

# Vision in NeuroRehabilitation: Practical Tools for Assessment & Management

April 5<sup>th</sup> - May 10<sup>th</sup> 2022  
ONLINE COURSE

Shirley Ryan  
**Abilitylab**



## VISION IN NEUROREHABILITATION: PRACTICAL TOOLS FOR ASSESSMENT AND MANAGEMENT

The Academy is the not-for-profit educational arm of Shirley Ryan AbilityLab, formerly the Rehabilitation Institute of Chicago (RIC). Since 1953, the Academy has offered a wide range of accredited programs with the common goal of improving patient outcomes through clinical excellence. Our hospital has been ranked the “Best Rehabilitation Hospital in America” for 31 consecutive years, and 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 at Shirley Ryan AbilityLab 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 significantly limit the ability to perform daily routines and resume participation in identified roles. Visual impairments can limit progression across different levels of care and various types of activities (ex: reading, mobility and self-care). This online course will serve as an introduction to common visual-perceptual impairments that can limit performance, with patients who have visual impairments after neurologic injury or illness. There will be a basic review of key anatomical features. Learners will be introduced to various components of a comprehensive visual assessment (e.g., visual acuity, ocular motor control, ocular alignment, visual fields and spatial neglect). These concepts are organized in a simple framework that supports effective interpretation of a visual assessment and development of a plan of care. Cognitive and communication impairments may require modifications to these assessments, so instructors will provide an overview of options for their use. Case examples, videos and small group discussions will support interpretation and application of novel concepts.

*There are two ways in which to take this course:*

1. Take the course live, attending one online session each week. If you miss a live session, a recording will be available the following day. There will be additional assignments to match the experience of the live breakout sessions. **You will be permitted to watch recordings for up to 2 live sessions. If you miss 3 or more live sessions, you will be moved into the on-demand version of this course.**
2. You can also take this course on-demand, on a self-paced basis. The recordings of each session will be released one day following the live event and you must complete all of the material before May 24th. If you choose the on-demand option, you will have additional assignments to match the experience of the live breakout sessions. We will also offer 2 office hour opportunities to learners who cannot attend the live sessions, so you have time to speak directly with faculty.

### Successful completion:

Participants will attend 6 online, live lectures utilizing a video conference platform (total of 9 live hours) and will complete 10 hours of self-study. Alternatively, participants can choose to watch all sessions on-demand for a total of 19 self-study clock hours. The self-study activities for the course will consist of videos, readings, case studies, discussion board posting, and knowledge checks. There will also be optional opportunities to engage with faculty and classmates through question and answer sessions. **You will be permitted to watch recordings for up to 2 live sessions. If you miss 3 or more live sessions, you will be moved into the on-demand version of this course.**

### **WHO SHOULD ATTEND**

Occupational Therapists, Occupational Therapy Assistants, Physical Therapists, Physical Therapist Assistants and Physicians (not for CME), Optometrists (not offering CEU's)

### **COURSE OBJECTIVES**

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

1. **Identify** key anatomical features of the visual system and common visual-perceptual deficits associated with neurologic diagnoses.
2. **Select** appropriate components of a comprehensive vision assessment using the framework introduced during course (visual acuity impairments, ocular motor changes, visual field loss and spatial neglect).
3. Critically **assess and interpret** findings from a visual assessment in the context of case examples.
4. **Develop** a treatment plan to address performance breakdowns related to common visual perceptual deficits observed in neurologic patients.
5. **Identify** symptoms or other contributing factors that may influence performance during a visual assessment with neurologic patients.

