

Bridging the Gap

Between Research and Clinical Practice in Neurorehabilitation
Neuroplasticity and Motor Learning

Saturday, June 15, 2019

7:30 am – 5:00 pm

Spaulding Cape Cod

311 Service Road
East Sandwich, MA

COURSE DESCRIPTION

A unique 1-day conference demonstrating the application of therapeutic interventions in an evidence-based practice model. An interdisciplinary group of experts will offer didactic sessions designed for clinicians from a range of clinical backgrounds and hands-on breakout sessions to deepen learning. Throughout the emphasis will be on applying principles of neuroplasticity using an inter-professional, collaborative approach to enhance outcomes for patients with neurologic impairments.

COURSE OBJECTIVES

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

- identify the principles of neuroplasticity and motor learning and their role in rehabilitation
- recognize common visual pathologies related to neurological disease and injuries and their evidenced-based treatments
- describe the science behind Neurologic Music Therapy and the mechanisms by which NMT enhances patients' responses to therapy
- recognize challenges and barriers patients and their loved ones face during recovery from neurologic impairments
- identify evidenced-based, discipline-specific treatment interventions to enhance the neuroplastic and motor learning responses of patients with neurologic impairments

Strength is knowledge
Strength is expertise
Strength is innovation

Find your strength.



Spaulding Learning Programs

INTENDED AUDIENCE

This course is intended for Physical Therapists, Physical Therapy Assistants, Occupational Therapists, Certified Occupational Therapy Assistants, Speech/Language Pathologists, Clinical Managers and Directors of Rehabilitation, and Registered Nurses.

CONTINUING EDUCATION

Occupational Therapists and Speech and Language Pathologists will receive a certificate of completion for 7.0 hours (SLP CEUs pending). All others will receive a certificate of attendance.

COURSE FEES AND REGISTRATION

\$100 Early Bird by May 24; **\$125** thereafter. SRN staff may apply for full tuition reimbursement.

Cancellations/Refunds: A full refund will be provided if requested by **June 7**.

Online registration only. To register, contact Julie Birch, **508.833.4243** or jabirch@partners.org .

ACCOMMODATIONS OR QUESTIONS

Please contact Julie Birch, **508.833.4243** or jabirch@partners.org .

COURSE FACULTY

FEATURED PRESENTERS



Brian Harris MS, NMP, Certified Neurologic Music Therapist, is CEO of MedRhythms, a neuro-rehab company using Neurologic Music Therapy (NMT) to achieve optimum outcomes in sensorimotor, speech and language, and cognitive goals for patients with traumatic brain injury, stroke, Parkinson's disease and other neurologic diseases. MedRhythms NMT-trained clinicians work in collaboration with therapists at Spaulding Boston and Spaulding Cape Cod to facilitate patients' functional return across a range of therapeutic interventions.



Kevin Houston OD, MSc, is the Associate Director of Mass Eye and Ear Optometry and Vision Rehab for the Spaulding Rehabilitation Network. He examines patients with vision loss due to eye disease or neurological injury and provides special visual aids, prism glasses, and therapies to allow the highest possible level of visual function. He directs Spaulding Cape Cod's inpatient vision telehealth services in collaboration with SCC's occupational therapists. His research interests include hemianopia, eye lid paralysis, strabismus and other binocular vision disorders common after brain injury.



Ann McCarthy Jacobson PT, DPT, MS is Associate Professor, MGH Institute of Health Professions and Spaulding Rehabilitation Hospital Boston. A Clinical Expert Physical Therapist on Spaulding Boston's inpatient units, she provides consultation regarding patients with vestibular, balance, behavioral/cognitive, and movement disorders.



Heidi Wennemer DO, MA, an Inpatient Staff Psychiatrist at Spaulding Cape Cod, is board certified by the American Board of Physical Medicine and Rehabilitation and the Board of Preventative Medicine.

Dr. Wennemer focuses on neurologic rehabilitation, spinal cord injury rehabilitation, and wound care. Prior to joining Spaulding Cape Cod, she served as Medical Director at New England Sinai and Rehabilitation Hospital, Director of Spinal Cord Injury at Braintree Rehabilitation Hospital, and Chief of Adult PM&R at Tufts Medical Center.

A CLINICIAN'S PERSPECTIVE ON BEING A PATIENT



Featuring Stephanie and Dennis McKennan

A compassionate physical therapist, avid runner, enthusiastic outdoorsman, talented cook, ambitious surfer and devoted wife, sister, daughter and friend, Stephanie experienced a life-altering event the night she was hit by a car while biking home from pizza. She survived two life-saving brain surgeries and has fought vigorously to overcome her injuries. In this honest, moving and inspiring video, she and her husband Dennis share the story of their road to recovery.

