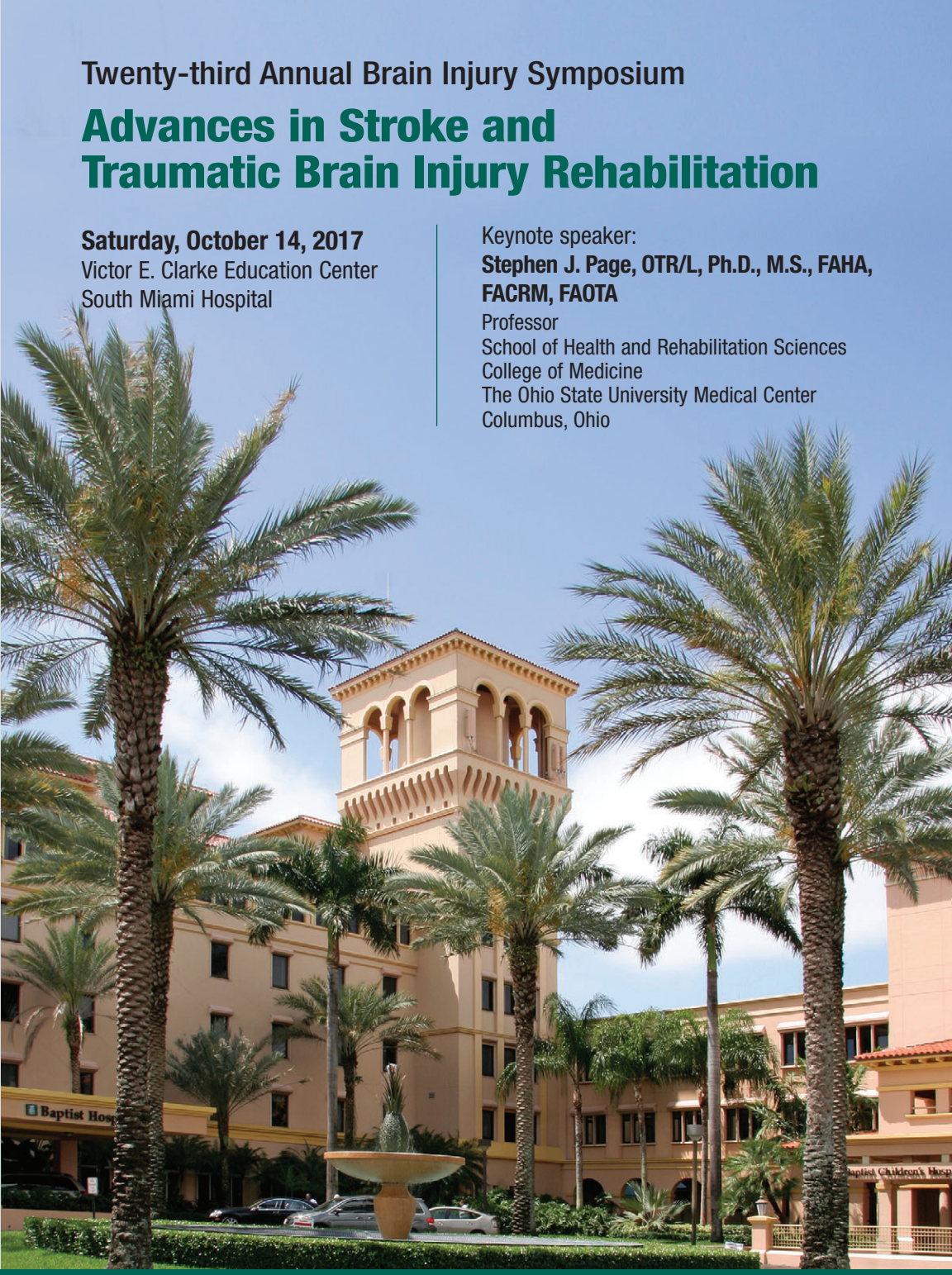
Twenty-third Annual Brain Injury Symposium

