


Advanced Vision: Optimizing Outcomes in Neurorehabilitation

April 25-26, 2024
In-person Course





The Academy is the educational arm of Shirley Ryan AbilityLab (formerly RIC), a non-profit rehabilitation hospital in Chicago that has been ranked number one by *US News and World Report* since 1991. The Academy offers a wide range of accredited programs with the common goal of improving patient outcomes through clinical excellence. Our commitment to sharing the best evidence and rehabilitation practice with clinicians around the globe has always been an integral part of our mission.

The Academy is committed to creating an inclusive, authentic, and comfortable learning environment that celebrates and supports all learners. We are dedicated to providing the highest-quality teaching regardless of race, age, ethnicity, nationality, gender, sexual orientation/identity, ability, religion, language or culture. Above all, we believe that everyone should feel safe, respected, and welcomed when attending our programs at the hospital or online. We encourage the sharing of experiences and perspectives so we can learn from one another, and from our varied points of view.

Course Description

Visual and perceptual impairments can hinder daily function and rehabilitation progress. This 2-day course offers advanced training in interpreting complex vision assessments and designing effective treatment plans, including hands-on practice and interventions for diverse patient groups, such as pediatrics, post-concussion, visual perceptual and those with neurological injuries or illnesses. Learners will engage in hands-on workshops, small group discussions and an interactive patient panel experience to improve their overall knowledge and abilities. This course aims to elevate learners' skills beyond introductory levels when addressing visual challenges in patients.

NOTE: The prerequisite for this course is to have attended “Vision in Neurorehabilitation: Practical Tools for Assessment and Management.” Please reach out to us if you have not taken this course, but feel that you have the necessary foundational knowledge in this area of practice. For more information on that program, please go to www.sralab.org/academy.

Location and Delivery Method

This is an in-person course that will be held at the Shirley Ryan AbilityLab, 355 East Erie Street, Chicago IL, 60611. Self-study work will be completed on-demand using the Academy Learning Portal. The conference site is wheelchair accessible. Accessible materials, sign language interpretation and personal assistance are available with at least 45 days advance notice.

Successful Completion

During the on-site portion of the course, participants must sign in and complete an online evaluation. All sessions and online evaluations must be completed by **May 10th, 2024**, to receive full credit.

Who Should Attend

Physical Therapists, Physical Therapist Assistants, Occupational Therapists, Occupational Therapy Assistants

Learner Outcomes

Upon completion of this course, participants will be able to:

- Describe the impact that vision has on learning, performance, and participation in daily life.
- Demonstrate the ability to complete components of the visual assessment to improve the hands-on skills when working with a patient with a visual impairment.
- Interpret results from advanced vision assessment to inform treatment plan in the context of case examples and group discussions.
- Implement evidence-based interventions to support the rehabilitation of individuals with visual impairments.
- Recognize the nuances of assessing and intervening in more complex/ specialty populations such as post-concussion and pediatric patients.
- Select assessment tools and specific treatment approaches for spatial neglect appropriate for your practice setting for individual patients.
- Collaborate with health professionals to improve your decision-making skills on when and how to intervene with individuals with a visual impairment.

Keynote



Mitchell Scheiman, OD, PhD, FAAO, FCOVD

Dr. Mitchell Scheiman is a nationally known optometric educator, lecturer, author and private practitioner. He graduated from the New England College of Optometry in 1975 and became the first Salus faculty member to earn the University's PhD in Biomedicine in 2016. He has specialized in vision therapy for the past 35 years. Dr. Scheiman is currently Director of Pediatric and Binocular Vision Programs at the Eye Institute and Professor of Optometry at the Pennsylvania College of Optometry. He has published over 200 articles in professional literature, and four textbooks, two for optometrists and two for occupational therapists. Dr. Scheiman received the 1993 Garland Clay Award for Excellence in Writing from the American Academy of Optometry (AAO); the 2002 Skeffington Award for Excellence in Writing; and the 2012 Vision Service Award from the Heart of America Contact Lens Society. In 2017, he was honored at the AAO conference as the recipient of the Glenn A. Fry Award - given annually to a distinguished scientist or clinician in recognition of the quality, significance, impact, and relevance to optometry of his or her current research contributions.

