

Homecoming Activities

University of Central Arkansas

Occupational Therapy Alumni

Friday, October 23, 2009, 5-6:30pm.

- UCA Occupational Therapy alumni are invited to a complimentary reception and open house in the Occupational Therapy Department, Doyne Health Sciences Center. Send past and present photos with your name, year of graduation to bjackson@uca.edu.
- Dinner with Friends! Following the reception, join your classmates for an intimate dinner at local restaurants! We'll organize groups and make your reservations for you!

Physical Therapy Alumni

Saturday, October 24, 2009, 4-6:00pm.

- UCA Physical Therapy & Physical Therapist Assistant alumni, family and friends are invited to a complimentary reception and open house in the Physical Therapy Center in conjunction with UCA Homecoming Tailgate festivities.
- RSVP suggested at 501-450-5549 or staceys@uca.edu.

Alumni Weekend Registration

UCA OT Alumni Reception and Open House Friday, 5-6:30pm (complimentary, RSVP requested)

- Yes, I will attend the complimentary OT Alumni Reception and Open House. No, I will not attend the UCA OT Alumni Reception and Open House.

OT Department will arrange reservations for graduates and their families to dine together Friday night. (paid individually, RSVP required)

- Yes, Number for reservation _____ My year of Graduation was _____. No, I will not be able to participate.

UCA PT & PTA Alumni Reception and Open House, Saturday, 4-6:00 pm (complimentary, RSVP requested)

- Yes, I will attend the complimentary PT Alumni Reception. No, I will not attend the PT Alumni Reception.

Course Registration

Registration and Payment received by
September 9, 2009:

UCA PT and OT Alumni \$190
Friday and Saturday Course

Non-Alumni, Friday and Saturday \$290

UCA PT and OT Alumni \$150
Friday ONLY Course

Non-Alumni, Friday ONLY Course \$250

Registration & Payment Received Add \$25
after September 10, 2009

*Amount Enclosed \$ _____

Make Checks Payable to: UCA Foundation OT Fund

*Refunds or partial refunds will be considered on a discretionary basis.

Participant Information

Name (for CEU certificate)

(Name used in school)

OT PT PT A

UCA Alumnus?

yes no

Year Graduated _____

Degree _____

Street _____

City _____

State _____

Zip _____

Email Address _____

Daytime Phone _____

For more Information
Contact:

Veronica Rowe, MS, OTR/L
501-852-2343 or vrowe@uca.edu
OR
Stacey Stephens, MS
501-450-5549 or staceys@uca.edu

Return Registration Forms
& Payment to:

ATTN: Rachel Bell
UCA OT Department
Doyne Health Sciences Center, Ste 300
201 Donaghey Ave
Conway, AR 72035

University of Central Arkansas

2009

OT and PT Alumni Weekend

Constraint-Induced Therapy and Current Concepts in Neuroplasticity

Applying Evidence Based Research in the Clinic

Presented by the
Department of Occupational Therapy and
Department of Physical Therapy

UCA Homecoming
Weekend
October 23 - 24, 2009
Conway, Arkansas



This brochure can also be found at:
www.uca.edu/ot and www.uca.edu/pt

Alumni Weekend Course Information

Constraint-Induced Therapy and Current Concepts in Neuroplasticity



About the Speakers

Objectives

1. To review historical antecedents leading to Constraint-Induced (CI) therapy and the Extremity Constraint Induced Therapy Evaluation (EXCITE) national clinical trial and the results of the EXCITE trial.
2. To describe how CI therapy and repetitive task practice may induce cortical plasticity.
3. To discuss how CI therapy is applied within the EXCITE trial.
4. To review optional modes of delivery for CI therapy within the clinical setting.
5. To review the appropriate screening process of patients for CI therapy.
6. To illustrate through video demonstrations assessments and outcomes of CI therapy.
7. To demonstrate and perform options for monitoring performance outcomes of therapeutic programs that incorporate CI therapy, including the Wolf Motor Function Test, the Arm Motor Fugl-Meyer Test, The Motor Activity Log, and the Stroke Impact Scale as evidenced through practice in a lab setting.
8. To facilitate open discussion regarding "real world applications" of CI therapy, including strengths and limitations of this treatment.

Continuing Ed Units

The course is approved for Occupational Therapists and Occupational Therapist Assistants by the Arkansas State Medical Board for _____ and approved for Physical Therapists and PT Assistants by the Arkansas State Board of Physical Therapy for _____.

Location

Friday— Physical Therapy Center, Room 108.

