



GREAT SEMINARS & BOOKS
Geriatric Rehabilitation Education And Training
Great Courses for Great Outcomes

Exercise Can Change the Parkinson Brain!



2021

Fort Lauderdale, FL
August 14-15

GREENVILLE, SC
September 18-19

ATLANTIC CITY, NJ
December 4-5

Exercise can change the Parkinson brain! For persons living with PD, a disease specific approach to exercise is medically necessary to improve the quality of their life. This course will introduce the latest evidence based etiology, prevalence, anatomy, physiology and medication needs of the person with idiopathic PD as well as the types of evidence based exercise that are known to induce behavioral and brain based anatomical changes. The concept of a Parkinsonism disease process vs the specific degenerative nature and location of damage in idiopathic Parkinson's will be discussed to understand the motor (i.e. bradykinesia, rigidity and tremor), non-motor (i.e. decreased cognition and motivation) and autonomic (sleep, constipation and pain symptoms) symptoms of PD across the disease severity. Clinicians will be able to successfully address the needs of the whole patient to optimize function and improve lives. We know that exercise can improve strength, agility and fitness level, but that is just the beginning! Evidence will be introduced that exercise is medicine for persons with PD when delivered with the appropriate skill and aerobic essentials addressed. Therapists will leave with numerous new exercise and intervention strategies to use in the clinic immediately. It is NEVER too late for persons with Parkinson Disease (PD) to change their function and improve their lives. Please join the revolution to change the Parkinson's brain!

FACULTY

Dr. Valerie Carter PT, DPT, NCS, GCS is an APTA board certified Neurologic and Geriatric Specialist and a Clinical Professor in the Physical Therapy and Athletic Training Department at Northern Arizona University (NAU) in Flagstaff AZ. She graduated from NAU with her Bachelors of Science in Physical Therapy in 1989 and received her Doctorate in Physical Therapy from NAU in 2002. Presently she instructs DPT students in neuroscience, pediatrics, neuro therapeutic techniques, Parkinson's disease and has received several awards for her excellence in clinical teaching through NAU, the City of Flagstaff and the American Physical Therapy Association. Dr. Carter's research interests are clinically based with the application of neuroplasticity techniques for individuals with static and degenerative brain insults and the creation of novel clinical outcome tools to assess falls in the elderly and neurologic patient populations. She has published original research in refereed journals and has instructed nationally and internationally with LSVT Global (LSVT BIG program) and currently is a faculty for Parkinson Wellness Recovery or PWR! She and her husband own and operate Carter Rehabilitation and Wellness Center, an outpatient physical therapy clinic in Flagstaff, AZ which has a Neurological client focus with a particular interest in persons with Parkinson's disease. She has an exceptional passion for teaching exercise to persons with Parkinson's instilled by her Mom who because of hard work and exercise, lived well with Parkinson's for over 30 years. Valerie is a fun and energetic presenter who wants to share how skilled intensive functional exercise can help persons with Parkinson's to thrive and live well with Parkinson!

OBJECTIVES

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

- Discuss anatomy and physiology of Parkinson's Disease across the disease process
- Demonstrate awareness of the latest research insights to the etiology and prevalence of PD
- Discuss the learning and dual task capabilities of persons with PD throughout the disease process
- Describe the various evidence based exercise concepts that are known to improve movement and induce neuroplasticity in persons with PD
- Explain the evidence based principles of the LSVT BIG and LOUD™ protocols
- Demonstrate the evidence based principles of Parkinson's Wellness Recovery PWR! (PWR4Life.ORG)
- Discuss the latest evidence introduced at the World Parkinson's Congress held in Portland, Oregon Fall 2017
- Compare and contrast evidence based outcome tools that can be utilized across the Parkinson's Disease process
- Describe the diverse battery of outcome tools to assess, reassess and follow a person with PD across their disease process
- Explain Parkinson specific battery of outcome tools needed for effective documentation and reimbursement throughout their individual degenerative disease process.
- Demonstrate an understanding of the need for a sustained specific community support and outreach program for the person with PD throughout their life span