Course Faculty (Listed Alphabetically)



Peii Chen, PhD

*Senior Research Scientist,
Kessler Foundation, Center for Stroke Rehabilitation Research*

Peii Chen, PhD, is a Senior Research Scientist at Kessler Foundation's Center for Stroke Rehabilitation Research, the Intellectual Property Liaison at Kessler Foundation, and a Research Associate Professor of Physical Medicine and Rehabilitation at Rutgers University's New Jersey Medical School. Dr. Chen is a rehabilitation scientist with a training background in cognitive psychology from the Pennsylvania State University. Her career has been focused on the study of spatial neglect and its related disorders and clinical impacts. In 2017, she was awarded a Distinguished Switzer Research Fellowship by the National Institute on Disability, Independent Living and Rehabilitation Research (NIDILRR). She is the lead developer of the Kessler Foundation Neglect Assessment Process (KF-NAP®), Prism Adaptation Treatment (KF-PAT®), and Spatial Re-training Therapy (KF-SRT®). The KF-NAP is a standardized method for detecting and measuring spatial neglect in real-life situations. The KF-PAT is a standardized protocol for delivering evidence-based treatment for spatial neglect. The KF-SRT is a software program leveraging immersive virtual reality technology, designed to treat spatial neglect. Dr. Chen advocates meaningful and effective knowledge translation via professional training and technology transfer.

Haleigh Nierman, OTR/L

Occupational Therapist, Shirley Ryan AbilityLab



Haleigh Nierman graduated from Rush University in 2018 and works on the inpatient pediatric floor as well as a vision lab therapist in the Think & Speak lab at Shirley Ryan AbilityLab. Coming from a family of optometrists, Haleigh has a special interest in working with patients with visual impairments and challenges. Haleigh enjoys mentoring colleagues in all things vision and acts as the pediatric vision lab specialist on the inpatient floors.



Viktoriya Landar, OTR/L
Occupational Therapist, Atlanta GA

Viktoriya Landar graduated from Boston University in 2016 and has since worked with patients with stroke and brain injury throughout the continuum of care from inpatient to outpatient rehabilitation. Viktoriya has a strong interest in vision, previously working for several years as a vision lab specialist at the Shirley Ryan AbilityLab. Viktoriya has previously guest lectured on topics related to management of visual changes and spatial neglect, at universities and interdisciplinary conferences. Special interests include assessment and treatment of spatial neglect, diplopia management and low vision strategy/advocacy for patients with new onset low vision or chronic eye health issues. Viktoriya is currently pursuing her Master of Public Health at Emory University.



Holly Paczan, PT, MPT, NCS
Physical Therapist, Shirley Ryan AbilityLab

Holly is a physical therapist with over 15 years of clinical experience, specializing in the treatment of patients with neurological conditions, particularly in the areas of stroke, brain injury and vestibular dysfunction. She currently treats patients with vestibular dysfunction and concussion in both the inpatient and outpatient settings. Holly is also the Lab Manager for the Legs and Walking Lab, with oversight of inpatient specialty areas of practice including gait training and FES as well as the integration of research into the clinical setting. Holly is a board-certified clinical specialist in neurological physical therapy, completed the Vestibular Rehabilitation Competency Based Course at Emory University in 2018, received her Bachelor of Science in Biology from Trinity University and her Master of Physical Therapy degree from University of Texas Southwestern Medical Center in Dallas, Texas.



Mary Ann B. Roelke OTR/L, OTD
UnityPoint Health-Meriter Hospital

Mary Ann Roelke, OTR obtained her post-professional doctorate in occupational therapy from Creighton University, after working in outpatient neurologic rehabilitation for 30+ years at UnityPoint Health – Meriter Hospital, Madison, WI. She published research on concussion rehabilitation for occupational therapy and presented internationally, nationally, state, regionally, and locally, including a 3-hour workshop at the national AOTA conference in 2022. She has specialty education in both neurologic and low vision rehabilitation. In 2022, she established low-vision rehabilitation with a low-vision optometrist at the University of Wisconsin, UW Health, Ophthalmology Clinic and continues to expand services. Additional training includes Certified Driver Rehabilitation Specialist (CDRS) for 10+ years, Cognitive Behavioral Therapy for Insomnia (CBT-I), and Neuro Developmental Treatment (NDT). She enjoys the creative process of using evidence-based practice in emerging practice fields for the betterment of the client and the profession of occupational therapy



