



WASHINGTON
ACADEMY OF

EYE PHYSICIANS
& SURGEONS

Ophthalmic Medical Personnel Program

March 20, 2020

**Washington State Conference Center
Seattle, Washington**

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Welcome to the 2020 WAEPS Ophthalmic Medical Personnel Program!

We return to The Conference Center in Seattle to present this exciting 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!

Get Connected, Inspired and Prepared

- Join your fellow colleagues from across the Pacific Northwest to learn about the latest trends and advances in ophthalmology through **thirty unique lectures** from our faculty of highly skilled and dedicated ophthalmologists as they share vital new clinical information, the latest research and study results, and the best clinical practices to help you perform at your very best.

- Be ready for hands-on, interactive learning through **twenty-four clinical workshops** provided by the best clinical application specialists in the industry, including our hugely popular **Eye Anatomy and Dissection** class! Experience first-hand how the lens, retina and optic nerve appear to the surgeon as you dissect real pig eyes under the instruction of an ophthalmologist.



- Hone your examination skills with the new Retinal B-scan Imaging workshop and feel more confident with visualization techniques and recognizing pathology.

Meet the Experts



- We are pleased to welcome back Matthew Parker, PhD, LSSMBB, COMT, CST, OSC, President of ATPO and founder and chief executive of PACT MATTERS, LLC to present **three exclusive courses** to further develop and refine your patient

evaluations and diagnostic testing outcomes:

- Bringing Value Back to History Taking
- The Hand-Held Examination
- The Root of Ophthalmic Dilemmas

- Dr. Parker has over 30 years' experience in ophthalmology and is part of the faculty for ATPO's popular "Train the Trainer" program. Don't miss this chance to learn from a nationally recognized instructor and trainer!

Enjoy New Courses

- Advances in the Glaucoma Pipeline
- Double Down on Double Vision
- New Frontiers in Refractive Surgery
- Systemic Disorders with Corneal Manifestations
- Alternative Medications in the Treatment of Glaucoma
- Pupil Cases: When to Worry, When to Watch
- And many more!

Relax and Rejuvenate

- Relax in-between courses and enjoy a spacious layout, efficient and courteous staff, energizing continental breakfast, delicious buffet lunch, hor d'oeuvres and many other amenities provided for your comfort and ease while you attend the program at **The Conference Center** in Seattle!

Classes fill up quickly, so be sure to register early to secure your preferred courses! And don't forget to take advantage of the **early bird discount** that is available until **February 15!**

We hope that you will not miss out on this **premier** event in eye care education for the Pacific Northwest! We look forward to seeing you there with your friends and colleagues on **March 20th!**



Anndrea Grant, COMT, OSC
WAEPS Ophthalmic Medical
Personnel Program Chair
Northwest Eye Clinic

About This Meeting

Registration:

Please use the online registration form on the WAEPS website, <http://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 and prior to the start of the WAEPS Annual Meeting.

	On or Before Feb 15	After Feb 15
Member Practice	\$185	\$210
Non-Member Practice	\$260	\$285
Student/military tech	\$55	\$65

Accreditation

IJCAHPO, AOC, and OPS Credits have been applied for.

Target audience

Ophthalmic Medical Personnel (all levels of certified and non-certified ophthalmic assistants, opticians and photographers), 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 as you attend classes & workshops

JCAHPO now requires that we document each participant's attendance at each session throughout the day. Prior to the meeting you will receive by mail your nametag, personalized schedule and a set of attendance cards (one for each of your classes).

Be sure to bring these with you on the day of the meeting!

As you enter each classroom, you will 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. So 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.

Cancellations

Cancellation requests must be submitted in writing. There is a \$50.00 fee for cancellation before March 1, 2020. **There are no refunds for cancellations after March 1, 2020.**

Watch for your e-syllabus link

There will be no printed handouts for this meeting. **One week 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)*

Lunch

A delicious buffet lunch is included in your registration. If you choose to leave the building during the lunch break, please be sure to return on time for your next class.

