

Session List

Full Schedule		
Date/Time	Session	Room
1/26/2019 11:00 AM -to- 12:00 PM	<p>Ocular Surface Disease: Tips and Tools to Go Beyond Dry Eye Crystal M. Brimer, OD Holistically and scientifically devise your treatment plan, whether incorporating traditional or advanced treatments, according to patient presentation and etiology. Without a formula, the success of ocular surface treatments can be hit or miss, but utilizing a systemic approach creates outcome predictability and clinical confidence. This course offers a broad overview on where to start in creating an algorithm that works for your office.</p>	Treatment
1/26/2019 11:00 AM -to- 12:00 PM	<p>Grand Rounds: Neuro-Ophthalmology and Systemic Disease Brian R. Hall, OD, FAAO A series of grand round cases are used to discuss the relationship between systemic and neuro-ocular disease. Appropriate diagnostic work up based on neuro-ophthalmic findings are reviewed. The ocular side effects of various medications used in the treatment of systemic disease and the recommendations for monitoring for adverse effects are covered.</p>	Systemic
1/26/2019 11:00 AM -to- 12:03 PM	<p>VSP AUDITS AND HEARINGS CIRCA 2019 Craig S. Steinberg, OD, JD If you are a VSP provider you may be surprised to find out that, no matter where you practice, your VSP contract is controlled by California law. In 2018, at the request of VSP, California passed a new law specifically addressing VSP audits and the rights of doctors being audited. This course will address VSP audits generally – how to avoid being audited, what VSP looks for in their audits, how to respond when audited, and how to win if you are audited – and will specifically address changes to the VSP auditing and hearing process that take effect in 2019. Where helpful, VSP auditing will be compared with Medicare auditing procedures and rights.</p>	Practice Management
1/26/2019 11:00 AM -to- 1:00 PM	<p>Contemporary Keratoconus Management – Crosslinking and Beyond Clark Y. Chang, OD, MSA, MSc, FAAO Christopher Rapuano, MD Keratoconus (KCN) may severely limit all aspects of our patients' lives. It's imperative for primary eye care providers to guide patients through treatment recommendations that can best maintain their quality of life. This course will discuss the most current KCN management protocols including disease stabilization as well as a diverse range of adjunctive surgical and non-surgical innovations.</p>	Gen Optometry
1/26/2019 12:00 PM -to- 1:00 PM	<p>Dry Eye That's Not Dry Eye Whitney Hauser, OD All burning, irritated eyes aren't "dry eye." This course will present several anterior segment cases that were initially misdiagnosed as Dry Eye Disease. Attendees will be offered case history, exam data and diagnostics testing results to interactively arrive at the proper conclusion. The course takes a deep dive into potential differential diagnoses that mimic Dry Eye Disease. Each case reviewed are conditions commonly seen in optometric practice and offer clinical application.</p>	Treatment
1/26/2019 12:00 PM -to- 1:00 PM	<p>Ocular Manifestations of Systemic Disease Brian R. Hall, OD, FAAO This course will review common systemic diseases and the ocular pathologies they cause. Systemic and ocular management of each disease will be reviewed. Clinical studies reviewing both past and current management of the systemic disease, as well as the ocular pathology associated will be presented. Cases will be discussed to highlight the current management of each ocular disease.</p>	Systemic
1/26/2019 12:03 PM -to- 1:00 PM	<p>Help Wanted: Help For Hire Justin Bazan, OD Brandon Or, OD If either you are a practice owner looking to hire an ideal associate or you are an OD looking to join your dream practice then this is the course for you. Listen from the perspective of both sides. Dr. Justin Bazan had been in practice for over 5 years and wanted to hire an ideal associate. He will share his process from making the decision to hire one, to attracting the right candidates, to evaluating them, to hiring them and implementing them into the practice. Dr. Brandon Or was a new grad of becoming an associate at a practice that had what she was looking for. Hear her process of how he was able to market herself and ultimately land her dream job.</p>	Practice Management
1/26/2019 1:00 PM -to- 2:00 PM	<p>Building your myopia management practice. How the experts do it Dr. Gary Gerber, CEO "Why haven't I heard about this before?" It's a question parents routinely ask that has stymied hundreds of doctors and put many more myopic kids' vision at risk.</p>	Gen Optometry

