



Neurorecovery™  
Unlimited



# Certified Stroke Rehabilitation Specialist (CSRS)™

**7 million stroke survivors.**

**More treatment and measurement strategies than ever.**

*Will you rise to the challenge?*

**For more information:**  
[info@rehablab.org](mailto:info@rehablab.org)  
[www.stroke.org/csrs](http://www.stroke.org/csrs)

Stroke remains the country's leading cause of disability and is becoming more common. Despite receiving weeks of rehabilitation, over 80% of stroke survivors retain impairments that compromise their independence.

Physical and occupational therapists are expected to provide strategies targeting these impairments, often with fewer resources. Yet, finding evidence-based, cutting edge, treatment and measurement information in one place is challenging.

## **WHAT IS A CERTIFIED STROKE REHABILITATION SPECIALIST?**

The CSRS™ enables therapists to become preeminent stroke clinicians through a rigorous set of courses culminating in a written examination and nationally-recognized credential. The program consists of a four-tiered, seminar-based, stroke educational program. Each, CSRS™ seminar is about 7 hours (7.0 hours of continuing education units). Successive seminars build on knowledge gained in previous courses, with the series culminating in an online test administered via a secure website. Successful test completion with a score of 80% or above grants the CSRS™ certification, which are placed after your professional credentials.

*The CSRS™ is the field's only stroke rehabilitation certification.*

## **WHERE AND WHEN ARE THE COURSES OFFERED?**

Courses are offered in regional locations across the country on a recurring basis.

## **WHO SHOULD ATTEND?**

Licensed Physical Therapists, Physical Therapist Assistants, Occupational Therapists and Occupational Therapy Assistants looking for evidenced based information on stroke rehabilitative care.

## **DO I HAVE TO TAKE ALL FOUR COURSES IN THE SERIES?**

You must take all four courses to take the CSRS™ exam; however you may take any combination of courses if you do not plan to take the certification examination.

## **HOW CAN I REGISTER FOR THE COURSES?**

You can register for the CSRS™ courses by completing and returning the attached registration form with payment or by visiting our site [www.strokecertification.com](http://www.strokecertification.com), where you can register and pay using PayPal.

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## Course Objectives:

By the end of this four-part series, participants will be able to:

1. Describe the neuroanatomical and neuromuscular changes associated with stroke and with practice after stroke
2. Identify common stroke etiologies and describe their common impairments
3. Describe commonly used stroke treatment theoretical frameworks
4. Administer 6 stroke specific measures to quantify impairment or functional limitation level
5. Describe and access 4 available search engines that yield stroke specific evidence
6. Demonstrate 4 evidence based strategies that address gait and balance
7. Identify and describe common medication strategies that physician team members may deploy to manage post-stroke impairments
8. Describe and demonstrate the rationale and application of 3 evidence based strategies to increase paretic upper extremity function after stroke
9. Demonstrate basic, appropriate use of electrical stimulation modalities to the paretic extremity

\*Participants must attend the entire course in order to receive credit\*

### Course Instructors:

**Christine Griffin, MS, OTR/L, BCPR, C/NDT** has worked in Inpatient Rehabilitation, Skilled Nursing Facilities, Acute Care, and Outpatient Clinics, and as a Faculty Member for the School of Health and Rehabilitation Sciences at The Ohio State University since 2000. Christine is NDT-certified, AOTA Board Certified in Physical Rehabilitation, and was awarded the 2011 Ohio OT Association Model Practice Award in Physical Rehabilitation. She has had extensive teaching experience in the OSU medical system, including OSU's Physical Medical & Rehabilitation Residency Education Program. Furthermore, Christine has presented at local, state, and national conferences for a decade, including stroke workshops at the 2010, 2011, 2012, 2013, and 2015 annual meetings of the AOTA.

**J.J. Mowder-Tinney, PT, PhD, C/NDT, NCS, CEEAA** received her Bachelor of Science in Psychology from the University of Colorado, Boulder and her Master of Science in Physical Therapy from the University of Miami in Florida. She completed her doctorate in physical therapy at NOVA Southeastern University. She has almost 20 years of experience in a multitude of clinical settings with the majority of experience with people with neuromuscular deficits. She is certified as a clinical specialist in Neurologic Physical Therapy by the American Board of Physical Therapy Specialties (ABPTS) and is certified in Neuro-Developmental Treatment. She is an Associate Professor at Nazareth College in the physical therapy department. She serves on professional committees related to neurology, wound care, and adaptive seating.