Reception

Immediately following the conclusion of the tech program, please join us for a reception.

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

Hotel accommodations

A room block at a discounted rate of \$249 a night has been reserved at the **Sheraton Grande Seattle Hotel**. Tell them you want to book under the WAEPS Room Block. The location of the hotel is a block from the Washington State Conference Center to make it easy for our attendees and exhibitors to get to the conference. The hotel room comes with complimentary high speed internet in the attendee sleeping rooms. ***The room block is limited and the rate expires on 2/10/20.***

Accessibility

WAEPS encourages participation by all individuals. If you require accommodations, please notify Kim Conn at the WAEPS office at 206-956-3652 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.

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.

Questions regarding registration?

Please contact Ulrich Crous in the WAEPS office at 206-956-3631 or email waeps@waeps.org

2020 Venue

The Conference Center

800 Pike Street • Seattle, WA 98121

Parking

Parking is available in one of the two garages operated by the WSCC:

- WSCC Main Garage, *entrance on Pike & Seneca Streets*, or
- Freeway Park Garage, *entrance on Hubbell Place, between Pike & Seneca Streets*

See map on next page.

Transportation

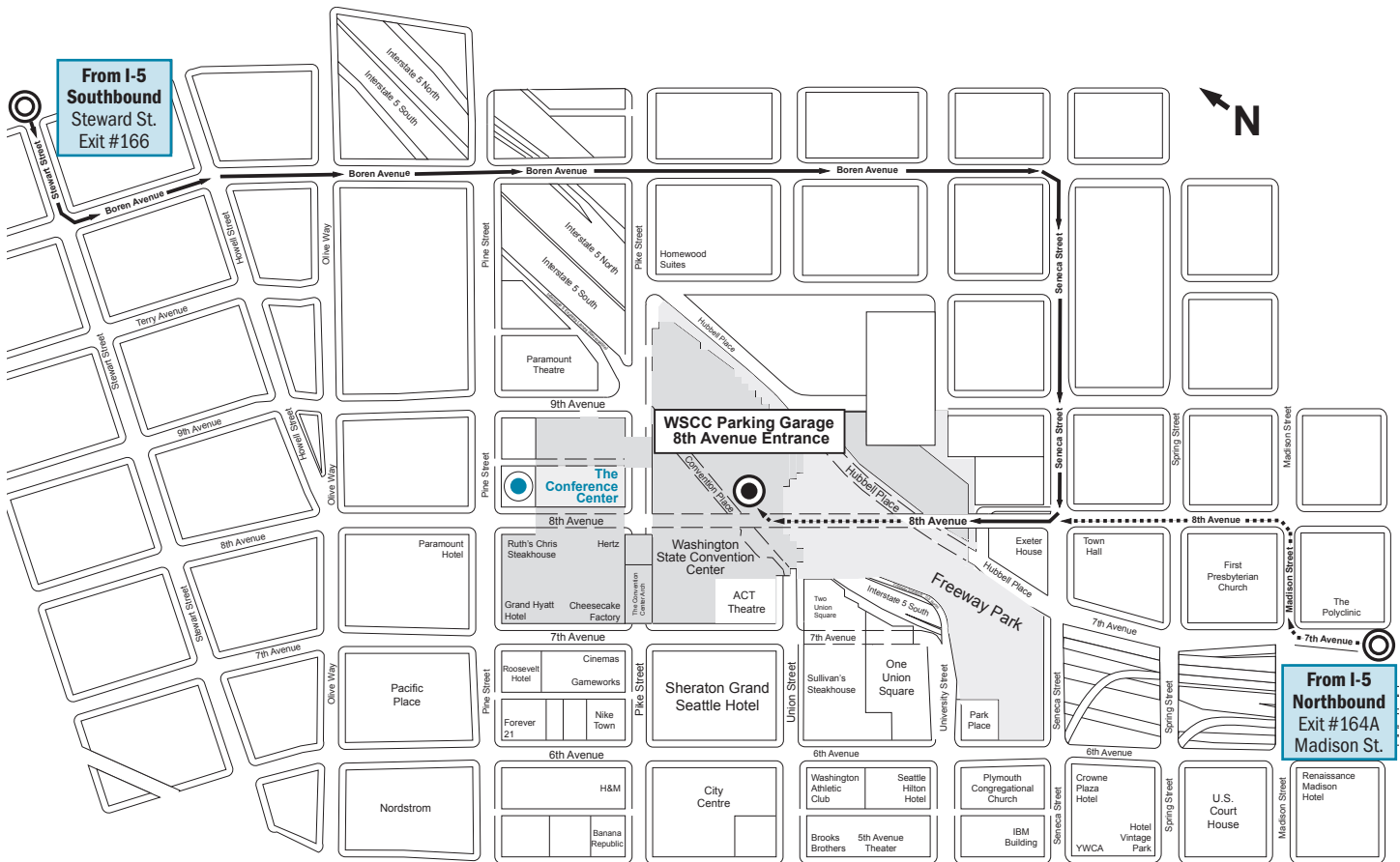
The location of the hotel is a block from the Washington State Conference Center to make it easy for our attendees and exhibitors to get to the conference. For more information, visit the Metro Transit and Sound Transit websites to plan your trip by public transportation.

