

## LEARNING OBJECTIVES:

This course is designed for audiologists, otolaryngologists, neurologists, physician's assistants, technicians, physical therapists and other healthcare professionals who perform and interpret vestibular tests and want to increase their understanding of the vestibular system, the tests used to evaluate it, and interpretation of the quantitative results.

By completing this course the participants will be able to:

- Describe the normal and abnormal function of the peripheral and central vestibular systems.
- Define the processes underlying central vestibular compensation.
- Describe the importance of the structured dizziness case history.
- Demonstrate how "bedside" tests can be used effectively in the clinic to provide estimates of what might be the results obtained from formal quantitative testing.
- Describe how self-report measures of dizziness handicap provide data that cannot be estimated with measures of vestibular system impairment.
- List contemporary techniques for conducting the VNG examination and describe the interpretation of data obtained from that examination.
- List contemporary techniques for conducting rotational testing and describe the interpretation of data obtained from that examination.
- List contemporary techniques for conducting the vestibular evoked myogenic potential examination and describe the interpretation of data obtained from that examination.
- Describe how results from the quantitative vestibular/balance assessments form diagnostic patterns.

## EDUCATIONAL OBJECTIVES:

The purpose of this meeting will be to reinforce concepts learned during formal training. Further, we will introduce concepts not traditionally addressed in audiology training programs that will augment the practitioner's current understanding of assessment and management of the vestibular system and balance disorders.

**Twitter site:** <http://twitter.com/BalanceTesting>

**Facebook:** Interacoustics sponsors:  
Vestibular Assessment Course



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Interacoustics USA  
7625 Golden Triangle Drive  
Eden Prairie  
MN 55344

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## Vestibular Assessment Course

*A Clinician's Approach to Balance Function Testing*



## INSTRUCTORS:

**Gary Jacobson, Ph.D.**  
**Devin McCaslin, Ph.D.**

### **Suggested Readings:**

Jacobson GP, Shepard NT. (2008)  
Balance Function Assessment and  
Management.  
San Diego: Plural Publishers.

**First 15 registrants will receive a  
free copy of the above book**

**Bring your personal  
copy of "Balance Function  
Assessment and Manage-  
ment" for a book signing by  
Dr. Jacobson**



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## COURSE SCHEDULE DAY 1 (MAY 7 AND OCT 14):

- 08:00-08:45am **Normal anatomy and physiology of peripheral and central vestibular system (hVOR, VSR and velocity storage)** – McCaslin
- 08:45-09:30am **Abnormal anatomy and physiology, compensation/decompensation** – Jacobson
- 09:30-10:00am **Dizziness and vertigo - the case history** – Jacobson
- 10:00-10:15am Break**
- 10:15-10:45am **Assessment of dizziness handicap and psychological indices of somatization, anxiety and depression** – Jacobson
- 10:45-11:00am **Questions and answers**
- 11:00-11:45am **Qualitative (bedside) techniques that may be used to assess the VOR, and VSR** – McCaslin
- 11:45-01:00pm Lunch**
- PM** **Technique and Interpretation/Usefulness of ENG/VNG**
- 01:00-01:45pm **Ocular motility testing with demo** – Jacobson
- 01:45-03:00pm **Positional/Positioning testing with demo** – McCaslin
- 03:00-03:15pm **Break**
- 03:15-04:15pm **Caloric testing with demo** – Jacobson
- 04:15-05:00pm **Pitfalls and artifacts of ENG/VNG recordings** – McCaslin

## INSTRUCTORS:



**Gary Jacobson, Ph.D.**  
*Professor,  
Dept. Hearing and  
Speech Sciences,  
Vanderbilt  
University Medical  
Center*



**Devin McCaslin, Ph.D.**  
*Assistant Professor,  
Dept. Hearing and  
Speech Sciences,  
Vanderbilt  
University Medical  
Center*

## COURSE SCHEDULE DAY 2 (MAY 8 & OCT 15):

- 08:00-09:30am **Vestibular Evoked Myogenic Potentials** – Jacobson  
Technique of VEMP  
Interpretation of VEMP
- 09:30-10:15am **Rotational Testing** – McCaslin
- 10:15-10:30am Break**
- 10:30-11:15am **Putting it all together** – Jacobson
- 11:15-11:45am **Questions and answers**
- 11:45-01:00pm Lunch**
- 01:00-05:00pm **Practicum**  
*Ocular motility practicum*  
*Positional/Positioning practicum*  
*Caloric practicum*  
*Vestibular ABR practicum*

**This continuing education activity represents 1.3 Tier 1 continuing education hours toward the American Board of Audiology™ recertification requirements.**

## VENUE & DATES:

### MAY 7-8, 2010

#### Hilton Orlando

6001 Destination Parkway, Orlando, Florida, United States 32819,  
Tel: 1-407-313-4300,  
Fax: 1-407-313-4301  
[http://www1.hilton.com/en\\_US/hi/hotel/ORLOCHH-Hilton-Orlando-Florida/index.do](http://www1.hilton.com/en_US/hi/hotel/ORLOCHH-Hilton-Orlando-Florida/index.do)

Please contact the hotel directly - special rate of \$139 per night. Available until April 12

### OCTOBER 14-15, 2010

#### The Palmer House Hilton

17 East Monroe Street, Chicago, Illinois, United States 60603,  
Tel: 1-312-726-7500,  
Fax: 1-312-917-1707  
[http://www1.hilton.com/en\\_US/hi/hotel/CHIPHHH-The-Palmer-House-Hilton-Illinois/index.do?ctyhocn=CHIPHHH](http://www1.hilton.com/en_US/hi/hotel/CHIPHHH-The-Palmer-House-Hilton-Illinois/index.do?ctyhocn=CHIPHHH)

Please contact the hotel directly for booking - rate \$249 per night Available until September 24

## REGISTRATION FORM:

Please sign up with Tierney Doherty via email: [ted@interacoustics-us.com](mailto:ted@interacoustics-us.com), phone: 952-278-4412 or send this form by fax to 1-952-903-4200 or post it to: Interacoustics, 7625 Golden Triangle Drive, Eden Prairie, MN 55344

Or sign up via online secure registration at: <http://events.constantcontact.com/register/event?oeidk=a07e2vzx1duf29cedf6>

**Fee\*:** \$750 - Includes two day seminar, CEU credits, breaks and lunch

All bookings are made on a first come, first serve basis

**Registration and payment must take place before April 30 (Orlando) and September 30 (Chicago)!**

(Note: Room rates are only available until April 12 and September 30, respectively)

**Date / location:**  Orlando  Chicago  
May 7-8, 2010 October 14-15, 2010

**Name:**

**Title:**

**Phone:**

**Email:**

**Hospital / company:**

**Address:**

**Method of payment:**  Visa  Mastercard

cc no.:

3 digit security code:

Exp.date:

Check mailed to:  
Interacoustics, Attn: Marketing,  
7625 Golden Triangle Drive, Eden Prairie,  
MN 55344

\* Full refund available 30 days prior course start date. Then course fees are non refundable.

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