BREAK-OUT SESSIONS FACULTY*

Janine Annis-Young MS, CCC-SLP, CBIS

Speech and language pathologist in SCC's inpatient neuro programs; facilitator Brains at Risk program in collaboration with Brain Injury Assn. of MA

Caroline Collins MS, OTR/L

SCC Clinical Specialist, trained in multiple neuro-rehab technologies, including BITS and NeuroMove; co-coordinator, Inpatient Vision Clinic; SCC Vestibular Special Interest Group

Daina Juhansoo MEd, DPT

SCC Director of Inpatient Rehabilitation, oversees SCC's inpatient therapy programs, therapeutic recreation service, and case management department

Susan Gordon DNP, ACNP, CNRN, SCRNP

Former SCC Evening Nurse Supervisor; Former Nursing Director BIDMC Neuroscience Stepdown Unit and Floor

Ashley Kaes PT, DPT, CBIS

SCC Advanced Clinician; SCC Vestibular Special Interest Group; Clinical Instructor Credentialing Certification; skilled in multiple neuro-rehab technologies including L300 Go and LiteGait BWSS; Lab Instructor, MGH Institute for Health Professions

Matthew Keilty MS, OTR/L, CBIS, CPAM, CCCE

SCC Professional Development/Staff Education Supervisor; OT Clinical Specialist; NDT and Neuro-IFRAH trained, Coordinator Inpatient Vision Clinic, Lab Instructor, MGH Institute for Health Professions

Colleen McCauley PT, DPT, NCS, CBIS

SCC Advanced Clinical Specialist; Board-Certified Neurological Clinical Specialist, Neuro-IFRAH certified; Clinical Instructor Credentialing Certification; skilled in multiple neuro-rehab technologies; Lab Instructor, MGH Institute for Health Professions;

Kara McKeown PT, MSPT, CBIS

SCC Advanced Clinician; Chair of SCC Vestibular Special Interest Group; Clinical Instructor Credentialing Certification

Marissa Rewak PT, MS, DPT

SCC Advanced Clinician; SCC Vestibular Special Interest Group

Ashley Salvail MS, OTR/L

SCC Advanced Clinician; NDT Level 1 & 2 Certified

Stacey Zalanowski PT, DPT, NCS

Board-certified Clinical Specialist in Neurological Physical Therapy; PT Practice Leader, Stroke and Pediatric Programs at Spaulding Rehabilitation Hospital Boston

*SCC - Spaulding Rehabilitation Hospital Cape Cod

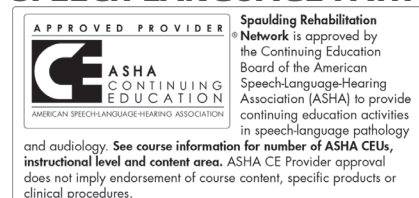
ACCREDITATION

OCCUPATIONAL THERAPY



The Spaulding Rehabilitation Network is recognized as an approved provider of continuing education by AOTA. The assignment of AOTA CEUs does not imply endorsement of specific course content, products or clinical procedures by AOTA. This course is offered for .70 AOTA CEUs (introductory level; performance skills).

SPEECH-LANGUAGE PATHOLOGY



This course is pending for up to .70 ASHA CEUs (introductory level; related area)

COURSE AGENDA

SATURDAY, JUNE 15, 2019

7:30am – 8:00am	Registration and Continental Breakfast
8:00am – 8:15am	Welcome and Opening Remarks <i>SCC Education Committee</i>
8:15am – 9:15am	Motor Learning and Neuroplasticity <i>Heidi Wennemer DO</i>
9:15am – 9:30am	Break
9:30am – 10:30am	Rehabilitation of Visual and Perceptual Disorders <i>Kevin Houston OD</i>
10:30am – 10:45am	Break
10:45am – 11:45am	Neurologic Music Therapy <i>Brian Harris MS, NMT</i>
11:45am – 12:15pm	Lunch
12:15pm – 1:15pm	A Clinician's Perspective on Being a Patient (recorded) <i>Stephanie and Dennis McKennan's Story</i>
1:15pm – 2:30pm	Breakout Session 1: (select one) A: Cueing Strategies for Optimizing Motor Learning <i>Janine Annis-Young MS, CCC-SLP, CBIS; Colleen McCauley PT, DPT, NCS, CBIS; Matthew Keilty MS, OTR/L, CBIS</i> B: Central Vestibular Disorders <i>Ann McCarthy Jacobson PT, DPT, MS; Kara McKeown PT, MSPT, CBIS; Marissa Rewak PT, MS, DPT; Ashley Kaes PT, DPT, CBIS</i> C: Neuro for Non-Neuro Nurses <i>Susan Gordon DNP, ACNP, CNRN, SCRN</i>
2:30pm – 2:45pm	Break
2:45pm – 4:00pm	Breakout Session 2: (select one) A. Patient Handling Techniques for Neurologically Impaired Patients <i>Stacey Zalanowski, PT, DPT, NCS; Colleen McCauley PT, DPT, NCS, CBIS; Matthew Keilty MS, OTR/L, CBIS</i> B. Advanced Technologies: NeuroMove™, Bioness® H200, L300, and BITS <i>Marissa Rewak PT, MS, DPT; Ashley Salvail MS, OTR/L; Ashley Kaes PT, DPT, CBIS; Caroline Collins MS, OTR/L</i> C. Weathering the Storm: Bowel and Neurogenic Bladder Management <i>Dr. Heidi Wennemer DO, MA</i>
4:00pm – 4:25pm	Panel Discussion <i>Dr. Wennemer, Dr. Houston, Brian Harris, Ann McCarthy Jacobson, and Susan Gordon</i>
4:25pm – 4:45pm	Closing Remarks and Evaluations <i>Daina Juhansoo DPT, SCC Director of Rehabilitation</i>