About this Meeting *(continued)*

Washington State Convention Center

Directions to WSCC Parking Garage
8th Avenue Entrance
Maximum Vehicle Height 6' 5"

2020 Venue: The Conference Center
800 Pike Street • Seattle, WA 98121



➔ FROM I-5 SOUTHBOUND

- Interstate 5 Southbound
- Stewart Street exit (#166)
- Left on Boren Avenue
- Continue on Boren Avenue to Seneca Street
- Right on Seneca Street
- Right on 8th Avenue
- Garage entrance is on your right

➔ FROM I-5 NORTHBOUND AND I-90 WESTBOUND

- Interstate 5 Northbound
- Madison Street exit (#164A) takes you to 7th Avenue
- Right on Madison Street
- Left on 8th Avenue
- Continue past Seneca Street on 8th Avenue
- Garage entrance is on your right

2020 LECTURE SCHEDULE

LECTURE SPEAKER

8:30 – 9:30	1 A Technician's Guide to Angle Closure Glaucoma ▶ Ernesto Golez, MD	2 Pharmacology Update 2020 ▶ Martha Leen, MD and Paul Kremer, MD	3 Ouch: The Red, Painful Eye ▶ Elizabeth Grace, MD	4 Surgical Management of Eyelid Malpositions and Defects ▶ Jean Kassem, MD	5 Retinoblastoma: Basics of Diagnosis and Treatment ▶ Andrew Stacey, MD
9:40 – 10:40	6 Great Expectations: Informed Consent ▶ Andrew Iwach, MD, and Anne Menke RN, PhD	7 Orbital Cellulitis ▶ Austin Ellyson, DO	8 Ocular Trauma and Management ▶ Natalie Miller, MD	9 Post-operative Complications of Cataract Surgery ▶ Matthew Cardinale, DO	10 Pupil Cases: When to Worry, When to Watch ▶ Ryan Steck, DO
10:50 – 11:50	11 Diabetes and the Eye ▶ James Bailey, MD	12 Medical Missions in Ophthalmology ▶ Mike Brush, MD	13 Vitreoretinal Surgery for Macular Disease ▶ Yewlin Chee, MD	14 Double Down on Double Vision ▶ Stephanie Cramer, MD	15 The Hand-Held Examination ▶ Matthew Parker, PhD, LSSMBB, COMT, CST, OSC
11:50 – 1:00	LUNCH				
1:10 – 2:10	16 Technicians on the Front Lines of the Uveitis Work Up ▶ Thellea K. Leveque, MD, MPH	17 Advances in the Glaucoma Pipeline ▶ John Samples, MD	18 Neuro-ophthalmology of Pituitary Tumors ▶ Steve Hamilton, MD	19 DAO to Beautiful, Healthy Eyes ▶ Laura Periman, MD	20 Bringing Value Back to History Taking ▶ Matthew Parker, PhD, LSSMBB, COMT, CST, OSC
2:20 – 3:20	21 Alternative Medications in the Treatment of Glaucoma ▶ John Samples, MD	22 Retinal OCT: Image Interpretation ▶ Yicheng X. Chen, MD	23 New Frontiers in Refractive Surgery ▶ Audrey Talley Rostov, MD	24 Back to Basics on IOLs: the What, How, Why and Who ▶ Kristi Bailey, MD	25 Systemic Disorders with Corneal Manifestations ▶ Devin Harrison, MD
3:30 – 4:30	26 Dermatology and the Eye ▶ Brian Roth, MD	27 The Root of Ophthalmic Dilemmas ▶ Matthew Parker, PhD, LSSMBB, COMT, CST, OSC	28 Neurotoxins, Fillers and Lasers in Oculofacial Plastic Surgery ▶ Zachary Joos, MD	29 Retinopathy of Prematurity Update ▶ Michelle (Mimi) Trager Cabrera, MD	30 All About LASIK ▶ Michele Lee, MD