Kelsey Watters, CScD, OTR/L, BCPR, CBIS

***Occupational Therapist, Shirley Ryan AbilityLab
Adjunct Faculty, University of Pittsburgh, Occupational Therapy program
Adjunct Faculty, University of Illinois Chicago, Occupational Therapy program***

Kelsey Watters is an occupational therapist (OT) and clinical practice leader for OT at the Shirley Ryan AbilityLab (SRALab) since 2012. She graduated from University of Washington with her master's in occupational therapy in 2011 and her doctorate of clinical science (CScD) in occupational therapy at the University of Pittsburgh in 2022. Clinically, she works in the Think + Speak Lab and specializes in working with patients to address challenges with both functional cognition and vision/perception. In 2020, Kelsey obtained her AOTA Board Certification in Physical Rehabilitation (BCPR). Her clinical interest areas include traumatic brain injury, visual/ perceptual impairments and functional cognition. Kelsey has led workshops about brain injury, functional cognition and vision at Shirley Ryan AbilityLab. She is an adjunct instructor in the Occupational Therapy program at the University of Pittsburgh and teaches regularly at the University of Illinois Chicago's Occupational Therapy program.



Jenna Zander, OTR/L

Occupational Therapist, Shirley Ryan AbilityLab

Jenna Zander graduated from Saint Louis University with her Masters in Occupational Therapy in 2018. She is currently working in the neurological outpatient department at Shirley Ryan AbilityLab serving as one of the lead occupational therapists for vision-related disorders with a particular interest in visual disturbances after mild traumatic brain injury, Post Covid brain fog, stroke and Parkinsons. In addition, Jenna co-leads the OTs for Diversity Equity and Inclusion committee where she works to pursue projects in improving quality care implementation by recognizing social determinants of health



Dr. Michael Zost, O.D., FAAO, FCOVD

Optometrist, Vision Rehabilitation Associates

Dr. Michael Zost has served as an Associate Professor of Optometry at the Illinois College of Optometry in Chicago since 1986 where he also received his Doctor of Optometry degree. He then completed a residency in Rehabilitative Optometry at the Northport VA Medical Center in Northport, New York with an emphasis on primary care, vision therapy, contact lenses, and low vision. Dr. Zost is a vision consultant at the Shirley Ryan AbilityLab where he examines and treats patients who experience disrupted or loss of vision due to an acquired brain injury.

Agenda (in CST)

Thursday, April 25th 2023

- 8:00am **Registration & Continental Breakfast**
10th floor Auditorium – Shirley Ryan AbilityLab
- 8:30 **Welcome, Introduction to the Course, Opening Remarks, Introductions to the Faculty and Plan for the Course**
Leslie Marriott, OT, Kelsey Watters, OT, Viktoriya Landar, OT
- 8:45 **Keynote: How Vision Impacts Learning & Performance**
What is Vision Therapy and what is the role of the Rehabilitation Professional?
Dr. Mitchell Scheiman
- 10:15 **Break**
- 10:30 **Workshop 1: Assessment Skills Practice**
Viktoriya Landar, OT, Kelsey Watters, OT
- 12:00 **Lunch** (independent) - Optional 30 Minute Tours Available
- 1:00 **Workshop 2: Advanced Skills Practice**
Viktoriya Landar, OT, Mary Ann Roelke, OT, Kelsey Watters, OT
- 2:30 **Break**
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- 2:45 **Breakout Sessions (Pick A or B)** *See descriptions following agenda*
- Session A: Managing Vision Post Concussion**
 Mary Ann Roelke, OT
- Session B: Managing Vision in the Pediatric Patient**
 Haleigh Nierman, OT
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- 4:00 **Day 1 Wrap Up**
Viktoriya Landar, OT, Leslie Marriott, OT, Kelsey Watters, OT
- 4:30 **Adjourn**

Friday, April 26th 2023

- 8:00am** **Registration & Continental Breakfast**
10th floor Auditorium – Shirley Ryan AbilityLab
- 8:30** **Welcome, Introduction to Day 2**
Leslie Marriott, OT, Kelsey Watters, OT, Viktoriya Landar, OT
- 8:45** **Spatial Neglect: Understanding this Complex Syndrome**
Peii Chen, PhD.
- 10:30** **Break**
- 10:45** **Workshop: Interventions with Spatial Neglect**
Peii Chen, PhD, Kelsey Watters, OT, Viktoriya Landar, OT
- 12:00** **Lunch (on your own) - Optional 30 Minute Tours Available**
- 1:00** **Vision across the Continuum of Care**
Dr. Michael Zost, O.D.