Advances in Stroke and Traumatic Brain Injury Rehabilitation

Saturday, October 14, 2017
Victor E. Clarke Education Center
South Miami Hospital

Keynote speaker:
Stephen J. Page, OTR/L, Ph.D., M.S., FAHA, FACRM, FAOTA
Professor
School of Health and Rehabilitation Sciences
College of Medicine
The Ohio State University Medical Center
Columbus, Ohio



Co-sponsored with
Baptist Neuroscience Center

Baptist Hospital
BAPTIST HEALTH SOUTH FLORIDA
Rehabilitation Center

Target Audience

■ Neurologists ■ Psychologists ■ Psychiatrists ■ Physiatrists ■ General Internists ■ Family Physicians ■ Pediatricians ■ Physical Therapists ■ Physical Therapy Assistants ■ Occupational Therapists ■ Certified Occupational Therapy Assistants ■ Speech-Language Pathologists ■ Nurses ■ Social Workers ■ Case Managers ■ Mental Health Workers ■ Recreational Therapists ■ Pharmacists ■ Athletic Trainers ■ Radiology Technologists

Symposium Goal

To improve the quality of patient care by providing an in-depth update on new techniques and research in the treatment of traumatic brain injury and stroke patients and implementing evidence-based strategies for the assessment and treatment of patients with brain injuries.

Educational Objectives

Upon completion of this conference, participants should be better able to:

- Describe the conditions under which neuroplastic changes occur.
- Utilize simple clinical interventions that apply neuroplasticity principles.
- Describe the advantages and limitations of computed tomography (CT) angiography in the acute stroke patient.
- Describe the advantages and limitations of CT perfusion in the acute stroke patient.
- Describe the various domains assessed in a typical neuropsychological evaluation.
- List the conditions for which neuropsychological assessment provides useful information.
- Differentiate between a “fixed” and a “flexible” neuropsychological test battery.
- Identify the role of participation outcomes in the implementation of functional treatment.
- Summarize the underlying principles of good therapy technique.
- Describe the fundamental differences between personalized and contextualized treatment.
- Address barriers patients face for participation within an individualized case and a healthcare system.
- Describe the role and relationship of brain plasticity with physical exercise and cognitive performance.
- Explain the impact physical exercise has on the lifespan of healthy adults and on individuals with Parkinson’s Disease, post-stroke and post-TBI.
- Identify data-driven, dose-specific recommendations of exercise for brain health as concluded from a large-scale quantitative systematic review.
- Implement tools to improve exercise literacy and aid in the promotion of increased activity levels in older adults.
- Implement strategies to utilize the current applications of robotics in the neurological rehabilitation of patients.
- Examine the current state of brain-computer interface technology and describe future directions for its application in the rehabilitation of the neurologically impaired patient.
- Review the current state of functional electrical stimulation (FES) in stroke/TBI recovery and the future directions for application of this technology.
- Review current treatment options for acute ischemic stroke.
- Determine if acute stroke patients meet eligibility criteria for reperfusion therapy.
- Recognize the signs and symptoms of the most common complications of acute stroke therapies.

Faculty

Bradley M. Aiken, M.D.
Symposium Co-director
Medical Director, Department of Rehabilitation and Brain Injury Programs
Baptist Hospital of Miami
Miami, Florida

Bradley M. Aiken, M.D., indicated that neither he nor his spouse/partner has relevant financial relationships with commercial interest companies.

Richard A. Hamilton, Ph.D.
Symposium Co-director
Clinical Director, Baptist Hospital of Miami Brain Injury and Concussion Rehabilitation Programs
Neuropsychologist, Miami Cancer Institute
Miami, Florida

Richard A. Hamilton, Ph.D., indicated that neither he nor his spouse/partner have relevant financial relationships with commercial interest companies.

Kevin J. Abrams, M.D.
Chief of Radiology
Medical Director of Neuroradiology & MRI
Baptist Hospital
Clinical Associate Professor, Department of Radiology
FIU School of Medicine
Miami, Florida

Kevin J. Abrams, M.D., indicated that he is a consultant and shareholder with Keystone Heart, and he will not include off-label or unapproved product usage in his presentation or discussion.