WAEPS 2020 Lecture Descriptions

01 A Technician's Guide to Angle Closure Glaucoma | Ernesto Golez, MD

This course will help the attendee identify the risk factors, signs and symptoms of angle closure glaucoma. Diagnostic tests as well as treatment options will also be discussed.

02 Pharmacology Update 2020 | Martha Leen, MD and Paul Kremer, MD

This course will provide an update on medications that are available for the treatment of both glaucoma and anterior segment diseases. Pharmacology indications and side effects will be discussed.

03 Ouch: The Red, Painful Eye | Elizabeth Grace, MD

Do any weeks not have urgent cornea patients? An ulcer walks into the office...what next? This course will be an instructional discussion on the approach to diagnosis and management of ulcerative keratitis.

04 Surgical Management of Eyelid Malpositions and Defects | Jean Kassem, MD

This course will provide the participant with a broad overview of the most common surgical eyelid problems. The course will cover eyelid surgeries including upper and lower eyelid functional and cosmetic procedures, as well as eyelid tumors and reconstructions. The focus will be on surgical indications and techniques as well as postoperative care.

05 Retinoblastoma: Basics of Diagnosis and Treatment | Andrew Stacey, MD

The course will explore the presentation of retinoblastoma including the common cancer masquerades that can mimic retinoblastoma. We will learn about classification criteria and the current treatment options. At the conclusion of this course, attendees will be able to understand and discuss the current dilemmas involved in the treatment of this important disease.

06 Great Expectations: Informed Consent – What Plaintiff Attorneys Don't Want You to Know | Andrew Iwach, MD and Anne Menke RN, PhD

This course discusses the importance of the informed consent process when treating patients and ensuring that patient expectations are in line with the information discussed and agreed

upon by patients. The course will also discuss the basics of informed consent and how to handle special circumstances such as consent from elderly patients, for minors and the use of surrogates to make health care decisions. Real closed OMIC claims will be used to illustrate the liability risk if these issues are not handled properly.

07 Orbital Cellulitis | Austin Ellyson, DO

This course will provide an overview of orbital cellulitis. We will discuss the basic anatomy of the orbit and the key characteristics and differences between orbital cellulitis and pre-septal cellulitis. Signs and symptoms of the disease, evaluation methods, medical therapy and surgical intervention will also be reviewed.

08 Ocular Trauma and Management | Natalie Miller, MD

This course will describe the classifications of eye trauma and provide an overview of the treatment options available to manage different types of ocular trauma.

09 Post-operative Complications of Cataract Surgery | Matthew Cardinale, DO

What are the common complications of cataract surgery and how can you identify them? This lecture will help expand your understanding of cataract complications, how to recognize them during a screening examination and what should be done to manage these complications.