Small Group Discussion: (Pick 2 of 4) See descriptions following agenda

Option 1: Low Vision

Mary Ann Roelke, OT

Option 2: Vestibular & Vision Systems

Holly Paczan, PT & Kelsey Watters, OT

Option 3: Health Literacy & Vision

Viktoriya Landar, OT

Option 4: Vision Challenges in Chronic Diagnoses

Jenna Zander, OT

1:45 **Round 1 Discussion**

2:30 **Break**

2:45 **Round 2 Discussion**

3:30 **Patient Experience & Panel**
Viktoriya Landar, OT, Kelsey Watters, OT

4:15 **Day 1 Wrap Up**
Viktoriya Landar, OT, Leslie Marriott, OT, Kelsey Watters, OT

4:45 **Adjourn**

Day 1 Breakout Sessions

Session A: Managing Vision Post Concussion

Concussion rehabilitation for people with persisting concussion symptoms are complex and multifactorial. This discussion will address evaluation and intervention for issues related to eye alignment, convergence insufficiency, light and motion sensitivity, and managing environmental over-stimulation.

Session B: Managing Vision in the Pediatric Patient

Dependent on age, formal vision assessments can be a challenge to complete on pediatric patients. In this session we will identify ways to modify assessments to obtain the most helpful information regarding a child's vision. Additionally, we will discuss working with children with Cortical Visual Impairments and how to best support these patients during the therapy session.

Day 2 Small Group Discussions

Option 1: Low Vision

Understanding what a person sees (acuity, field of vision, blind spots/scotoma) is the first step to identifying how they can use their available vision to complete their everyday activities. This small group discussion will review evaluations and interventions to compensate for their vision loss and strategies to overcome this loss and engage in their occupations.

Option 2: Vestibular & Vision Systems

The vestibular and visual systems are highly connected, and it is essential for clinicians to understand their role in assessment and intervention. This small group discussion will provide a brief overview of the vestibular system and how changes to this system can influence the vision system. Within this, participants will review red flags for possible vestibular involvement during a vision assessment and things to consider in treating patients with vestibular and visual impairments.

Option 3: Health Literacy & Vision

This small group discussion will review a patient's understanding of their vision condition, which is a key contributor to their participation in treatment and overall outcomes. Vision education is an important component of the treatment plan which can be difficult to address due to varying levels of health literacy and potential cognitive changes after a neurological injury. This session will discuss successes and challenges related to vision education as well as provide practical considerations when establishing the education treatment plan.

Option 4: Vision Challenges in Chronic Diagnoses

In this small group discussion, participants will review common visual challenges often associated with more chronic diagnoses (incl. Parkinson's, Multiple Sclerosis, Cerebral Palsy etc.). Clients with these conditions may vary in their clinical presentation. This discussion will further describe ways clinical teams can monitor and support chronic visual challenges as it relates to environmental awareness and participation in daily activities.

Cancellation Policy

All cancellations must be requested by email at academy@sralab.org. Refunds less a 20% administrative charge will be given until 30 days before the start date of the course. If the cancellation notice is received less than 30 days from the start date of the course, a credit towards a future continuing education program would be applied for 1 year from the start date of the canceled course. The Academy reserves the right to cancel or change any programs for due cause. The cancellation of a program by the Academy will result in a full refund of tuition.

Important Registration Information

Registrations will be taken in the order in which tuition checks or credit card information is received. We highly encourage you to register online as these are processed more quickly than mailed registrations. Full tuition must accompany the registration form to confirm your place in this course. Until you receive your confirmation letter, you are not officially registered for the course. For online registrations, you will receive email confirmation on the same day that you register. For registrations received by standard mail, the confirmation may take up to 3 weeks to process. If you do not receive confirmation within this period, please call 312-238-6042. One week prior to the course, only internet registrations that include an email will be accepted. Please note that once the course has reached its maximum enrollment, no additional spots will become available.

Accommodations

Shirley Ryan AbilityLab has a preferred rate at The Hyatt Centric Chicago Magnificent Mile which is located one block away. Hyatt Centric Chicago Magnificent Mile, 633 North St. Clair, Chicago, Illinois, 60611. You can reserve a room by clicking [HERE](#). The daily rate for parking at the Hyatt Chicago is \$76.00/day with in and out privileges.