PROGRAM OUTLINE

Day 1

- 7:30 AM Registration and Continental Breakfast
- 8:00 AM Introduction: The Anatomy and Physiology of Parkinson's Disease. What do we really need to know to effectively treat persons with Parkinson's Disease? (Does the basal ganglia really do all of this?)
- 10:00 AM Break
- 10:15 AM Plasticity and learning in PD (Introduction to exercise concepts designed to change the Parkinson's brain)
- 12:30 PM Working Lunch (Video Case Study and Discussion)
- 1:30 PM Evidence Based Exercise Concepts in Parkinson's: People with Parkinson's can get better and stay better through exercise.
- Parkinson's Exercise Concepts (LAB)
- (Boxing, bicycle, tango anyone, pole walking, scarves, stretching)
- 3:30 PM Break
- 3:45 PM Amplitude Based Therapies for Parkinson's: Introduction to LSVT BIG & LOUD (LAB)
- 4:45 PM Introduction to Parkinson's Wellness Recovery (PWR!) (LAB)
- 6:00 PM Questions and Answers
- 6:30 PM Adjourn

Day 2

- 7:30 AM Continental Breakfast
- 8:00 AM What People with Parkinson's and People at Risk for Parkinson's Need to Know: Late breaking evidence from the World Parkinson's Congress (WPC)
- 9:00 AM Exercise Prescription in Parkinson's Disease: A disease specific exercise approach for the many issues found in PD; (Freezing and cognition, movement and executive functioning in PD)
- 10:00 AM Break
- 10:15 AM Dual Task Practice in Parkinson's Disease: Yes, persons with PD can get better at doing this as well. (The what, why and "wins" of adding dual task practice to your exercise program)
- 12:30 PM Working Lunch (Practicing Outcome Tools)
- 1:30 PM Late Stage PD Exercise Concepts (Don't hide from stage 4 & 5)
- 3:00 PM Break
- 3:15 PM Documentation/Outcomes: A look at outcome tools for early, mid and late stage PD (One size does not fit all... G-Code and reimbursement tips for PD)
- 5:00 PM Parkinson's Disease Community Program Design Ideas: A bright future for persons with PD (Join the PD exercise revolution)
- 6:00 PM Questions & Answers
- 6:30 PM Adjourn

LOCATIONS

Additional course information will be provided in a confirmation letter that will be emailed to you at least 3 weeks before the start of the course.

Broward Health Medical Center
1600 S. Andrews Avenue
Fort Lauderdale, FL 33316
August 14-15, 2021

Host: Roger C. Peace Rehabilitation Hospital
Location: Greenville Memorial Medical Campus
701 Grove Road, Greenville, SC 29605
September 18-19, 2021

Host: Bacharach Institute for Rehabilitation
Location: Stockton University Atlantic City Academic Center
Fannie Lou Hamer Events Room
3711 Atlantic Avenue, Atlantic City, NJ 08401
December 4-5, 2021

REGISTRATION

AUDIENCE: Primary Audience - Physical Therapists, Physical Therapist Assistants, Occupational Therapists, Occupational Therapist Assistants. Secondary Audience: Other Rehabilitation Professionals.

LEVEL: This course is at an intermediate level.

FEE: The registration fee includes all course sessions, breaks, continental breakfasts, and course handout.

Fort Lauderdale, FL - \$545. If postmarked before 7/28/21

Greenville, SC - \$545. If postmarked before 9/1/21

Atlantic City, NJ - \$545. If postmarked before 11/17/21

LATE REGISTRATION: Postmarked after the above date requires an additional \$25 late fee.

EARLY BIRD: \$495 - If completed registration and payment are **received** by:

Fort Lauderdale, FL - July 14, 2021

Greenville, SC - August 18, 2021

Atlantic City, NJ - November 3, 2021

DISCOUNT PROGRAM: Receive \$25 off your class registration for each **GREAT Seminars & Books, Inc. on-site course** attended from 2000 to the present up to a maximum of \$200. In order to receive a discount, a copy of each course certificate must accompany registration form. **No discounts will be taken once registration is completed. Additional discount codes may not be used with the certificate discount program.**

CONFIRMATION: A confirmation letter will be sent via email at least 3 weeks prior to the course with local hotels and information. If you do not receive confirmation 2 weeks prior to class, please call to verify your registration. Registrations are not guaranteed until confirmed. Space may be limited, so register early.

CANCELLATION/REFUND POLICY: Cancellations must be received in **writing** at least two weeks prior to the seminar date for tuition refund less a \$75 administration fee. **NO** refunds will be made after this date.