10 Pupil Cases: When to Worry, When to Watch | Ryan Steck, DO

This course will present a variety of pupil cases and will discuss causes of anisocoria and APD. Descriptions of life-threatening pupil problems and definitions of benign etiologies will be reviewed. Proper examination techniques will also be discussed.

11 Diabetes and the Eye | James Bailey, MD

This course will present a comprehensive overview of diabetic retinopathy and describe the various stages of the disease. Pathology, clinical presentation, diagnosis and treatment options including anti-VEGF and laser therapies will be discussed.

WAEPS 2020 Lecture Descriptions *(continued)*

- 12 Medical Missions in Ophthalmology | Mike Brush, MD**
Interested in medical missions or volunteering in ophthalmology? Come learn about the country of Ethiopia and the progress they are making towards addressing the primary cause of reversible blindness—cataracts! This course will highlight Dr. Brush’s experiences working with the Himalayan Cataract Project over the last five years, both in high-volume cataract outreach camps using Manual Small Incision Extracapsular techniques and in surgical training of phacoemulsification. By outlining the challenges faced while delivering ophthalmic care in sub-optimal conditions, the attendee will gain a greater understanding of how to apply ophthalmic skills outside of the normal clinical environment. Prepare to be moved and inspired by the photos and personal stories from patients that he will also share.
- 13 Vitreoretinal Surgery for Macular Disease | Yewlin Chee, MD**
This course will provide a comprehensive review of the macular diseases requiring surgical management. We will discuss the diagnostic imaging necessary for the evaluation of each condition and describe the various techniques we use in vitreoretinal surgery.
- 14 Double Down on Double Vision | Stephanie Cramer, MD**
This course will review the cranial nerves innervating the extraocular muscles, pupils and eyelids. It will cover key clinical and pathological findings of cranial nerve palsies and provide the technician with pearls for the patient history, exam workup, diagnostic testing and documentation of results for the proper evaluation of these conditions.
- 15 The Hand-Held Examination | Matthew Parker, PhD, LSSMBB, COMT, CST, OSC**
The least used hand-held equipment can provide critical information adding a better understanding and examination discoveries during the technician’s workup. This course will breathe new life in utilizing the retinoscope, direct ophthalmoscope, transilluminator, near vision card and hand-held lenses to maximize accuracy of the examination. It’s time to blow-off the dust and make magic.
- 16 Technicians on the Front Lines of the Uveitis Work Up | Thellea K. Leveque, MD, MPH**
Who is the first point of contact for the uveitis work up? The technician! Learn how the proper recording of disease symptoms, general health and medication exposures are critical in solving these tough cases. Understand the impact of fluorescein dye, numbing drops, and dilating drops in altering the physical findings on slit lamp exam. Explore the medical significance of measuring refraction and eye pressure as a part of the uveitis work up. This interactive discussion will highlight the front line history and exam and the importance of the technician’s role the work up of suspected uveitis cases.
- 17 Advances in the Glaucoma Pipeline | John Samples, MD**
This course will review new glaucoma drugs including nitric oxide donating compounds and rho kinase inhibitors. We will discuss how new data suggests that the rho kinase inhibitors may be useful for optic nerve protection, corneal endothelial cell protection and lowering of intraocular pressure, as well as having a role in treating corticosteroid and anti-VEGF causes of glaucoma. We will also discuss other newer drugs including an entirely new strategy for stimulating the prostaglandin receptors, the addition of a nitric oxide group to bimatoprost and the advent of the potassium channel blocker class.
- 18 Neuro-ophthalmology of Pituitary Tumors | Steve Hamilton, MD**
This course will be a review of the signs and symptoms of pituitary tumors, with emphasis on a review of the anatomy of the afferent visual pathways. We will highlight the use of visual fields and OCT in diagnosing these tumors and their management over time. The participant should be able to recognize and alert providers of worrisome visual field patterns suggestive of a chiasmal syndrome like a pituitary tumor.
- 19 DAO to Beautiful, Healthy Eyes | Laura Periman, MD**
This course will explore the overlaps between dermatology, aesthetics and ophthalmology.