	<p>While myopia management should be a viable part of most optometry practices, lack of awareness by consumers continually frustrates doctors who try to build this part of their practice. Based on years of practice management and consulting experience and using that experience to build the country's only practices exclusively dedicated to myopia management, Dr. Gary Gerber shares the tips, techniques, strategies and secrets he's used to build Treehouse Eyes – practices that only do myopia management. These practices have no primary case base to draw from, accept no insurance and don't sell eyeglasses. Yes – it can, and IS being done!</p>	
1/26/2019 1:00 PM -to- 2:00 PM	<p>The Price of Beauty: Aesthetics and Ocular Surface Disease Jennifer Lyerly With the cosmetics and beauty industries thriving, doctors are also seeing dramatic increases in patients with dry eye and ocular surface disease, even in younger patients. Through this course you will be introduced to common cosmetics and beauty procedures, their potential ocular side effects, and strategies for educating and managing ocular surface disease side effects.</p>	Treatment
1/26/2019 1:00 PM -to- 2:00 PM	<p>Concussion: What's Vision Got to Do With It? DeAnn Fitzgerald, OD This course will focus on concussion and concussion management with an emphasis on vision. Whether optometrists provide vision rehabilitation or primary care services, concussions can affect all of our patients. Practical ideas and tips to help student athletes function at the highest level will be provided.</p>	Systemic
1/26/2019 1:15 PM -to- 2:15 PM	<p>Is Private Equity Right For You? Benjamin S. Chudner, OD, FAAO With private equity spending millions of dollars buying up independent practices throughout North America, it is important to understand if this opportunity is right for you and your practice. This course will review several private equity groups, how optometric practices are valued, and what you can expect from the beginning of the process through the close of the sale.</p>	Practice Management
1/26/2019 2:00 PM -to- 3:00 PM	<p>The Eye in Sleep Apnea Joseph Pizzimenti, OD Sleep apnea syndrome (SAS) is a disease characterized by recurrent complete or partial upper airway obstructions during sleep. Risk factors for SAS include obesity, male sex, upper airway abnormalities, alcohol use, snoring, and wide neck girth. Reported ophthalmic findings in patients with SAS include floppy eyelid syndrome, glaucoma, keratoconus, and non-arteritic anterior ischemic optic neuropathy (NAION). This course provides clinically relevant information on sleep apnea syndrome and its ophthalmic implications.</p>	Systemic
1/26/2019 2:00 PM -to- 3:02 PM	<p>Risky Business: The Major Risk Factors in Glaucoma Dr. Graham Lakkis A number of systemic and ocular risk factors are associated with both the development and progression of glaucoma, some more significantly than others. This lecture will provide a detailed overview of the major genetic systemic and ocular risk factors in glaucoma and allow the practitioner to properly consider risk factor analysis in glaucoma management.</p> <p>At the end of this presentation, participants should be able to:</p> <ul style="list-style-type: none"> - correctly identify systemic and ocular risk factors for glaucoma - apportion relative risk in glaucoma management - recognise that risk factors vary between glaucoma diagnosis and glaucoma progression 	Gen Optometry
1/26/2019 2:00 PM -to- 4:00 PM	<p>OCT and Beyond in Ocular and Systemic Disorders Jerome Sherman, OD, FAAO Myriad technologies exist to measure structure and function of the eye and visual system to detect ocular as well as systemic disease. In addition to OCT and OCT-A, FAF, UBM, objectiveField, LIV, VEP, Hand Carotenoid Scanner, Rabin Cone and NeuroVision imaging will be explored with exemplary cases.</p>	Treatment
1/26/2019 2:15 PM -to- 3:15 PM	<p>Maximizing Profit: Opt-out and Alternative Lens Sourcing Mark Sturm, O.D. This course discusses how to understand and profit from the lab "opt-out" process. Alternative lens sourcing and sales strategies are also explained in detail. Profitability examples and brief case studies highlight the role of alternative sourcing in maximizing profitability in both opt-in and opt-out offices. This course is valuable to anyone looking to increase profit in their optical, regardless of whether they practice in an opt-out state or not.</p>	Gen Optometry
1/26/2019 2:15 PM -to- 4:20 PM	<p>The Optometric Physician a critical member of the healthcare system in the diagnosis of diabetes Kerry Gelb, OD Jeffrey Gold DO, FACC An inside look how cardiology and optometry can work together to prevent the onslaught of this deadly disease</p>	Practice Management

