



Course Schedule

To watch the courses or livestream, log in at:

<https://www.nora2020.com>

ALL TIMES ARE EASTERN DAYLIGHT TIME (EDT)

SATURDAY, September 12			
	Room 1	Room 2	Room 3
10am EDT	<i>Exhibit Hall Opens - please visit any time you're not taking classes!</i>		
10:30am	<i>Livestream starts! Tune in for the latest NORA2020 news & interviews with the speakers</i>		
11am	ADVANCED BILLING AND CODING WORKSHOP FOR THE NEURO-OPTOMETRIC PRACTICE Denise Helle, CPOC	NEURO TRIAGE Kacie Monroe, OD, FCOVD	NEURO OPTOMETRIC INTERVENTIONS AND PRESCRIBING FOR THE OPTOMETRIST DeAnn Fitzgerald, OD
12:10pm	CURRENT AND INNOVATIVE DIAGNOSIS AND TREATMENT OF LYME DISEASE Michael Cooper, OD		
1:20pm	A NEURO-OPTOMETRIC REHABILITATION APPROACH IN THE MANAGEMENT OF PATIENTS WITH VISUAL SNOW SYNDROME (VSS) H. Esther Han, OD, FCOVD, FAAO, Dipl ABO		
2pm	Break! Please Visit the Virtual Exhibit Hall!		
3pm EDT	CRANIAL NERVE PALSIES-WHAT YOU ALWAYS WANTED TO KNOW BUT WERE AFRAID TO ASK Cheryl Letheren, OD		
4:15pm	ADVANCED LASER APPLICATIONS FOR THE BRAINSTEM Brandon Crawford, DC		



NORA2020 Course Schedule: Day 2

To watch the courses or livestream, log in at:

<https://www.nora2020.com>

ALL TIMES ARE EASTERN DAYLIGHT TIME (EDT)

SUNDAY, September 13		
	Room 1	Room 2
10am EDT	<i>Exhibit Hall Opens - please visit any time you're not taking classes!</i>	
10:30am	<i>Livestream starts! Tune in for the latest NORA2020 news & interviews with the speakers</i>	
11am	INTRODUCTION TO NEURO OPTOMETRIC REHABILITATION: VISION SCREENING AND INTERVENTIONS FOR ALLIED THERAPY PROFESSIONALS Marsha Benshir, OD, FNORA Katy Coleman, OTR/L Melissa Zarn, OD, FAAO	USING SYNTONICS TO IMPROVE TBI OUTCOMES Robert S. Fox, OD, FCOVD, FCSO
12pm		
1:30pm	FIXING POTHOLES IN THE BRAIN AND EXPLAINING IT TO YOUR PATIENTS Amy Thomas, OD, FCOVD	
2:40pm	NEUROPLASTICITY IS THE KEY TO VISION REHABILITATION AFTER TRAUMATIC BRAIN INJURY Tina Dang Aldana, MA, OD, FAAO	
3:50pm	UNDERSTANDING THE DIFFERENTIAL DIAGNOSIS OF CEREBELLAR AND PERIPHERAL VESTIBULAR DISORDERS UTILIZING OCULAR MOVEMENTS Brandon Brock DNP, DC, NP-C, APRN, DACNB 67803-SP	
5:00pm	NEURO-OPTOMETRIC REHABILITATION OF NEURO-PROCESSING DISORDERS: THE LATEST ON MS, PARKINSON'S DISEASE AND DEMENTIA Cheryl Letheren, OD	

NORA2020: The Neuro Optometric Rehabilitation Association™ Virtual Conference

Online at <https://www.nora2020.com>

September 12 & 13, 2020

PRESENTATIONS & SPEAKERS

Advanced Billing and Coding Workshop for the Neuro-Optometric Practice

1 hour

Denise Helle, CPOC

This is the fourth year that Denise Helle has provided a seminar about billing and coding at the NORA conference. This year, Denise will teach attendees how to score their own notes to determine whether they meet billing requirements. She will provide insider secrets to maximizing insurance reimbursement and surviving insurance audits. This seminar will be geared toward the person doing the billing: billers and coders, office staff, and providers.

Neuro Triage

2 hours

Kacie Monroe, OD, FCOVD

This course is designed with staff in mind! Attendees will learn everything from patient intake, ancillary testing, and rehab techniques for neuro patients. Forms, paperwork, terminology, and testing will all be discussed in depth. Perfect for new staff members or seasoned staff who are just beginning to provide services for neuro patients. Optometrists who are looking to add a neuro component to their office will also benefit from this course.

Neuro Optometric Interventions and Prescribing for the Optometrist

2 hours

DeAnn Fitzgerald, OD

This lecture will explore the clinical applications of brain anatomy and neuro anatomy with guidance on the use of lenses, prisms, tints with vision, and vestibular applications for improving patient outcomes.

Current and Innovative Diagnosis and Treatment of Lyme Disease

1 hour

Michael Cooper, OD

The landscape of how Lyme disease presents in the ocular tissue continues to illustrate a progressive trend of increased virulence and visual devastation. While conventional methods of identification and treatment have shown a level of success, the audience will gain exposure to alternative therapies along with innovative technological advances in development. Case

studies will drive how to effectively identify, treat, and confidently co-manage with specialists these difficult to treat infections.