The W Chicago - Lakeshore is located 1 block from the Shirley Ryan AbilityLab. You can reserve a room with a discounted rate by clicking [HERE](#) and entering Shirley Ryan AbilityLab's corporate code: ROI. The daily rate for parking at the W Chicago Lakeshore is \$79.00/day with in and out privileges.

For a list of other available lodging options near the hospital, please click [HERE](#).

*Room and parking rates may fluctuate and are subject to change

Technology Requirements

To participate, you will need access to a computer or device with an internet connection. Wi-fi will be available on site for in-person courses.

- Internet connection: broadband wired or wireless (3G or better)
- Web browser with latest stable version downloaded: Apple Safari, Google Chrome, Mozilla Firefox and Microsoft Edge
- JavaScript and Cookies enabled
- Speaker or headset to listen to audio files and participate in Zoom calls
- Do NOT use Internet Explorer, as it is not supported.

Accessibility

Please contact the Academy if you require any special accommodation for this course.

Continuing Education Credit

Occupational Therapy



American
Occupational Therapy
Association

Approved Provider

Service Delivery/Foundational Knowledge]. AOTA does not endorse specific course content, products, or clinical procedures.

Shirley Ryan AbilityLab is an AOTA Approved Provider of professional development. Course approval ID# 8130. This distance learning-interactive course is offered at 13.25 CEUs [intermediate, OT

Physical Therapy

This course has been approved by the Illinois Physical Therapy Board for 13.0 Contact Hours. Approval #216-000069

The Shirley Ryan AbilityLab is recognized by the California and New York State Education Department's State Board for Physical Therapy as an approved provider of physical therapy and physical therapist assistant continuing education. This course has been approved for 13.0 Contact Hours on 2/9/2024.

The following states require continuing education units with no state-specific approval: CT, IA, and WA

Faculty Disclosures

Course Director's and Planning Committee Members' Disclosure Information:

Melissa Kolski, PT, DPT	Has nothing to disclose.
Leslie Marriott, OTR/L	Has nothing to disclose.
Bruce Deviller	Has nothing to disclose.
Kelsey Watters, OTR/L	Has nothing to disclose.

Speakers, Moderators and Panelists' Disclosure Information:

Peii Chen, PhD	Financial: Receives a salary from the Kessler Foundation.
Viktoriya Landar, OTR/L	Has nothing to disclose.
Kelsey Watters, OTR/L	Has nothing to disclose.
Mary Ann Voelke, OTR/L	Has nothing to disclose.
Mitchell Scheiman, OD, PhD.	Has nothing to disclose.
Haleigh Neirman, OTR/L	Has nothing to disclose.
Holly Paczan, DPT	Has nothing to disclose.
Jenna Zander, OTR/L	Has nothing to disclose.

Register online at <https://www.sralab.org/academy> or complete the form below and return with payment.

Mail to: Academy
 Shirley Ryan AbilityLab
 355 E. Erie Street, Suite 12-West
 Chicago, Illinois 60611

Check One: Advanced Vision Live Only ____
 Vision in Neurorehabilitation On-Demand PLUS Advanced Vision ____

	Before 12/14/23	After 12/14/23
Registration Fee	\$550	\$650
<i>Or purchase this course along with the online foundational course:</i> Vision in Neurorehabilitation: Practical Tools for Assessment & Management	\$700	\$800

Questions? Contact Leslie Marriott at lmariott@sralab.org 312-238-6832.

Please TYPE or PRINT your name and professional initials (MD, OT, PT, RN, etc.) as you would like them to appear on your continuing education certificate.

First Name _____ Last Name _____
 Home Phone (_____) _____ Prof. Initials _____
 Home Address _____
 City _____ State _____ Zip _____
 Organization/Facility _____
 Work Address _____
 City _____ State _____ Zip _____
 Work Phone (_____) _____ Fax (_____) _____
 Position _____
 E-mail (required) _____

Please note: registration will not be processed without full payment.

Method of Payment: Check enclosed (Payable to: Shirley Ryan AbilityLab) Credit Card

Credit Card Users Must Complete the Following Information: MasterCard VISA American Express

Credit Card # _____ - _____ - _____ - _____
 Expiration Date __ / __ CVV ____ (security code on back of card)
 Name on Card _____
 Billing Address _____
 City _____ State _____ Zip _____
 Cardholder's Signature _____