Joyce Rios Gomes-Osman, P.T., Ph.D.
Assistant Professor
Departments of Physical Therapy and Neurology
University of Miami Miller School of Medicine
Miami, Florida

Joyce Rios Gomes-Osman, P.T., Ph.D. indicated that neither she nor her spouse/partner has relevant financial relationships with commercial interest companies, and she will not include off-label or unapproved product usage in her presentation or discussion.

Stephen J. Page, OTR/L, Ph.D., M.S., FAHA, FACRM, FAOTA
Professor
School of Health and Rehabilitation Sciences
College of Medicine
The Ohio State University Medical Center
Columbus, Ohio

Stephen J. Page, OTR/L, Ph.D., M.S., indicated that neither he nor his spouse/partner has relevant financial relationships with commercial interest companies, and he will not include off-label or unapproved product usage in his presentation or discussion.

Felipe de los Rios La Rosa, M.D.
Medical Director, Baptist Hospital Comprehensive Stroke Center & Baptist Health South Florida Stroke Program
Voluntary Assistant Professor of Neurology
University of Cincinnati Department of Neurology & Rehabilitation Medicine
Florida International University, Herbert Wertheim College of Medicine
Miami, Florida

Felipe de los Rios La Rosa, M.D., indicated that neither he nor his spouse/partner has relevant financial relationships with commercial interest companies, and he will not include off-label or unapproved product usage in his presentation or discussion.

Kristy S.E. Weissling, SLP.D., CCC-SLP
Associate Professor of Practice
SLP Clinic Coordinator
Barkley Speech Language and Hearing Clinic — Speech & Language Services,
University of Nebraska–Lincoln
Lincoln, Nebraska

Kristy S.E. Weissling, SLP.D., CCC-SLP, indicated that she is on the Medbridge speakers bureau, and she will not include off-label or unapproved product usage in her presentation or discussion.

Non-faculty contributors and others involved in the planning, development and editing/review of the content have no relevant financial relationships to disclose.

Disclosures and Conflict-of-Interest Resolutions

Baptist Health South Florida requires resolution of all conflicts of interest to ensure balance, independence, objectivity and scientific rigor in all CME programming. Conflicts of interest of all individuals who control CME content will be identified and resolved prior to this educational activity. Full disclosure will be made in the syllabus. Presenters will also disclose discussions of off-label uses. American Speech-Language Hearing Association (ASHA) Speaker Disclosure Statements may be found at the following website:
http://baptisthealth.net/en/Rehabilitation-Courses/Pages/brain-injury-symposium-disclosure.aspx.

Schedule

SATURDAY, OCTOBER 14

7:30 a.m.	*Registration and Breakfast*
8:00 a.m.	**Smaller-Faster-Better-Easier: Clinically Practical Post-Stroke UE Motor Interventions** Stephen J. Page, OTR/L, Ph.D., M.S., FAHA, FACRM, FAOTA
9:30 a.m.	*Break and Visit Exhibits*
9:45 a.m.	**Update on Neuroimaging in Acute Stroke** Kevin J. Abrams, M.D.
10:45 a.m.	**Clinical Applications of Neuropsychological Assessment With TBI and Stroke** Richard A. Hamilton, Ph.D.
11:45 a.m.	*Luncheon and Visit Exhibits*
12:45 p.m.	**Functional Treatment of Cognitive and Linguistic Disorder in Brain Injury and Stroke: What Does This Mean?** Kristy S.E. Weissling, SLP.D., CCC-SLP
1:45 p.m.	**Exercise for Brain Health: Plasticity and Data-Driven, Dose-Specific Recommendations** Joyce Rios Gomes-Osman, P.T., Ph.D.
2:45 p.m.	*Break and Visit Exhibits*
3:00 p.m.	**New Technologies in Neurological Rehabilitation** Bradley M. Aiken, M.D.
4:00 p.m.	**Acute Stroke Treatment Update** Felipe de los Rios La Rosa, M.D.
5:00 p.m.	*Adjourn*

Continuing education certificates will be available online five business days post-symposium. Please refer to "NOTE" in the Accreditation and Credits section regarding partial credit.