## COURSE FACULTY



*Kelsey Watters, OTR/L, BCPR  
Occupational Therapist, Shirley Ryan AbilityLab  
Adjunct Faculty, University of Illinois at Chicago, Occupational Therapy  
program*

Kelsey Watters is an occupational therapist at the Shirley Ryan AbilityLab who graduated from University of Washington with her masters in occupational therapy in 2011. She is currently pursuing her doctoral degree of clinical science in occupational therapy at the University of Pittsburgh. Kelsey is Board Certified in Physical Rehabilitation by the American Occupational Therapy Association and the clinical practice leader for occupational therapy at SRALab. Kelsey works as a functional cognition and vision therapist. Her clinical interest areas include traumatic brain injury, visual/perceptual impairments and functional cognition. She has facilitated lectures and workshops nationally and holds an adjunct teaching position at the University of Illinois at Chicago's Occupational Therapy program. Kelsey has lectured on topics related to brain injury, functional cognition, visual impairments and health literacy as well as participated in several research studies related to attention, motor recovery, disorders of consciousness and spatial neglect.



*Viktoriya Landar OTR/L  
Occupational Therapist, Shirley Ryan AbilityLab*

Viktoriya Landar is an occupational therapist at the Shirley Ryan AbilityLab. She currently works as a vision therapist, as well as high intensity upper extremity and functional electrical stimulation lab therapist. Viktoriya graduated from Boston University in 2016 and has been working in inpatient rehabilitation with a focus on stroke and brain injury. Viktoriya has taught courses related to management of visual changes and has lectured at the University of Illinois at Chicago for education related to management of spatial neglect. 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.

## AGENDA

### SESSION 1

TOPIC: Vision Introduction & Background

Pework (Article, Video, Knowledge Check) Due **before** LIVE Discussion April 5

*Live Discussion* April 5<sup>th</sup> 4:30-6:00 CST

### SESSION 2

TOPIC: Vision Assessment Part 1

Pework (Video, Knowledge Check) Due **before** LIVE Discussion April 12

*Live Discussion* April 12<sup>th</sup> 4:30-6:00 CST

### SESSION 3

TOPIC Vision Assessment Part 2

Pework (Video, Knowledge Check) Due **before** LIVE Discussion April 19

*Live Discussion* April 19<sup>th</sup> 4:30-6:00 CST

### SESSION 4

TOPIC: Intervention & Caseload Management Part 1

Pework (Video, Knowledge Check) Due **before** LIVE Discussion April 26

*Live Discussion* April 26<sup>th</sup> 4:30-6:00 CST

### SESSION 5

TOPIC: Intervention & Caseload Management Part 2

Pework (Video, Knowledge Check) Due **before** LIVE Discussion May 3

*Live Discussion* May 3<sup>rd</sup> 4:30-6:00 CST

### SESSION 6

TOPIC: Spatial Neglect & Perception

Pework (Article, Video, Knowledge Check) Due **before** LIVE Discussion May 10

*Live Discussion* May 10<sup>th</sup> 4:30-6:00 CST

***Please refer to the syllabus for complete agenda, course work requirements and additional details.***

## GRADING & CONDUCT OVERVIEW

The learning in this course is built on the ongoing exchange of ideas and information through online, live seminars and discussion board posts on the Academy Learning Portal. The required assignments will be available during the 8 weeks (6 live plus two weeks to complete coursework) that the course content is available. Students will be required to complete the course satisfactorily by **May 24<sup>th</sup> 2022** (two weeks after live content has ended).

We seek to foster a cordial, collaborative, and supportive learning community. Diversity of opinions, conflicting perspectives, variable experiences and abilities are all respected and encouraged. In order to honor these traits, please conduct yourself with a high level of professional and academic standards within this instructional setting.

The Discussion Board will be used as an additional tool to facilitate interaction between learners and faculty. Please reflect upon Discussion Board questions with thoughtful answers and non-biased, critical statements of your colleagues' learning. For students to receive credit for a course and receive a passing grade, attendance (6/6 modules) is required on all components of the live or on-demand lectures. Please refer to each module for the specific rubric. Lecture or discussion content will be made available on-demand 1 day after the live date.

