

Registration Form

Van Riper Lectures
October 15 and 16, 2009

Registration must be received by **Oct. 1, 2009**. Please **print** and **mail** this form. To receive ASHA Continuing Education Units, add \$5 to your registration fee and be sure you have paid your annual ASHA continuing education fee to ASHA. Application for Michigan State Board CEU credit is pending.

Name _____
(to appear on name tag)

Workplace _____
(to appear on name tag)

Address _____

City State/Province Zip/Postal Code

Phone # _____

E-Mail Address _____

Check appropriate fee categories and enclose total with your registration.

_____ \$150: by October 1st

_____ \$175: after October 1st

_____ \$125: per registrant, for groups of 5 or more
from the same organization

_____ \$25: all currently enrolled students, faculty, and
clinical supervisors from WMU

_____ \$10: Michigan SB-CEU credit desired

_____ \$5: ASHA CEU credit desired

\$ _____ Total enclosed with form
Please make checks payable to WMU

Mail to: Speech Pathology and Audiology
Western Michigan University
1903 West Michigan Avenue
Kalamazoo, MI 49008-5355

I require the services of an interpreter: ___ oral ___ manual

I require other special services. Please explain:

Registration and course materials are available in
alternative formats upon request.

Speakers

Helga Toriello, Ph.D. is Director of Clinical Genetics at Spectrum Health Hospitals in Grand Rapids, MI. She is a professor in the department of Pediatrics/Human Development at Michigan State University. She received her Ph.D. in genetics from Michigan State University. Prior to that she received a B.S. degree in biology from Cornell University and an M.S. degree in genetic counseling from Rutgers University. Dr. Toriello has published over 80 articles on genetics and dysmorphology, as well as contributed chapters to several books and served as co-author of "*Hereditary Hearing Loss and its Syndromes*" published by Oxford University Press. She serves on the editorial boards of three journals and several committees of the American College of Medical Genetics.

Lawrence Shriberg, Ph.D. is Principal Investigator on the Phonology Project and Co-Director of the Phonology Clinic, Waisman Center, University of Wisconsin - Madison. Dr. Shriberg's principal research interests focus on genetic and other origins of pediatric speech sound disorders, including studies to identify diagnostic markers for clinical subtypes and studies to develop sub-type-specific treatment. A major focus of this research is on the genetic origins and lifespan description of childhood apraxia of speech in neurological, neurodevelopmental, and idiopathic contexts. Visit <http://www.waisman.wisc.edu/phonology/index.htm>.

J. Bruce Tomblin, Ph.D. is the D.C. Spiertersbach Professor in the Department of Communication Sciences and Disorders at the University of Iowa. He has conducted several federally funded research projects concerned with the causes, course, and long-term academic and social outcomes of children with developmental language disorders and hearing loss, and children with cochlear implants. His research on causes of language disorders has focused on understanding the genetic bases of language impairment and the cognitive mechanisms serving language development. Molecular genetics is currently at the forefront of Dr. Tomblin's research. His research is funded by the National Institute on Deafness and Other Communication Disorders (NIDCD), the Center for Inherited Disease Research (CIDR), and the Roy J. Carver Charitable Trust.

Nancy Cox, Ph.D. is Professor and Section Chief, Genetic Medicine, The University of Chicago, Chicago, IL. Dr. Cox is a quantitative human geneticist with an interest in developing methods to identify and characterize the genetic risk factors for complex human communication disorders. Although she engages in funded research to develop methods and identify genetic risk factors for such complex phenotypes as type 1 and type 2 diabetes, diabetic complications, asthma, Tourette Syndrome, autism, mesothelioma, breast cancer and pharmacogenetics, she has been looking for genes for stuttering for more than 30 years. In addition to her own research program, Dr. Cox leads the University of Chicago Dept of Medicine efforts in large-scale genetic and genomics studies, and in developing programs for translation of genetics/genomics discoveries into clinical practice.

General Information

Pre-Registration: Please return the attached form by October 1, 2009 with your check or money order payable to Western Michigan University. You will be considered registered unless you hear otherwise. If notification of cancellation is received by October 2, 2009, refunds (less a \$10 handling charge) will be given.

Continuing Education Units: Western Michigan University is approved by the Continuing Education Board of the American Speech-Language Hearing Association (ASHA) to offer continuing education activities in speech-language pathology and audiology.

This program is offered for up to .7 CEUs (Intermediate Level: Professional Area). ASHA approval of continuing education sponsorship does not imply endorsement of course content, specific products, or clinical procedures. Application is pending for Michigan State Board of Education CEUs.

Location: The lectures will be held at the Fetzer Center on the main campus of Western Michigan University. A map and directions are available online at www.wmich.edu/fetzer/location/location.html.

Further Information: Find registration forms and other information, including options for accommodations, at

www.wmich.edu/hhs/sppa/vanriper_lecture.htm.
For additional information, please contact Paula Armstrong, Office Assistant, Department of Speech Pathology & Audiology.

E-mail: paula.armstrong@wmich.edu

Phone: (269) 387-8045

Fax: (269) 387-8044

Nondiscrimination: Western Michigan University is committed to a policy of nondiscrimination and affirmative action; the university complies with applicable state and federal laws and regulations.



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Learning Objectives

After attending this lecture series, participants will be able to:

- ◆ Discuss the application of genetics to clinical practice in audiology and speech-language pathology
- ◆ Describe the role of genetic assessment in a variety of clinical populations including those with hearing loss, developmental speech and language disorders, and stuttering
- ◆ Understand the relationship between clinical phenotype and genotype
- ◆ Understand, at a fundamental level, how genetic markers are identified at the population, family, and individual levels
- ◆ Understand how genetic research can aid in identifying biological pathways in communication disorders
- ◆ Know when and how to refer for genetic assessment.

Agenda

Thursday, October 15, 2009

A.M.

- 8:30-9:00 Registration and refreshments
9:00-9:10 Dean's Welcome and Introductions
9:15-10:15 Toriello: An Introduction to Genetics and Dysmorphology
10:30-10:45 BREAK with refreshments
10:45-11:45 Toriello: Clinical Genetic Assessment and Genetic Testing Techniques

P.M.

- 12:00-1:30 Lunch (on your own)
1:30-2:30 Shriberg: Genetics and Speech Sound Disorders: An Etiology-Based Approach
2:45-3:00 BREAK with coffee
3:00-4:00 Tomblin: Genetics and Specific Language Impairment: A Population-Based Approach
4:00-4:30 Toriello, Tomblin, Shriberg: Questions and Answers

Friday, October 16, 2009

A.M.

- 8:30 Welcome and housekeeping
8:30-9:30 Toriello: Genetics, Heredity, and Hearing Loss
9:30-9:45 BREAK with refreshments/coffee
9:45-11:00 Cox: Genetics as a Research Tool In Understanding Complex Traits
11:00-11:15 BREAK with coffee
11:15-12:30 Shriberg, Toriello, Tomblin, and Cox: Final Thoughts: Where do we go from here?
12:30 P.M. Adjourn

Genetics and Communication Disorders

27th Annual
Van Riper Lectures
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and Audiology**
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Van Riper Lecture Series

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