as step-by-step tools in the skill process.

46. CLINICAL APPLICATIONS OF THE PENTACAM FOR CORNEA AND REFRACTIVE SURGERY

JACOB GRUBER

This course will cover the basic principles of Scheimpflug imaging technology, best practices for operation of the Pentacam system, and applications for corneal evaluation and refractive surgery. The class will include both a lecture and hands-on instruction.

47. MANUAL KERATOMETRY

SHANE WORKMAN, COMT

This hands-on session will provide practical instruction and experience in the use of the manual keratometer. Tips will be given to help the technician as well as step-by-step tools in the skill process.

WAEPS 2025 Acknowledgments

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- Carl Zeiss Meditec
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