1/26/2019 3:00 PM -to- 4:00 PM	<p>Eye Cancers Across the Lifespan Joseph Pizzimenti, OD Some eye cancers, such as retinoblastoma, present very early in life, while others are more common in adults. Ocular and orbital tumors may be primary or metastatic to the eye from a distant site. The goal of this course is to provide current and accurate information the eye in neoplastic disease. Clinical cases are used to illustrate diagnostic guidelines, work-up, and treatment and management strategies.</p>	Systemic
1/26/2019 3:02 PM -to- 4:00 PM	<p>Glaucoma: Mistakes I've Made (and Lessons I've Learned) Dr. Graham Lakkis Although generally straightforward to diagnose and treat, sometimes glaucoma management can go awry and sub-optimal outcomes can occur. This lecture will discuss the areas of misadventure in glaucoma that can result in litigation, highlight the main glaucoma masqueraders to watch out for, and provide strategies on how to minimise clinical errors.</p> <p>At the end of this presentation, participants should be able to: - identify the three main causes of litigation in glaucoma - recognise glaucoma masqueraders that can confound diagnosis - incorporate strategies to minimise errors in glaucoma management</p>	Gen Optometry
1/26/2019 4:00 PM -to- 5:02 PM	<p>Unlocking the Success to Refractive Cataract Surgery Clark Y. Chang, OD, MSA, MSc, FAAO Beeran Meghpara, M.D. Custom refractive cataract surgery can significantly improve your patient's vision and life. This course will discuss the various ocular conditions that can interfere with patients' clinical outcomes. Speakers will share pre-operative management strategies required to control these diseases, and help you deliver the clinical results that will optimize patient satisfaction.</p>	Gen Optometry
1/26/2019 4:15 PM -to- 5:15 PM	<p>10 Hacks for OCT Interpretation in Glaucoma Mark T. Dunbar, OD, FAAO The OCT has emerged as a critical tool in diagnosis and management of glaucoma. Not only can it help differentiate normal from abnormal optic nerves but it can help diagnose pre-perimetric glaucoma and document progression before it is seen on a visual field. This course will discuss 10 key tips and tricks for using the OCT in managing glaucoma.</p>	Treatment
1/26/2019 5:02 PM -to- 6:00 PM	<p>Sports Vision Therapy - Procedures and Activities Alexandar Andrich, OD, FCOVD Let the games begin! Sports vision therapy is one of the best kept secrets in all of sports. With the advancement in technology for therapy procedures and activities, optometrists are poised to be the leaders in the field of performance enhancement. Specific activities will be discussed along with demonstrations.</p>	Gen Optometry
1/26/2019 5:15 PM -to- 6:15 PM	<p>As Seen on TV (or How Patient Self-Directed Care Can Sabotage Your Best OSD Management Plan) Katherine M. Mastrotta, MS, OD, FAAO This course will explore television and internet/social media-advertised treatments, procedures and products used/applied in and around the oculars surface that can impact the health and function of the ocular surface. Included is comment on environmental considerations that are also responsible for detrimental effects to this delicate system.</p>	Treatment
1/26/2019 5:15 PM -to- 6:15 PM	<p>Ocular Side Effects of Systemic Drugs Richard S Witlin MD, FACS Most of our patients take Oral systemic medications for a variety of reasons. Oftentimes, the prescribing doctors are unaware of the ocular side-effects of these medications. It behooves the optometric physician to be the provider who both can recognize and treat the ocular complications of these drugs and supplements. This course is a comprehensive overview of this topic</p>	Systemic
1/26/2019 6:00 PM -to- 7:00 PM	<p>MYOPIA TREATMENT – THE SCIENCE AND CLINICAL TREATMENT Jeffrey S. Cooper, OD, MS, FAAO This course assumes a knowledge of the risk factors of myopic progression and development. We will review the literature of myopia control in regard to current treatment, i.e. progressive (bifocal) lenses, ortho keratology (OK), multifocal contact lenses, outside exposure and atropine. We will then develop a clinical guideline of use, e.g. when to use progressive, lenses, atropine and what strength, ortho K, etc. In addition, we will discuss the additive effects of each treatment; monitoring the patient for progression; and what to do; and when or if we should stop treatment.</p>	Gen Optometry
1/26/2019 6:15 PM -to- 7:15 PM	<p>Jumping to Light Speed: Exploring the scientific and clinical efficacy of Intense Pulse Light for the DryEye and MGD patients. Laura Periman, MD There's a lot of targets to hit when planning comprehensive treatments for the DryEye/MGD patients. With a playful slant, we will explore the science and</p>	Treatment

	published literature on Intense Pulsed Light therapy as well as the adjuncts in a comprehensive treatment plan.	