WAEPS 2020 Lecture Descriptions *(continued)*

- 20 Bringing Value Back to History Taking | Matthew Parker, PhD, LSSMBB, COMT, CST, OSC**
Too often we have so many blanks unfilled when it comes to capturing a valuable patient history. How many times has the technician received a different response from the patient than his/her physician? This course outlines carefully designed templates for capturing valuable medical information using a doctor/technician team approach to history taking. It's not always about saving time. It's about putting trust in your work to master the patient's responses. Simply, bringing value back to history taking.
- 21 Alternative Medications in the Treatment of Glaucoma | John Samples, MD**
It is absolutely essential that glaucoma patients adhere to conventional therapeutic regimens. However, many patients want something more for treatment. How should such requests be handled? This course will discuss how dietary therapeutic agents may address cellular causes of glaucoma problems including blood flow in the optic nerve, the stiffness of the trabecular meshwork in high pressure glaucoma and neuroprotection. The theoretical evidence for the following agents to be used in the treatment of glaucoma will be discussed: Goji berries, melatonin, resveratrol, kale and flavonoids, marijuana, ginkgo bilboa, curcumin and turmeric, fish oil, CoQ10 and high coca content dark chocolate. Several case presentations will be reviewed.
- 22 Retinal OCT: Image Interpretation | Yicheng X. Chen, MD**
This course will be an interactive discussion of basic and advanced retinal OCT interpretation. The lecture will provide an introduction to OCT technology and a review of cross sectional retinal anatomy. Current terminology for OCT interpretation will also be reviewed. The course participants will be asked to comment on and discuss the OCT images that will be used to illustrate retinal pathology of common diseases.
- 23 New Frontiers in Refractive Surgery | Audrey Talley Rostov, MD**
This course will update attendees on the latest laser procedures being performed today for refractive surgery. Indications for these new procedures, surgical techniques, post-op management, as well as decision-making about who are good candidates will be discussed.
- 24 Back to Basics on IOLs: the What, How, Why and Who | Kristi Bailey, MD**
The course will discuss IOL types, materials, design, and performance characteristics. Factors influencing IOL selection for the individual cataract surgery patient will also be reviewed including patient visual goals and ocular health.
- 25 Systemic Disorders with Corneal Manifestations | Devin Harrison, MD**
Eyes have often been called the "window" to the rest of the body, a tribute to the many systemic diseases whose ocular findings can lead to accurate diagnoses. This course will discuss the corneal exam findings associated with systemic diseases and their appropriate management.
- 26 Dermatology and the Eye | Brian Roth, MD**
This course will help the ophthalmic technician become familiar with the common terminology used in dermatology and then apply that to skin findings of the eyelids and face. The course will also cover most of the important skin lesions seen in ophthalmology with an emphasis on recognizing premalignant and malignant lesions. Small doses of fun and laughter will be included.
- 27 The Root of Ophthalmic Dilemmas | Matthew Parker, PhD, LSSMBB, COMT, CST, OSC**
Problem-solving can be a daily activity in Ophthalmology; moreover, problem recognition is paramount. This short course introduces general knowledge in Root Cause Analysis and Case Presentations of the rewards and discoveries that enhanced patient and surgical care. Embracing a standardized methodology is a critical part of our everyday clinical activities that leads to uncompromised patient care.
- 28 Neurotoxins, Fillers and Lasers in Oculofacial Plastic Surgery | Zachary Joos, MD**
This lecture will review the current use of neurotoxins (botulinum toxins), soft tissue augmentation with the use of hyaluronic acid fillers (and other types), as well as the use of laser light to treat skin disorders in both cosmetic and reconstructive oculofacial plastic surgery. Their use both as stand-alone treatments as well as adjuncts to surgical procedures will be discussed.