COURSE CANCELLATION: GREAT Seminars and Books, Inc. reserves the right to cancel a course up to 2 weeks prior to the seminar date. In the event of cancellation of a course only the tuition fee will be refunded in full. GREAT Seminars and Books, Inc. is not responsible for reimbursement of non-refundable airline tickets, lodging, or other related costs.

EDUCATIONAL CREDIT: A certificate of attendance for 20 contact hours of educational activity (20 CEUs or 2.0 CEUs depending on how your Practice Act determines CEUs in your state) will be awarded to registrants upon completion of the seminar. **Great Seminars and Books is an Approved CE Provider for PTs and PTAs in DC, NY, KY, IL, TX and NC. Approved in IN, CA, AR, NJ, NM, and MD for 20 Clinical Contact Hours. Have applied for approval in OK. This course is approved by the Florida PT Association for 24 continuing education hours. This 20 contact hour course meets the guidelines of the Alabama Board of Physical Therapy for an acceptable continuing education activity. Our courses also meet the guidelines for approval in UT, PA, AL, GA, MI, IN, WY, VA, AZ, DE, NH, OR, RI, WI, WY and MO. Courses are accepted for CEUs in NE, ID, MT, WA, CT, IA, and ND. Colorado PTs/PTAs: This 20 contact hour seminar meets accepted standards for**

Category 1 continuing competence activities as directed in CO section 12-41-114.6, C.R.S. Please make sure that you have completed the required post-course survey tool. Save your certificate of completion for the re-licensing process. GREAT Seminars is an American Occupational Therapy Association (AOTA) Approved Provider of continuing education. Provider #5363. This course is not approved by ASHA or Board of Certification. If you do not see your state listed, please give our office a call. Your tuition is tax deductible. Any reference to or mention of state rules or regulations concerning continuing education requirements are true and accurate to the best of our knowledge at the time of print. If you have questions, please contact your board or regulating body.

LOST CERTIFICATES: Requests for a replacement certificate must be received in writing stating the name and dates of course attended. The cost for a replacement certificate is \$25.

COVID POLICY: We will follow social distancing guidelines and masks will be required as current circumstances dictate. We realize there is a lot of uncertainty around COVID-19 and traveling. If you are concerned about registering, please rest assured that if the event is cancelled or you are unable to attend due to COVID-19, we will promptly refund your registration fees.

5 Easy Ways to Register

WEBSITE Online Registration at:
www.greatseminarsandbooks.com

MAIL your registration form with payment to
GREAT Seminars and Books, Inc.
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FAX your completed registration form
with credit card information to
330-865-6941, 24 hours a day.

EMAIL your registration to greatseminars@aol.com

CALL Monday-Thursday 10-5 EST, Friday 10-1 EST
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AOTA does not endorse specific course content, products, or clinical procedures.
A certificate of attendance for 20 contact hours or 2 CEUs of educational activity (2.0 or 20 CEUs depending on how your Practice Act determines CEUs in your state) will be awarded to registrant upon completion of the seminar.

2.11.21

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2021 Registration - Exercise Can Change the Parkinson Brain!

YES! Please register me for: Fort Lauderdale, FL - August 14-15

Greenville, SC - September 18-19

Atlantic City, NJ - December 4-5

Circle One: PT • PTA • OT • COTA • Other _____

PLEASE PRINT

Name _____ Cell Phone (____) _____

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Registration Fee: \$545.00 Late Fee \$25.00 Amount Due \$ _____

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Exercise Can Change the Parkinson Brain!



Dr. Valerie A. Carter
PT, DPT, NCS, GCS

[\$545 Value]
Early Registration – \$495.00

Register Today

Get 20 Contact Hours in 1 Weekend at a GREAT Price!

Compared to other on-site courses, GREAT Seminars courses are the best value in the business. Most live courses are only 6 hours and cost \$229-\$295 which is \$40-\$50 per credit. A 20-hour course like this would cost \$800-\$1000! Get 20 CEUs for \$545 not \$1000! Plus if you register early, it's just \$495!



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GREAT Courses *for* GREAT Outcomes

"where therapists learn and excel in the care of the older adult population"

Here's what our course attendees say:

"This was a great course. I was able to apply what I learned the next day in the clinic."

"OMG Val is funny! Thanks for a great course."

"I actually enjoyed taking this CEU course!"

"I can't wait to use this stuff! Thank you for your passion and love for helping people with Parkinson's Disease."

"Valerie is a wealth of knowledge and so much fun to listen to."

