Course Objectives:

Upon completion of this course you will be able to:

- Understand and explain anatomy and physiology of the vestibular system in lay terms.
- Have a basic understanding of vestibular testing including VNG, VEMP, rotatory chair, and posturography.
- Perform the vital components of a vestibular evaluation.
- Understand the distinguishing features between central and peripheral vestibular dysfunctions.
- Appropriately treat patients with benign paroxysmal positional vertigo.
  - Explain the pathology of benign paroxysmal positional vertigo in lay terms.
  - Correctly perform Dix-Hallpike Maneuver and Roll Test.
  - Determine and correctly perform appropriate maneuver to use to treat BPPV based on findings.
- Know when to use habituation and gaze stabilization exercises including proper modifications and home exercise program prescription.
- Review current literature.
BIOGRAPHIES

Arnaldo Rivera, MD, graduated medical school from the University of Puerto Rico. He completed an internship with the National Naval Medical Center, residency at the National Capital Consortium and a fellowship at Northwestern University. Dr. Rivera served 16 years in the Navy before joining the University of Missouri two and a half years ago. His specialty is ENT and he is certified by the American Board of Otolaryngology and the American Board of Otolaryngology Neurotology. His interests are pathology of the facial nerve, tumors of the skull base, cochlear implants, and complex reconstructions of the ear and skull base. He serves all ages from newborns to the elderly.

Carmen Casanova Abbott, PT, PhD, specializes in neurological and spine rehabilitation. Dr. Abbott has been a physical therapist since graduating from the University of Missouri in 1973. She received her PhD in 2009 in Health Education and Promotion with an emphasis in the areas of anatomy and vestibular physiology. She has completed the APTA Adult and Pediatric Vestibular Rehabilitation Competency-Based courses. Dr. Abbott is a clinical professor at the University of Missouri’s Department of Physical Therapy.

Justin Midyett, PT, LMT, graduated with a B.S. in Health Science – Physical Therapy from the University of Missouri in 1999. Justin has worked in the outpatient clinical setting for the past 18 years treating a variety of neurologic and orthopaedic conditions. Justin received his massage therapy license in 2010 and provides services to the University of Missouri Athletic Department. Justin completed the Competency-Based Vestibular Rehabilitation Course through Emory University in 2016.

Lindsay Holland, MPT, is a licensed physical therapist with ten years of experience treating patients with vestibular and neurologic dysfunction. She spent her first seven and a half years working in inpatient at Rusk Rehabilitation Center on the brain injury team. Currently she is working in outpatient at Mizzou Therapy Services—Business Loop and is part of the interdisciplinary dizzy clinic through the University of Missouri Health Care’s outpatient ENT clinic. She completed the Competency-Based Vestibular Rehabilitation Course through Emory University in 2010.

Jaime Sutton, AuD, obtained her undergraduate degree from the University of Missouri and her audiology doctorate from Missouri State University in Springfield, MO. Jaime currently works at the MU ENT, Hearing and Balance Center. She holds her Certificate of Clinical Competence in Audiology and sees patients of all ages. Her special interest is collaborating with Otolaryngology, Physical Therapy and patients with balance disorders.