

## About the Workshop

Dr. Martha Herbert, M.D., Ph.D., a Pediatric Neurologist at Massachusetts General Hospital in Boston will be talking about what we should be looking for and doing if we take seriously, the increase in Autism Spectrum Disorders (ASD) rates from 3 in 10,000, to 1 in 166 in a decade and a half, and then to 1 in 100 in only a few years. At least some of this increase must be real. Dr. Martha Herbert will explore some possible environmental reasons behind the increases, including toxins, infections, radiation, diet, lifestyle, or a combination of these factors. In addition, she will discuss why some individuals may be more vulnerable to environmental insults than others. Dr. Herbert will also identify ways in which the brains and bodies of children and adults with ASD are affected, and what we can do to build resiliency and restore health in these individuals. She will discuss whether there are other health problems on the rise that may be related —Is autism just the “tip of the iceberg” or “the canary in the coal mine” . Next she will talk about what we can do to prevent harm right away, even before we are totally sure what exactly is going on . How can we change the way we live so that it is safe and healthy for everyone?

### ***At the conclusion of this workshop, participants will be able to:***

1. To describe the nature of the increases in autism and the arguments about how much of these increases are real.
2. To be able to list the types of environmental factors that may be contributing to autism increases.
3. To describe how environment can impact brain and body through very similar pathways.
4. To be able to name at least three ways that understanding environmental impacts on brain and body can help in identifying practical ways to help people with autism function better.

Autism Society Western New York Chapter

(ASWNY)

19 Limestone Dr., Suite 1

Williamsville, NY 14221

The Autism Society WNY Chapter  
and Autistic Services, Inc.  
Invite You to Attend:



## **Autism & Environmental Vulnerability: Whole Body, Whole Planet**

**Dr. Martha Herbert, M.D., Ph.D.**



Autism Society  
WNY Chapter



Autistic  
Services Inc.

Co-Sponsored By



**Classics V  
Conference &  
Banquet Center  
Amherst. NY**

**Saturday,  
April 17, 2010  
8:45 am– 12:45 pm**

**\$10 Parents & Individual with ASD  
\$20 Professionals**

## About the Speaker

Martha Herbert, M.D., Ph.D.



Dr. Martha Herbert is an Assistant Professor of Neurology at Harvard Medical School, a Pediatric Neurologist at the Massachusetts General Hospital in Boston, and an affiliate of the Harvard-MIT-MGH Martinos Center for Biomedical Imaging.

She is director of the TRANSCEND Research Program (Treatment Research and Neuroscience Evaluation of Neurodevelopmental Disorders), a collaborative program utilizing brain imaging techniques that look at how the brain is structured and how it processes information alongside of neuropsychological testing and laboratory measures of body function. TRANSCEND is a research platform for interrelating the brain, whole-body, whole-system physiological level of changes in autism and other neurodevelopmental disorders, and on potential for improvement and targets for intervention.

Dr. Herbert also directs the Treatment Guided Research Initiative of the National Autism Society which is developing infrastructure for community-wide data collection and information dissemination about behavioral, educational and medical ongoing experiences in autism.

**Who Should Attend?** Parents, family members, individuals with ASD, speech language pathologists, occupational therapists, teachers and other professionals interested in understanding how environmental factors can impact both brain and body; and that understanding these environmental impacts can help in identifying practical ways to help people with autism function better.

## WORKSHOP SCHEDULE

**8:00-8:45:** Registration, Continental Breakfast

**8:45-9:00:** Introduction

**9:00– 10:30: Increase in the prevalence of autism; Contributing environmental factors.**

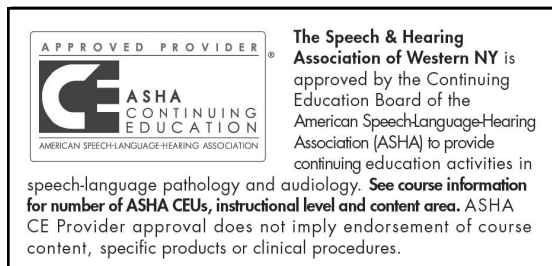
**10:30-10:45:** Morning Break

**10:45-12:30: Environmental impact on the brain/body; Ways to improve functioning in individuals with ASD.**

**12:30-12:45:** Q and A

**Location:** Classics V Conference Center is located at 2425 Niagara Falls Blvd. — One mile north of the Niagara Falls Blvd. Exit on the I-290 or Youngmann Hwy. On-site parking available. *Due to overwhelming response to previous workshops, carpooling is encouraged.*

**Additional brochures are available online at [www.autismwny.org](http://www.autismwny.org), [www.shawny.com](http://www.shawny.com), and [www.autisticservices.org](http://www.autisticservices.org) or call (716) 633-2275.**



This course is offered for .3 ASHA CEUs (Intermediate level; Related area).

## WORKSHOP REGISTRATION

Name : \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: (\_\_\_\_\_) \_\_\_\_\_

E-mail: \_\_\_\_\_

**Check for Certificate of attendance \_\_\_\_\_  
Available day of conference ONLY**

**ASHA CEU Credit (for Speech-Language Pathologists): \_\_\_\_\_**

**Professionals: \$20**

**Parents/ Individuals w/ASD: \$10**

**Scholarships Available for Parents or Individuals with ASD based on financial need.  
Call (716) 633-2275.**

**Late and Walk in registration IF available: \$30  
After April 12th, [www.autismwny.org](http://www.autismwny.org) will contain updated information on registration availability under the EVENTS link or you may call (716) 633-2275.**

**Registration Deadline: April 12, 2010  
Please note that there will be no refunds after this date.  
Please note that you *must be PRE-REGISTERED* to be guaranteed a conference packet with handouts.**

Checks payable to : **ASWNY Chapter**  
Mail to: **Autism Society of WNY  
19 Limestone Drive, Suite 1  
Williamsville, NY 14221**