1/26/2019 6:15 PM -to- 7:15 PM	<p>The Battle of the Bulge...Its All About the Backside Andrew S. Morgenstern, OD FAAO FNAP We Can Save Vision Understanding the Corneal Shape and Mechanics in Keratoconus</p> <p>This lecture will focus on all of the most current information from around the world on corneal shape, keratoconus and CXL. Most importantly, it will highlight the detection of corneal ectatic disease by examining and evaluating the elevation, shape and risk factors of the posterior aspect of the cornea using advanced Scheimpflug technology. Relevant evidence based data and opinions from this conference will be highlighted shared by the panel with the students attending the course. Particular focus will be placed on the Optometric role in Keratoconus and CXL with emphasis on current and future diagnostic methods and corneal biomechanics. The extensive personal experience of the panel will be shared with the students through Q/A opportunities at the end of the presentation.</p>	Systemic
1/26/2019 7:15 PM -to- 8:15 PM	<p>TBI "SCHOOL OF HARD KNOCKS: THE MOST UP-TO-DATE INFO ON TBI, CTE AND THE NFL CONCUSSION CRISIS Andrew S. Morgenstern, OD FAAO FNAP</p> <p>Contact sports and Traumatic Brain Injury (TBI) is at epidemic levels. Optometrists and Comprehensive Eye Exams are a Primary entry point into the TBI Interprofessional Care System. The bumps, jolts or blows to the head is the primary cause of the potentially fatal disease Chronic Traumatic Encephalopathy (CTE). As a result, The National Football League (NFL) has implemented an "NFL Head, Neck and Spine Committee's Concussion Diagnosis and Management" protocol. Optometrists need to be aware of this not only for professional athlete TBI assessment, but also to be able to properly assess, manage, advise and refer their patients for best care practices. This course will discuss TBI/CTE and the NFL concussion protocol and how to implement recommendations into Primary Comprehensive Optometric Care.</p>	Systemic
1/27/2019 11:00 AM -to- 12:00 PM	<p>Optometry in the Age of Disruption: How Good Doctors Compete with Bad Companies Jeffrey Sonsino, O.D., FAAO</p> <p>The field of optometry faces unprecedented disruption from companies outside of the profession. Regulatory agencies either have little enforcement dollars or have made commitments to reduce barriers to new unproven technologies. Therefore, educating patients about the importance of solid eyecare that meets the standard of care falls on the shoulders of optometrists. This lecture teaches the optometrist how to use the latest technologies in positive ways to recapture the hearts and minds of your patients.</p>	Treatment
1/27/2019 11:00 AM -to- 12:00 PM	<p>Consequences of a TBI or Neurological Event Affecting and Causing Dysfunction in Visual Processing: Treating Post Trauma Vision Syndrome (PTVS) and Visual Midline Shift Syndrome (VMSS) William V. Padula OD SFNAP FAAO FNORA Ayra Syyed OD</p> <p>Persons who have a neurological event such as a TBI, concussion, cerebrovascular accident (CVA), etc. often have difficulty with balance, posture binocularity and spatial orientation. A visual processing dysfunction caused by the neurological event often cause symptoms such as: headaches, eyestrain, diplopia, visual fatigue, inability to tolerate busy environments, photophobia, to name several. Research regarding neuro-visual processing has documented spatial visual processing dysfunction that causes Post Trauma Vision Syndrome (PTVS) and Visual Midline Shift Syndrome (VMSS). These syndromes often interfere with clinical treatment and rehabilitation.</p> <p>This presentation will discuss the implications of PTVS and VMSS as well as the means to affect the spatial visual processing dysfunction causing these syndromes through Neuro-Visual Processing Rehabilitation (NVPR) and Neuro-Visual Postural Therapy (NVPT). Research by Padula, et. al. demonstrates that a neurological event affects the organization within bi-modal visual processing interfering with binocularity, spatial orientation, balance, posture and balance. Visual rehabilitation will be discussed using prisms and NVPT to affect the dysfunction and reduce the symptoms.</p>	Systemic