A Neuro-Optometric Rehabilitation Approach in the Management of Patients with Visual Snow Syndrome (VSS)

1 hour

H. Esther Han, OD, FCOVD, FAAO, Dipl ABO, Associate Clinical Professor

Visual Snow Syndrome (VSS) includes both visual (e.g., palinopsia) and non-visual (e.g., tremor) based problems. But the main symptom, visual snow, is the perception of “snow”, dots, pixelated fuzz, bubbles, and/or television monitor “static” in the visual field foreground. For some patients it is mildly debilitating, whereas for others so debilitating that it interferes with their activities of daily living. As with other functional visual conditions, affected patients go from provider to provider seeking relief of their symptoms, but are told that nothing can be done. Interestingly, patients with acquired brain injury who report vague subjective visual disturbances may actually be experiencing visual snow, but many clinicians are not aware of the questions to ask to further investigate for VSS. The purpose of this lecture is to present a protocol to help diagnose and treat the patient with VSS.

Cranial Nerve Palsies-What You Always Wanted to Know But Were Afraid to Ask

1 hour

Cheryl Letheren, OD

Cranial Nerve Palsies will be discussed in a number of ways including: anatomy, causes, prevalence, treatments, clinical pearls, and differences between children and adults.

Advanced Laser Applications for the Brainstem

1 hour

Brandon Crawford, DC

In this one-hour module we will discuss the intricacies of how to laser the most difficult areas of the human brain - the brainstem. These areas house the most vital centers for our existence, yet many think that laser and light therapy just won't penetrate deep enough to have an effect on brainstem function. The fact is that just is not true. The truth is that there's research demonstrating widespread affects within the brainstem when laser and light therapies are properly applied with the appropriate techniques and parameters. The information you will learn in this module is directly applicable to anyone that works with brainstem functions in their office. All techniques discussed and taught are both supported by the literature and clinical evidence.

Introduction to Neuro Optometric Rehabilitation: Vision Screening and Interventions for Allied Therapy Professionals

2 hours

Marsha Benshir, OD, FNORA

Katy Coleman, OTR/L

Melissa Zarn, OD, FAAO

This course will provide a foundational understanding of the role of neuro-optometric rehabilitation for vision disorders associated with concussion, stroke and other neurological syndromes. We will cover basic awareness of patients' vision, screening for visual complications of neurologic impairment and injury, and therapeutic interventions to improve patient responses to other therapies

Using Syntonics to Improve TBI Outcomes

2 hours

Robert S. Fox, OD, FCOVD, FCSO

Syntonics (Optometric Phototherapy) is a valuable and powerful tool in the optometric care of the patient with acquired brain injury. Although it has been around almost as long as vision therapy, syntonics has only recently gained favor as an effective treatment for TBI patients. This course will cover the basics of syntonics and will discuss its role in optometric TBI care. Topics to be covered include the history and theory behind optometric phototherapy, testing and treatment protocols, the physiological effects of light, and the Basic Syndrome approach to case management. How to incorporate syntonics into your rehabilitation practice will also be discussed. Throughout the program cases will be used to illustrate key points.

Fixing Potholes in the Brain and Explaining it to your Patients

1 hour

Amy Thomas, OD, FCOVD

This lecture will cover where the vision functions occur in the brain in a fun and memorable way. Dr. Thomas also will discuss the areas that can be changed with the tools used in neuro-optometric practices and will go over ways to explain your treatments to patients so that they will not only comply with treatment, but also be able to explain it to others.

Neuroplasticity is the Key to Vision Rehabilitation After Traumatic Brain Injury

1 hour

Tina Dang Aldana, MA, OD, FAAO

Neuroplasticity is the brain's ability to change and adapt throughout an individual's life. The brain rewires itself in response to injury, which is why some people suffer from post-concussion symptoms; but the brain also has the ability to remodel itself in order to mitigate neurological dysfunction. In this presentation, we will discuss activity-dependent plasticity which forms the basis for learning, to enhance comprehension, to improve motor function and retain memories. It is the key to successful vision rehabilitation.

Understanding the Differential Diagnosis of cerebellar and peripheral vestibular disorders utilizing ocular movements

1 hour

Brandon Brock DNP, DC, NP-C, APRN, DACNB

This presentation will discuss how conditions of the cerebellum present clinically and how ocular function can be a valuable indicator. There will also be a comparison and contrast with the most common vestibular disorders as well. There will be in-depth discussion on neurological pathway integration and a significant amount of it will be done via demonstration on stage so that viewers will have more than just a lecture, but a clinical experience.

Neuro-Optometric Rehabilitation of Neuro-processing Disorders: The Latest on MS, Parkinson's disease and Dementia

1 hour

Cheryl Letheren, OD

Neuro-processing Disorders such as Multiple Sclerosis, Parkinson's disease, and Alzheimer's disease are increasing rapidly in our population and will be creating a catastrophic effect on our health care system in the next 20 years. Early diagnosis has long been an issue with these diseases but new research has shown the possibility of using bio-markers in the vision system to evaluate future risk. These bio-markers include changes to eye movements and especially changes to OCT findings. This lecture will provide the audience with clinical pearls to help evaluate patients with these diseases and how to predict risk of future neuro-processing disorders. This lecture will review clinical signs, testing paradigms, and rehabilitation pearls for these neuro-processing disorders.