WAEPS 2020 Lecture Descriptions *(continued)*

29 Retinopathy of Prematurity Update | Michelle (Mimi) Trager Cabrera, MD

This course will provide an update on retinopathy of prematurity and help attendees understand the global burden of ROP. We will discuss modern management of ROP including screening eye examinations and telemedicine, and attendees will learn about new modalities in the treatment of ROP.

30 All About LASIK | Michele Lee, MD

LASIK is a commonly performed eye surgery used to correct refractive error. While most patients do very well, there are potential risks to LASIK, including dry eye, spherical aberrations, flap-related complications, inflammation and infection, which may lead to permanently decreased vision and eye pain. This course will explain the basic principles behind LASIK and refractive surgery, describe the principles behind patient selection and postoperative management and discuss potential pitfalls and complications of the procedure.

2020 WORKSHOP SCHEDULE

WORKSHOP INSTRUCTOR

8:30 – 9:30	31 Pentacam: Clinical Applications for Cataract Surgery ▶ Charles Roberts	32 Cirrus HD-OCT: Best Practices ▶ Connie McKeehen, CCOA	33 Clinical Applications of the Spectralis OCT ▶ Amanda Bye and Rich Cornwell, CRA	34 Anatomy and Dissection of the Eye ▶ Matthew Snider, MD and Tracy Pitman, COA
9:40 – 10:40	35 IOL Master 700: Best Practices ▶ Connie McKeehen, CCOA	36 Manual Lensometry ▶ Stephen Carow, COMT, OCS	37 Slit Lamp Examination Techniques ▶ Parisa Taravati, MD	38 Anatomy and Dissection of the Eye ▶ Matthew Snider, MD and Tracy Pitman, COA
10:50 – 11:50	39 Clinical Applications of LENSTAR Optical Biometry: Advanced ▶ Cara Fletcher and Robert Bowling, BASc, COA	40 Basic Ocular Motility ▶ Claire Callaghan, CO, COMT	41 Manual Keratometry ▶ Stephen Carow, COMT, OCS	42 Retinal B-scan Imaging ▶ Tracy Pitman, COA
11:50 – 1:00	LUNCH			
1:10 – 2:10	43 Intermediate/Advanced Ocular Motility ▶ Claire Callaghan, CO, COMT	44 Manual Lensometry ▶ Stephen Carow, COMT, OCS	45 Clinical Applications of LENSTAR Optical Biometry: Advanced ▶ Cara Fletcher and Robert Bowling, BASc, COA	46 Anatomy and Dissection of the Eye ▶ Matthew Snider, MD and Tracy Pitman, COA
2:20 – 3:20	47 Cirrus HD-OCT: Best Practices ▶ Connie McKeehen, CCOA	48 Slit Lamp Examination Techniques ▶ James Bailey, MD	49 Manual Keratometry ▶ Stephen Carow, COMT, OCS	50 Anatomy and Dissection of the Eye ▶ Matthew Snider, MD and Tracy Pitman, COA
3:30 – 4:30	51 Pentacam: Clinical Applications for Cornea and Refractive Surgery ▶ Charles Roberts	52 IOL Master 700: Best Practices ▶ Connie McKeehen, CCOA	53 Clinical Applications of the Spectralis OCT ▶ Amanda Bye and Rich Cornwell, CRA	54 Retinal B-scan Imaging ▶ Tracy Pitman, COA