1/27/2019 11:00 AM -to- 12:00 PM	<p>Private Equity Investment – A survival guide Richard Hom, OD, MPA</p> <p>A basic course in plain language on the impact of private equity group (PEG) participation for optometry and the vision marketplace. Using the concepts of game theory and portfolio analysis, the audience may anticipate their outcomes with PEG investments. 10 Tips to survive.</p>	Practice Management
1/27/2019 11:00 AM -to- 1:00 PM	<p>Retinal detachment or not? Mark Friedberg, MD</p>	Gen Optometry

	This course will teach how to distinguish retinal detachments that need prompt attention and treatment. Conditions that masquerade as retinal detachment will be presented and risk factors for retinal detachment and when these risk factors need treatment will be reviewed. Systemic causes of retinal detachment and the treatment of such will also be included.	
1/27/2019 12:00 PM -to- 1:00 PM	<p>Optical Coherence Tomography Angiography: Revolutionizing Vitreoretinal Disease Carolyn Majcher, O.D., F.A.A.O.</p> <p>Recent advances in optical coherence tomography imaging technology now include angiography which allows for quantification of vascular density and flow within the retina and choroid. These advancements have led an explosion of research regarding the clinical utility of optical coherence tomography angiography (OCTA) in various retinal diseases. This course will provide a review of this emerging technology including its advantages and limitations as compared to conventional fluorescein angiography. Additionally, the role of OCTA in the diagnosis and management of a variety of retinal conditions including diabetic retinopathy, retinal occlusive disease, and age-related macular degeneration will be explored.</p>	Treatment
1/27/2019 12:00 PM -to- 1:00 PM	<p>The Consequences of Lyme disease on Vision and the Means to Improve Function William V. Padula OD SFNAP FAAO FNORA Ayra Sayyed OD</p> <p>Tick-borne diseases are emerging vector-borne infectious diseases that are highly prevalent in several U.S. regions including the Northeast, Upper Midwest and Northern California. The incidence of tick-borne diseases has increased the last two decades with approximately 25,000 confirmed cases reported annually. However, the U.S. Center for Disease Control and Prevention is estimating the actual number of cases may be closer to 300,000 each year. Although ocular complications have been previously reported, discussion about vision problems associated with tick-borne disease is sparse in the literature. It has also been reported that many persons begin to experience symptoms of blurring, double vision (diplopia), photophobia, distortion of space, visual strain and headaches when performing near vision activities, difficulty with balance, dizziness, difficulty with convergence and focusing, to name several.</p> <p>This presentation will discuss the fundamentals of Lyme related disease and the consequences of visual processing dysfunction. In addition, Discussion will be presented about the affect on spatial visual processing compromise and the means to improve vision though prism lenses to affect balance, posture, reduce eyestrain and improve function and performance.</p>	Systemic
1/27/2019 12:00 PM -to- 1:00 PM	<p>Essential Features of Today's Optometric Websites Richard Zimbalist, OD, FAAO</p> <p>The lecture will discuss how optometrists should structure their practice's website to maximize the patient experience, encourage on-line interaction, and improve their ranking with Google search results.</p>	Practice Management
1/27/2019 1:00 PM -to- 2:00 PM	<p>Keratoconus –Early Screening to Advanced Management S. Barry Eiden, OD, FAAO</p> <p>Keratoconus impacts our patients in profound ways. The prevalence of the disease is far greater than ever thought before. Today we have developed technologies that can halt progression and resulting loss of vision. Additionally, we have means to provide enhanced vision and comfort for our patients with clinically significant keratoconus. This course will take us through the importance and methods of early detection all the way to reviewing technologies to halt progression, reduce disease severity and provide optimized vision.</p>	Gen Optometry
1/27/2019 1:00 PM -to- 2:00 PM	<p>Ocular Graft-vs.-Host Disease: A Survival Guide Susan Resnick, OD, FAAO, FSLs</p> <p>Survival rates among patients with blood cancers continue to improve but, unfortunately, the success of treatment brings with it the increased prevalence of chronic graft vs. host disease. This course will detail the ocular complications and guide the primary eye care clinician in managing the challenges of this devastating condition.</p>	Treatment