**Stephen J. Page, Ph.D., M.S., MOT, OTR/L, FAHA, FACRM, FAOTA** is an Associate Professor in the College of Medicine at The Ohio State University. For over a decade, Dr. Page and his team have developed and tested clinical stroke therapies, including "first ever" work on modified constraint-induced movement therapy, mental imagery/mental practice, portable robotics, and electrical stimulation neuroprosthetics. Dr. Page has instructed highly rated live and online stroke seminars to over 2000 physical and occupational therapists in almost every state for the past 8 years, and has been recognized for his work and professional contributions by the Ohio Physical Therapy Association, the Ohio Occupational Therapy Association, The American Occupational Therapy Association, and the American Congress of Rehabilitation Medicine. He has published over 100 peer reviewed articles, given over 200 national and international presentations, and held uninterrupted research funding for clinical stroke studies for over a decade.

**Angela Reimer, MOT, OTR/L** boasts > 14 years of clinical experience with geriatric and neurologically impaired populations. Additionally Ms. Reimer is a Certified Kinesio Taping Practitioner, a member of Kinesio Taping Association International (KTAI), the American Society for Neurorehabilitation, the Indiana Occupational Therapy Association, and The American Occupational Therapy Association, and is a member of several regional and national practice committees such as the AOTA's national credentialing committee. Ms. Reimer has presented courses across North America on taping and stroke rehabilitation, including, most recently, a "standing room only" executive function course for stroke practitioners at the 2013 and 2015 AOTA conference.

### Education Level and AOTA Classification Codes

Education level: Intermediate

Content of the CSRS series meets AOTA Classification Categories 1 (Domain of OT) and 2 (Occupational Therapy Process)

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## WHAT YOU WILL LEARN:

neuroplasticity · finding & using evidence · implementing modified constraint-induced therapy · gait, locomotion, & balance treatments · spasticity measurement & treatments · hemiplegic shoulder treatments · unilateral neglect · functional neuroanatomy · case studies · mental practice for the upper and lower extremities · electrical stimulation for the shoulder, lower, and upper extremities · treatment principles · and much more!!

## OVER 26 HOURS OF CUTTING EDGE MATERIAL!!!



## LOCATION AND COURSE FEATURES:

This course will be located at:

Saint Francis Hospital  
6161 South Yale Avenue  
Tulsa, OK 74136

Registration begins at **7:30 a.m.** The seminar **begins at 8:00 a.m.** and **concludes at about 4:00 p.m.** Coffee/hot tea provided in a.m.; one-hour break for lunch on your own; afternoon snacks provided during break. Certificates will be awarded at the end of each course.

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Please complete **ALL** fields:

Registrant's Name: \_\_\_\_\_

Registrant's Profession and State/License Number: \_\_\_\_\_

E-Mail Address (for confirmation): \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Please select course(s):

- CSRS™ Level 1 - July 21, 2018 (Tulsa)
- CSRS™ Level 2 - July 22, 2018 (Tulsa)
- CSRS™ Level 3 - Aug 4, 2018 (Tulsa)
- CSRS™ Level 4 - Aug 5, 2018 (Tulsa)

Registration Fee:

Regular Registration

\$210.00 per course, or all four courses for \$800.00

*National Stroke Association Stroke Center Network sites receive a 10% discount for all courses*

*Please enter name of SCN site for discount: \_\_\_\_\_*

**Return registration form with payment (check or cashier's check) to:  
Neurorecovery Unlimited, LLC, 4034 Prince George Lane, New Albany, OH 43054**

Upon registering, a confirmation, and directions will be sent via e-mail. For more information on the CSRS,™ including copies of course pamphlets, agendas, and other course locations, visit us at [www.strokecertification.com](http://www.strokecertification.com) or e-mail us at: [info@rehablab.org](mailto:info@rehablab.org).