Accreditations and Credits

Baptist Health South Florida is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. Baptist Health has been re-surveyed by the ACCME and awarded Commendation for 6 years as a provider of CME for physicians. Baptist Health South Florida designates this live activity for a maximum of *7.5 AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This activity has been approved for 7.5 credit hours, CE Broker Course #20-579507, by the Florida Boards of Medicine, Osteopathic Medicine, Psychology (7.5 hours) and the Florida Council of Physician Assistants.

This course has been approved for 9 continuing education credits from the Florida Physical Therapy Association, course approval CE Broker #20-57950. Accreditation of this course does not necessarily imply that the FPTA supports the views of the presenter or the sponsors. Participants must attend both days in order to receive credits.

This activity has been approved for 7.5 contact hours (CE Broker #20-579507) by the Florida State Board of Nursing, CE Broker Provider #50-182, Baptist Health South Florida.

This activity has been approved for 7.5 contact hours (CE Broker Course #20-579507) by the Florida Board of Clinical Social Workers, Marriage and Family Therapists and Mental Health Counselors, CE Broker Provider #50-182, Baptist Health South Florida.

This activity has been approved for 7.5 contact hours (CE Broker Course #20-579507) by the Florida State Board of Occupational Therapy, CE Broker Provider #50-182, Baptist Health South Florida.

This activity has been approved by the Florida Board of Pharmacy for 7.5 continuing education credits for pharmacists (CE Broker Course #20-579507) CE Broker Provider #50-182, Baptist Health South Florida.

This activity has been approved by the Florida Athletic Training Board for 7.5 continuing education credits for ATCs (CE Broker 20-579507) CE Broker Provider #50-182, Baptist Health South Florida.

These activities have been approved for continuing education credits by the Florida Bureau of Radiation Control, Provider #3201106 for 7 hours, course #20-579507.

American Speech-Language Hearing Association (ASHA) Speaker disclosures statements may be found at the following website:
https://baptisthealth.net/en/rehabilitation-courses/pages/brain-injury-symposium-disclosure.aspx

APPROVED PROVIDER
ASHA CONTINUING EDUCATION
AMERICAN SPEECH-LANGUAGE-HEARING ASSOCIATION

The University of Miami School of Medicine is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. **See course information for number of ASHA CEUs, instructional level and content area.** ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

This course is approved for 0.75 CEUs, Intermediate Level, Professional Area, course # AAMO 1701.

NOTE: Partial credits are not available. The accreditation board for Physical Therapy and Speech-Language Pathology requires that participants attend the entire symposium to be eligible for continuing education credits. For all other professions, credits will be awarded for each day, and these attendees must attend the entire day in order to receive credit. (This does not apply to M.D.s and D.O.s.)

Location

Victor E. Clarke Education Center
South Miami Hospital
6200 SW 73 Street
South Miami, FL 33143

Parking

See below.

