Expanding Neurologic Expertise:
Advanced Practice in Vestibular Physical Therapy

Faculty:
Michael Schubert, PT, PhD
Susan Whitney, PT, PhD, DPT, NCS, ATC, FAPTA

September 17-18, 2016
University of Washington
Seattle, WA

*Fees cover continental breakfast and break snacks, as well as a link to course materials for download. Please note the course materials will not be printed for registrants.

Registration Options: Online or by mail only

- Register Online:
  http://www.neuropt.org/go/events-and-courses/neurology-section-developed-courses

- By Mail

Method of Payment  ☐ MasterCard  ☐ Visa  ☐ Amex
Card #: _____________________________
Exp. Date: ___________________________
Signature: ___________________________
Billing Zip Code: _____________________

Or mail this form, with a check made payable to APTA, to:
Sandy Rossi, c/o American Physical Therapy Association
ATTN: Neurologic Practice Essentials - ACDM
1111 North Fairfax Street
Alexandria, VA 22314

Questions? Please contact the Registrar at 800/999-2782 ext. 3155, or by email at componentcourseregistrar@apta.org.
Participants, Location and Housing
September 17-18, 2016. University of Washington, Seattle, WA. For information on lodging, driving directions, and/or parking, please visit http://www.neuropt.org/go/events-and-courses/neurology-section-developed-courses. Course is open to licensed Physical and Occupational Therapists.

Cancellation Policy
Registration is on a space available basis only. Cancellations received on or before 30 days prior to the event will be refunded in full. A 20% handling fee will be charged for cancellations received between 30 and 7 days prior to the course. No refunds will be given for no-shows or cancellations less than 7 days prior to the course. On-site registrations will be accepted on a space available basis ONLY. The University of Washington reserves the right to cancel this course without notice up to two weeks prior to the event. In the event of cancellation by The Neurology Section or host facility due to unforeseen circumstances, participants will be refunded their registration fee. We encourage participants to purchase trip insurance.

Course Objectives
In this course participants will:
1. Perform history taking/interpretation skills in persons with a variety of vestibular disorders.
2. Describe vestibular diagnostic and functional testing
3. Recommend testing when appropriate and utilize information for clinical management.
4. List positive and negative effects of pharmacological interventions and integrate them into evaluation and treatment.
5. Describe accurate differential diagnosis, integrating the use of eye motion analysis, tests of postural control, positional tests, and key aspects of the patient’s history.
6. Utilize tests and measures for managing those with vestibular disorders.
7. Describe available literature to enhance vestibular physical therapy practice.
8. Identify psychogenic factors in the dizzy patient and modify clinical management accordingly.
9. Apply advanced clinical skills and knowledge to more effectively treat migraine related dizziness, anxiety, complex and difficult forms of benign paroxysmal positional vertigo, peripheral and central vestibular disorders, and concussion.
10. Describe new technological advances in vestibular testing and intervention.

We ask that all participants bring their own Maddox Bar, Penlight, and Brock String. Below are suggested retailers:
- Maddox Bar: Bayou Ophthalmic Instruments, Inc.: 504-734-9399

Course Description
Developed by a team of clinicians with expertise in vestibular rehabilitation, this course is designed to expand knowledge of complex vestibular pathologies, improve clinical reasoning in differential diagnosis and present innovative intervention strategies. To facilitate learning, the course uses innovative case-based presentations and video eye movement analyses on complex vestibular diagnoses including migraine, anxiety, atypical BPPV, central vestibular dysfunction, and concussion. Specific attention to recent advances in examination and intervention strategies are presented.

Tentative Course Schedule
Day 1
8:00-8:15 Introduction & Guiding Principles
8:15-9:45 New Advances
9:45-10:15 Eye Movement Analysis
10:15-10:30 Break
10:30-11:30 Vestibular End Organ Dysfunction
11:30-11:45 Questions & Discussion
11:45-12:45 Lunch (on your own)
12:45-3:00 Atypical BPPV (ACPC)
3:00-3:15 Break
3:15-4:30 Atypical BPPV (LC)
4:30-5:15 BPPV Lab
5:15-5:30 Questions & Discussion
5:30 Adjourn

Day 2
8:00-9:45 Anxiety
9:45-10:30 Migraine
10:30-10:45 Break
10:45-11:30 Migraine
11:30-12:30 Gait & Posture
12:30-12:45 Questions & Discussion
12:45-1:15 Lunch (on your own)
1:45-2:45 Central Vestibular Dysfunction
2:45-4:15 Concussion
4:15-5:15 Central Lab
5:15-5:30 Questions & Discussion
5:30 Adjourn

CEUs
1.5 CEUs. A post-course survey will be sent electronically to all registrants within 1 week after the course. The survey will assess course logistics, satisfaction, and knowledge gained relative to the course objectives. A participant must complete the survey to obtain a mailed CEU certificate, which will be sent within 30 days after the survey closes. An additional survey will be sent electronically to all registrants within 6 months of the course assessing application of course material. This information will help the Section meet educational standards and strategic objectives.

The Faculty
Michael Schubert, PT, PhD is an Associate Professor in the Department of Otolaryngology Head and Neck Surgery at Johns Hopkins University. He completed his PhD at the University of Miami. His clinical focus is treating gaze and gait instability in people with loss of vestibular sensation. His current research investigates differences in motor learning in the vestibulo-ocular reflex using different types of error signals.

Susan Whitney, PT, PhD, DPT, NCS, ATC, FAPTA received her PhD in motor development/motor learning from the University of Pittsburgh and her professional physical therapy education from Temple University. She has authored or coauthored over 70 articles on Medline, most of which relate to vestibular rehabilitation and older adults.

Course Developers: Janet Callahan PT, MS, NCS; Reneé D Crumley, PT, DPT, NCS; Cheryl Ford-Smith, PT, DPT, MS, NCS; Michael Furtado, PT, DPT, NCS, CBIS; Colin R Grove, PT, MS, NCS; Janet O Helminski, PT, PhD; Janene M Holmberg, DPT, NCS; Michael C Schubert, PT, PhD; Susan L Whitney, PT, DPT, PhD, NCS, ATC, FAPTA