WAEPS 2020 Workshop Descriptions

- 31 Pentacam: Clinical Applications for Cataract Surgery | Charles Roberts**
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, 47 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, 53 Clinical Applications of the Spectralis OCT | Amanda Bye, CRA and Rich Cornwell, CRA**
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.
- 34, 38, 46, 50 Anatomy and Dissection of the Eye | Matthew Snider, MD and Tracy Pitman, 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.
- 35, 52 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.
- 36, 44 Manual Lensometry | Stephen Carow, COMT, OCS**
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.
- 37, 48 Slit Lamp Examination Techniques | Parisa Taravati, MD and James Bailey, MD**
This lecture and hands-on workshop will demonstrate techniques such as sclerotic scatter, direct and indirect focal illumination, specular reflection and narrow- vs. wide-beam illumination. Participants will have the opportunity to practice these techniques as they perform slit lamp examinations on each other. Upon completion of this course, participants should be able to identify the techniques used in a slit lamp examination and demonstrate the correct use of each technique.
- 39 Clinical Applications of LENSTAR Optical Biometry: Intermediate | Cara Fletcher, COA and Robert Bowling, BSc, COA**
This intermediate course will demonstrate and teach the clinical applications of the LENSTAR optical biometer. The course will cover the following principles: 1) proper operator techniques; 2) review of data analysis and standard deviations; 3) IOL calculations and formulae; 4) the Dense Cataract Measurement Mode; 5) an overview of the optional Toric Surgical Planner and T-cone; 6) NEW EyeSuite Update; and 7) hands-on experience with the LENSTAR.
- 40 Basic Ocular Motility | Claire Callaghan, CO, COMT**
This interactive, hands-on workshop will provide an introduction to and discuss the assessment methods for the basic evaluation of ocular motility and binocularity.
- 41, 49 Manual Keratometry | Stephen Carow, COMT, OCS**
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.
- 42, 54 Retinal B-scan Imaging | Tracy Pitman, 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.

WAEPS 2020 Workshop Descriptions *(continued)*

43 Intermediate/Advanced Ocular Motility | Claire Callaghan, CO, COMT

This interactive workshop will review and discuss the assessment methods for intermediate to advanced evaluation of ocular motility and binocularity.

45 Clinical Applications of LENSTAR Optical Biometry: Advanced | Cara Fletcher, COA and Robert Bowling, BSc, COA

This advanced course will demonstrate and teach the clinical applications of the LENSTAR optical biometer. The course will cover the following principles: 1) IOL calculations and formulae; 2) the Dense Cataract Measurement Mode; 3) a detailed overview of the optional Toric Surgical Planner; 4) IOL constant optimization; 5) the RBF Post-op Data Export; 6) IOL entry and surgeon template building; 7) Pearls for acquiring and reviewing challenging cases; and 8) NEW EyeSuite Update.

51 Clinical Applications of the Pentacam for Cornea and Refractive Surgery | Charles Roberts

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.

WAEPS 2020 Acknowledgments

WAEPS expresses sincere appreciation to all our corporate sponsors, vendors and equipment companies for their ongoing support and generous loan of instruments to be used in the workshops.

Special Thanks to our Corporate Sponsors and Equipment Companies:

- Carl Zeiss Meditec
- Heidelberg Engineering
- Ellex, Inc.
- Northwest Eye Clinic, Inc
- Eye Associates Northwest, P.C.
- Retina Consultants of Seattle, P.C.
- Oculus
- Walman Instrument Group
- Haag-Streit

Special Thanks to our Exhibitors

- Allergan
- Horizon Therapeutics
- Novartis
- Beaver Visitec International Inc.
- Johnson & Johnson
- Oasis Medical Inc
- Custom Ocular Prosthetics
- Lenstec, Inc.
- Omeros Corporation
- Ellex Inc.
- Modernizing Medicine
- OMIC
- FCI Ophthalmics
- New World Medical
- PACT Matters, LLC
- Glaukos Corp.
- NIDEK Inc.
- ZEISS Meditec, Inc.
- Heidelberg Engineering
- Northwest Eye Design

List current as of Jan. 16, 2020. An updated list of exhibitors will be provided at the meeting.

WAEPS

2001 6th Avenue, Suite 2700
Seattle, Washington 98121

<http://www.waeps.org/annual-meeting>

206-956-3646

waeps@waeps.org



WASHINGTON
ACADEMY OF
EYE PHYSICIANS
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Register by February 15, 2020 to receive an early bird discount!

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