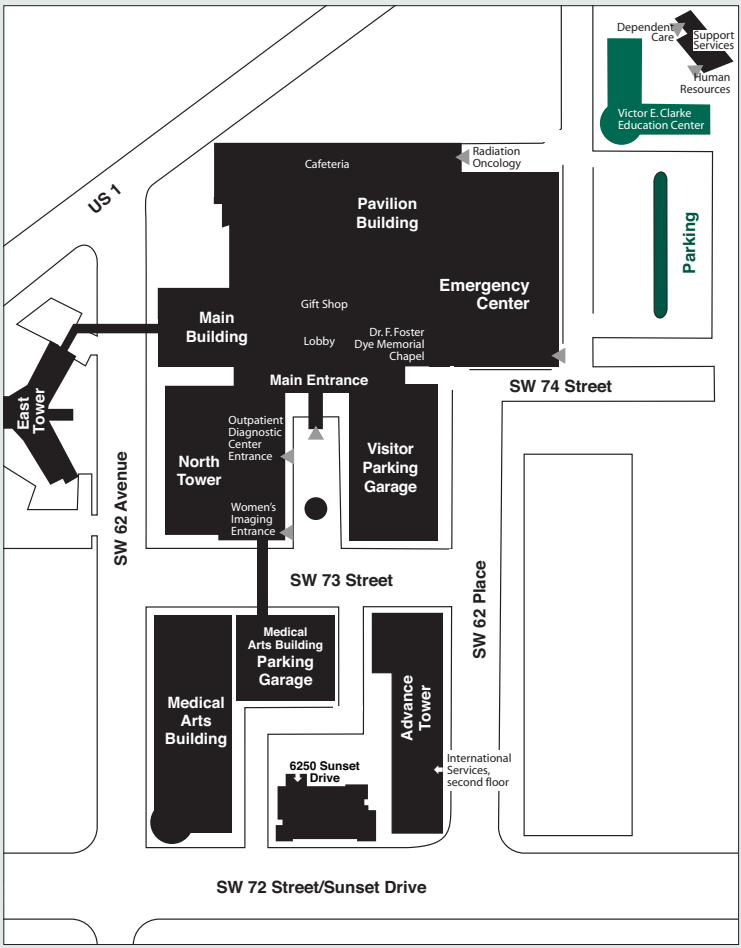
Registration Fees

$250 one-day course
$150 Baptist Health employees

Physical therapists and speech-language pathologists must attend the entire symposium in order to receive credit. M.D.s and D.O.s must claim the exact number of hours spent in the symposium. Accreditation boards for all other professions require that participants attend the day in its entirety to be eligible for continuing education credits.

Cancellation Policy

Cancellations must be received by **Wednesday, October 11**, to be eligible for a refund less a $25 administrative fee. For additional course information, please call Judy Kaufman, P.T., Education Coordinator, Rehabilitation, Baptist Hospital of Miami, at **786-596-3349**.



Twenty-third Annual Brain Injury Symposium

Saturday, October 14, 2017

Victor E. Clarke Education Center at South Miami Hospital
6200 SW 73 Street, South Miami, FL 33143

Registration Form

Registration deadline is Wednesday, October 11.

Registration fees:

❑ $250 One-day course ❑ $150 Baptist Health employees

NOTE: Accreditation boards require that participants attend the entire day to be eligible for continuing education credits. Physical therapists and speech-language pathologists must attend the entire symposium. M.D.s and D.O.s must claim credit equal to the amount of time spent in the symposium.

Name _____

Profession/Specialty _____
License number

Institution/Affiliation _____
Name and address

Home Address _____

City/State/ZIP _____

Day Telephone _____ Evening Telephone _____

Email _____

Method of Payment:

❑ Check enclosed *(payable to Baptist Health South Florida; write Brain Injury Symposium in the memo area)*

❑ American Express ❑ MasterCard ❑ Visa ❑ Discover

Amount Authorized $ _____ Card Number _____

Expiration Date _____ Cardholder Name _____

Authorized Signature _____

Return this completed form to:

Fax: **786-596-2458**

Mail: Judy Kaufman, P.T., Education Coordinator
Baptist Medical Arts Building, Outpatient Orthopedic Physical Therapy
8940 N. Kendall Drive, Suite 102-E, Miami, Florida 33176

For additional hotel or course information, please call Ms. Kaufman at **786-596-3349**.

❑ ♿ In consideration of the Americans with Disabilities Act, please check here if you require special meeting services, and we will contact you to determine your specific requirements. Please submit this form two weeks prior to the conference.

❑ Please notify us two weeks prior to the conference if you require any specific dietary accommodations.

Baptist Hospital Rehabilitation Center
8940 North Kendall Drive, Suite 102-E
Miami, Florida 33176-2197

Twenty-third Annual Brain Injury Symposium

Saturday
October 14, 2017
South Miami Hospital
Victor E. Clarke Education Center

Symposium