Saturday— Doyme Health Sciences Center, Room 309.
University of Central Arkansas, Conway, AR



Friday, Day 1

8:30-9:00 REGISTRATION

9:00-12:00 (with one 15 minute break)

The EXCITE trial: Predicting successful patient responders to Constraint-Induced Therapy. Dr. Wolf will review the origins of the Extremity Constraint Induced Therapy Evaluation Trial (EXCITE) and the results from that study as well as discuss the next logical steps while providing clinicians with important consideration for the application of CI therapy or other forms of repetitive task practice. The concept of neuroplasticity as it relates to CI therapy and repetitive task practice will also be reviewed. (Wolf)

12:00-12:45 LUNCH PROVIDED

12:45-2:00

Clinical Application of Constraint-Induced Therapy. Dr. Blanton's presentation will include discussion of factors contributing to the determination of appropriate patients for CIT; assessing the therapeutic aspects of CIT, and reviewing the application of CIT within the clinical setting. (Blanton)

2:00-5:00 (with one 15 break)

Evaluation tools for the mild to moderately impaired upper extremity after stroke. Mrs. Rowe will review and demonstrate the evaluation tools used in the EXCITE trial including the Wolf Motor Function Test, the Fugl-Meyer Assessment for the upper extremity, the Motor Activity Log, and the Stroke Impact Scale. Discussions of modifications of assessments for use in the clinic will also be included. (Rowe)

5:00-5:15 QUESTIONS AND ANSWERS

Saturday, Day 2

9:00-2:15 Lab Session (break included as needed)

Clinical Application of Constraint-Induced Therapy. This lab session will be directed by Dr. Wolf, Dr. Blanton and Mrs. Rowe including demonstration, discussion, and practicing of Constraint-Induced therapy training and evaluations. (Wolf, Blanton, Rowe)

Steve Wolf, PhD, PT, FAPTA received his BA in Biology from Clark University, his physical therapy certificate from Columbia University, MS in physical therapy from Boston University and his Ph.D. in neurophysiology from Emory University. He has defined the selection criteria for the application of EMG biofeedback to restore upper extremity function among chronic patients with stroke. These findings became the inclusion criteria for most constraint induced movement therapy stroke studies. He recently completed his role as Principal Investigator for the NIH nationally funded EXCITE Trial, the first multi-center Phase III non-surgical, non-pharmacological, upper extremity stroke rehabilitation study ever funded by the NIH. His interests in feedback also led to the comparison of center of pressure biofeedback with Tai Chi for falls reduction in older adults. He has over 200 publications and 600 national and international presentations on these topics. He has served in multiple APTA administrative and leadership capacities at both component and national levels.

Sarah Blanton, DPT, PT, NCS is an Assistant Professor of Rehabilitation Medicine at Emory University School of Medicine, Division of Physical Therapy and the manager of the Emory Constraint Induced Therapy clinic. She has been a project coordinator for two multi-site, NIH-funded national clinical trials - the EXCITE (Extremity Constraint Induced Therapy Evaluation) RCT and currently the ICARE (Interdisciplinary Collaborative Arm Rehabilitation Evaluation) RCT. She graduated from the University of Virginia in 1987 with a BA degree in biology, from Emory University in 1992 with her masters in physical therapy and received her clinical doctorate in physical therapy in 2003. She has a specialty certification in Neurology through the American Board of Physical Therapy. She spent nine years working as a staff physical therapist at the Emory Center for Rehabilitation Medicine, primarily in the inpatient neurology unit. Currently she is the principal investigator of the Family Centered Care of Stroke Survivors and Caregivers to Facilitate Health Related Quality of Life Assessment and Treatment study. She is author of several peer-reviewed articles, co-author of two book chapters and serves as manuscript reviewer for Stroke, Physical Therapy, Journal of Neurological Physical Therapy and Archives of Physical Medicine and Rehabilitation.

Veronica T. Rowe, MS, OTR/L received her BS from Hendrix College in Conway, Arkansas, MS (Research) from St. Louis University in St. Louis, Missouri, and MS in OT from Washington University also in St. Louis, Missouri. Mrs. Rowe has over 10 years of experience in various areas of adult and geriatric care including acute, rehab, long term, burns, hands, and psych with an emphasis in neurological disorders. She has spent her career in St. Louis, Missouri at St. Anthony's Medical Center; Baltimore, Maryland at Johns Hopkins Bayview; and in Atlanta, Georgia at Emory University. She has always worked directly with patients, but also has experience in management. Prior to coming to the University of Central Arkansas, she has been a project coordinator for numerous research studies at Emory University involving rehabilitation therapies for the neurologically compromised upper extremity, including constraint induced therapy, mental imagery, and use of robotic devices. She is the author of several peer-reviewed articles. Currently she is a clinical instructor at the University of Central Arkansas in Conway, Arkansas where she teaches in the Occupational Therapy Program and continues to have research interests in neuro-rehabilitation, especially stroke and head injury and outcome measures related to the neurologically involved population.

