

1) *A Neurological Map of Executive Functioning: From the Brain to the Classroom* – Stacy Picard

This session is a neurological tour of the systems involved in executive functioning/working memory within the brain, how this manifests in learning and behavior, and research based interventions for the classroom/school setting.

2) *The Critical Link Between Vision, ADL, Academic Performance, and Rehabilitation* – Amy Pruszenski

Course description coming soon!

3) *Part 1 of 2: The Future is Now: Advancements in Upper Extremity Prosthetics* – Amy Quinney

My talk is on the future of upper extremity prosthetics- specifically the LUKE arm (aka the Deka arm) and the use of pattern recognition software to have advanced control over myoelectric prosthetics. I have a patient who has bilateral upper extremity amputations and is a current Luke arm user (although not a myoelectric user). He has agreed to come with me to show off the Luke arm.

Objectives:

1. Participants will be able to describe 3 different control schemes for upper extremity prosthetics.
2. Participants will understand new cutting edge technology and surgical procedures related to upper extremity amputees.
3. Participants will be able to describe the OT process for working with upper extremity amputees.

***Part 2 of 2: Upper Quarter Tips and Tricks for the Non-CHT* – Joanne Pennington**

This presentation is to provide a review/overview for UE management both post-stroke and basic orthopedic conditions geared more to the occupational therapist that doesn't specialize in hand therapy.

Course Objectives:

- 1: Provide a rationale and review for UE anatomy knowledge.
- 2: Provide intervention management techniques/tips for pain in both the hemiplegic and orthopedic UE.
- 3: Present review of tone management principles for the hemiplegic UE.

4) *Collaborative Role of Optometry and Occupational Therapy in Treating Visual Dysfunction* – Kathleen O'Leary and Angela Butler

Course Objectives:

- 1: Eye anatomy
- 2: Participants will identify at least 2 client scenarios that would be appropriate for the interdisciplinary intervention of both optometry and occupational therapy services.

3: Participants will identify at least 2 standardized assessment tools and 4 treatment strategies to utilize in occupational therapy for clients with visual dysfunction.

5) *Barriers Breakdown! Evaluating the Physical Environment* – Denise Finch

As occupational therapy practitioners, we often work directly with the client to resolve specific dysfunctions or deficits in order to improve function. However, there are additional opportunities to improve client function and participation through evaluation and modification of home, school or work environments. In this interactive session, we will explore several guidelines, assessments, and tools available to evaluate the physical environment and inform interventions to reduce identified barriers. Hands-on experiences using a variety of written formats and evaluation tools such as ADA accessibility forms, light meters, force gauges and inclinometers, will be provided.

Course Objectives: At the completion of this session, you will be able to:

1. Describe and discuss written formats/tools available to evaluate environmental factors in schools, home and work.
2. Measure the physical environment using tools such as light meters, inclinometers, force gauges, anthropometric tables, and ADA guidelines.
3. Describe and discuss legislation that supports environmental access and participation (ADA, Rehab Act, Fair Housing Act, etc.).

6) *Every Moment Counts: Positive Mental Health Promotion Across Settings* – Ann Kline & Marta Kilrain

Every Moment Counts is a mental health promotion initiative developed to help all children and youth become mentally healthy in order to succeed in school, at home and in the community. Created by Sue Bazyk, professor of OT at CSU, Every Moment Counts was first trialed in Cleveland Ohio and then brought to NH by the Office of Student Wellness. Every Moment Counts focuses on building capacity among school staff and changing mindset to embrace the idea of Mental Wellness. Ann Kline and Marta Kilrain in conjunction with Sue Bazyk and Carol Conway trained 35 OTs from across the state of NH to implement Every Moment Counts. This workshop will introduce the concepts behind EMC, share success stories already in practice in NH, explore the different model programs included in EMC, and allow time for supported strategic planning centered around capacity building and implementation of the programs. Mental health in schools is a hot topic- come learn how to be part of implementing positive changes! Anyone in any practice area with any age range is invited to attend.