## TUITION

Early Bird Registration (before Feb 18 <sup>th</sup> 2022)	\$550.00
Regular Registration Fee (after Feb 18 <sup>th</sup> 2022)	\$650.00

**\*Please contact the Academy regarding Group Discounts\***

## LOCATION

The program will be held completely online.

### Teaching Modality/Delivery Method

This course is taught virtually using Zoom, an online meeting platform, and the Academy Learning Portal where participants will find discussion boards, and other online learning materials.

## TECHNOLOGY REQUIREMENTS

To participate, you will need access to a device with an Internet connection.

Computers, laptops, iOS and Android devices are supported.

High-speed broadband Internet access (LAN, Cable or DSL) is highly recommended.

Additional requirements include:

- Web browser: latest version of Chrome, Firefox or Safari
- JavaScript and Cookies enabled
- Speaker or headset to listen to recorded audio files
- Speaker and microphone, or headset with microphone, or phone to listen to webinar facilitators

## ACCESSIBILITY

Please contact the Academy if you require special accommodations for this course. Accessible materials and personal assistance are available with at least 45-days advance notice.

## CANCELLATION POLICY

All cancellations must be in writing. Refunds less a 20% administrative charge will be given until **March 5<sup>th</sup> 2022**. The Academy reserves the right to cancel or change any programs for due cause. Cancellation of a program by the Academy will result in a full refund of tuition.

## IMPORTANT REGISTRATION INFORMATION - UPDATE

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 or faxed registrations. **Full Tuition must accompany the registration form in order to confirm a 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 day that you register. For registrations received by standard mail or fax, the confirmation may take up to 3 weeks after we receive your registrations. If you do not receive confirmation within this period, please call 312-238-6042.

**One week prior to the course, only internet registrations and faxed registrations that include an email will be accepted.** Please note that the course could reach its maximum enrollment before this time.

## CONTINUING EDUCATION CREDIT

### Physical Therapy

This online course has been approved by the Illinois Physical Therapy Board for 19.0 Contact Hours (10.0 hours self-study & 9.0 hours live). On-Demand approved for (19.0 hours self-study). Approval #216-000069

The Shirley Ryan AbilityLab is recognized by the New York State Education Department's State Board of Physical Therapy as an approved provider of physical therapy and physical therapist assistant continuing education. This course has been approved by the New York Physical Therapy Board for 19.0 Contact Hours (10.0 hours self-study & 9.0 hours live) or all on-demand (19.0 hours self-study).

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

### Occupational Therapy



Shirley Ryan AbilityLab is an AOTA Approved Provider of professional development. Course approval ID# 3695. This distance learning independent/ distance learning- interactive course is offered at 19.0 Contact Hours, 1.9 CEU [intermediate level, Foundational knowledge/ OT Service Delivery]. AOTA does not endorse specific course content, products, or clinical procedures.



# THANK YOU

We would like to thank **MERZ** for their educational grant which supports the Academy at the Shirley Ryan AbilityLab and helps us pull together programs such as this.





# Register Online at [www.sralab.org](http://www.sralab.org) or complete the form below and return with payment

## Vision in NeuroRehabilitation: Practice Tools for Assessment and Intervention April 5<sup>th</sup> – May 10<sup>th</sup> 2022

**Early Bird Tuition** (until Feb 18<sup>th</sup> 2022): \$550.00

**Tuition** (after Feb 18<sup>th</sup> 2022): \$650.00

**Select one:** ☐ LIVE Course ☐ ON-DEMAND Course

Questions? Contact Leslie Marriott, [lmariott@sralab.org](mailto:lmariott@sralab.org), 312-238-6832

**Mail to: Academy**  
**Shirley Ryan AbilityLab**  
**355 E. Erie Street, 12<sup>th</sup> floor**  
**Chicago, Illinois 60611**

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 \_\_\_\_\_

Credit card registrations may be mailed or faxed to: 312-238-4451.