1/27/2019 1:00 PM -to- 2:00 PM	<p>Macular Pigment Supplementation: A prescription for vision and cognitive health John Nolan, PhD</p> <p>In this course, you will learn about the macular carotenoids, how they are sourced, how they are optimized in the eye, how they are optimized in the brain, and what this means for visual function, visual health and cognitive function. This information will play an important role in eye care when helping patients enhance the health and quality of their vision.</p>	Systemic
1/27/2019 1:15 PM -to- 2:15 PM	<p>Secrets of a High-Speed Insurance Engine Shane Shepherd</p> <p>Revenue from insurance claims is a big part of your practice's profits, but a lack of expertise and inefficient processes can slow down your insurance engine. This</p>	Practice Management

	course will cover principals of claim management including top tips for pulling different types of benefits, reviewing and submitting claims, a comparison of industry averages, and operational strategies to improve your reimbursements.	
1/27/2019 2:00 PM -to- 3:00 PM	Community Outreach for Pediatric Vision Evaluations Tamara V. Petrosyan, OD This course will discuss recommendations on where and how to perform community outreach regarding the importance of comprehensive pediatric vision evaluations as well as review how to discuss ocular and visual dysfunctions which may lead to learning related difficulties with parents and teachers.	Gen Optometry
1/27/2019 2:00 PM -to- 3:00 PM	Anterior Segment and Contact Lens Applications of OCT Mile Brujic, OD, FAAO As technologies have evolved, so has our ability to utilize them to improve our understanding of ocular conditions that we manage in our practices. This is certainly true in the realm of the insights that anterior segment imaging with OCT (AS-OCT) has provided us. This course will help the clinician understand the applications of AS-OCT and how to apply this information to manage anterior segment disease and complex contact lenses.	Treatment
1/27/2019 2:00 PM -to- 3:00 PM	Obesity and Diabetes Type 2 Lloyd Pate, OD This course will introduce optometrists to the pathophysiology and risk factors for diabetes type 2. They will also become familiar with the interventional measures which have been shown to reduce the risk for developing or even reverse diabetes. They will learn what optometrist can do to prevent and manage diabetes in our patients.	Systemic
1/27/2019 3:00 PM -to- 4:00 PM	Sports and Performance Vision in Clinical Practice Charles Shidlofsky, O.D., FCOVD This course is designed to discuss the various aspects of sports and performance vision from general concepts, to testing and ultimately to treatment. Special attention will be given to one of the more visible issues in regards to sports performance and vision: concussion	Gen Optometry
1/27/2019 3:00 PM -to- 4:00 PM	Genetics in Eye care: Testing and Treatments a new Horizon Steve Silberberg, OD A summary of basic genetics, gene therapies now being utilized presently as well as ongoing studies being attempted. The course will give the audience a working knowledge of the status of gene therapies, problems and advances expected in the near future. Hopefully the course will motivate the audience to refer out patients for possible inclusion in the latest therapies now approved and research presently being conducted. The lecture will also give the practitioner the ability to discuss with patients their condition and how Gene Therapy may help presently or in the future.	Treatment
1/27/2019 3:00 PM -to- 4:00 PM	Hypertension Lloyd Pate, OD The optometrist will be taught the common causes of error in measuring blood pressure and how to obtain accurate readings in their patients. They will also learn the proper interpretation of this readings in order to make a proper diagnosis in their patients. They will also learn to properly identify and manage hypertension urgencies and emergencies. They will also learn the lifestyle interventions shown to lower blood pressure in order to counsel their patients.	Systemic
1/27/2019 3:00 PM -to- 5:00 PM	The 21st Century Science Message is "Health Promotion" Stuart Richer, OD, PhD, FAAO This course focuses on promotion of health within the 21st century optometric practice. Health promotion requires a shift in our thinking from only describing pathology and symptomatology, to focusing on well-functioning physiology at the level of the cell, tissue, organ and system. It embraces the new science of epigenetics.	Practice Management
1/27/2019 4:00 PM -to- 5:00 PM	GP Lens Update Edward S. Bennett, OD, MEd, FAAO, FSLs In this course, the current state of the GP lens industry is presented. The emphasis will pertain to new GP lens materials and designs including those pertaining to sclerals, orthokeratology, and presbyopia. GP educational resources are also presented.	Gen Optometry
1/27/2019 4:00 PM -to- 5:00 PM	Meibomian Gland Dysfunction: "Where Dry Eye Begins" Craig Thomas, OD You will learn about the physiology of the meibomian glands in health and disease. Emphasis is placed on understanding the natural history of obstructive meibomian gland dysfunction and its relationship to dry eye disease. In addition, a systematic and long-term program of Eyelid Margin Hygiene is presented as the basis for treatment.	Treatment
1/27/2019 4:15 PM -to- 5:15 PM	Systemic Diseases and Glaucoma	Systemic

	<p>Richard Madonna, OD, FAAO</p> <p>For a very long time, glaucoma has been described as a sick eye in a sick body. This course explores the relationship between the most common systemic conditions that appear to influence the onset and progression of glaucoma. Cardiovascular diseases, diabetes, sleep apnea, and neurodegenerative diseases are all investigated.</p>	
1/27/2019 5:00 PM -to- 6:00 PM	<p>Introduction to the Visual Perceptual Evaluation</p> <p>Tamara V. Petrosyan, OD</p> <p>Visual perceptual deficits can have a devastating impact on a child's interaction with the world as well as his / her reading and academic performance. This course will review the signs and symptoms of different visual perceptual disorders and introduce how to evaluate for them.</p>	Gen Optometry
1/27/2019 5:00 PM -to- 7:00 PM	<p>Making the Complex Simple: A Comprehensive Approach to Dry Eye Mastery</p> <p>Arthur B. Epstein, OD, FAAO</p> <p>This course shares wisdom and insight garnered from years of practice limited to dry eye and ocular surface disease in one of the driest places on earth. Clinically focused, it provides the foundation and specific approaches to developing a successful dry eye practice segment.</p>	Treatment
1/27/2019 5:15 PM -to- 6:15 PM	<p>Visually Induced Trigeminal Dysphoria May be the leading source of Headaches, Eyestrain and Dry Eye Sensation</p> <p>Jeffrey Krall, O.D. Carol M. Nelson</p> <p>After years of in-depth clinical research conducted at neurology centers nationwide, a new link between optometry and neurology has been discovered. Results from a series of clinical studies on headache patients revealed that symptomatic patients shared a common trait: a misalignment in their vision that caused specific symptoms when using digital devices, reading or doing near work. Patients studied were found to share a common trait: a misalignment in their vision that was believed to put continual stress on the trigeminal nerve – the largest and most complex nerve connected to the brain, and the one responsible for head, eye and neck sensations. A further review of optometric literature revealed complaints of similar symptoms documented throughout history, predating the use of digital devices. You will gain an understanding of the optical neurological mechanism triggering headaches and how it relates to neck pain/tension and eye fatigue. You will also gain new insights into how to identify and treat patients suffering from a misalignment in their vision.</p>	Systemic
1/27/2019 6:15 PM -to- 7:15 PM	<p>Diabetes in 2019</p> <p>A. Paul Chous, MA, OD, FAAO, CDE</p> <p>Rates of diabetes and diabetic retinopathy continue to climb. This course will consider the most important clinical diabetes findings of the last year presented by an optometrist specializing in diabetes eye care and education, including: impact of glucose time-in range; cardiovascular protection via specific classes of diabetes drugs; earlier intervention with anti-VEGF and other therapies; diagnostic imaging that detects retinopathy earlier and builds your diabetes practice.</p>	Systemic