

**HOW THE BRAIN IN AUTISM
DEFINES PERCEPTION,
THINKING & THEIR WORLD: A
DIFFERENT SENSE OF REALITY**

Dr. Minshew is a Professor of Psychiatry and Neurology at the University of Pittsburgh School of Medicine. She is Director of one of NICHD's Autism Centers of Excellence, investigating the neurobiologic and genetic basis of autism. She has focused on increasing the understanding of the cognitive and brain basis of autism for over 20 years. This work has led to the conceptualization of autism as a disorder of information processing and brain connectivity that disproportionately impacts higher order abilities and circuitry.



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By:

Dr. Nancy Minshew

Date:

June 12, 2008

Time:

3:00 pm - 5:00 pm
(Central time)



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By: Dr. Nancy Minshew

Date: June 12, 2008

Time: 3:00 - 5:00 PM Central Time

Fee: \$30 per site

Abstract: This session is designed for parents and professionals who want to learn more about brain development in individuals with Autism.

How the brain in autism defines perception, thinking, and their world: a different sense of reality? In this talk, Dr. Minshew will present research evidence of alterations in information processing at the cognitive and brain levels that underlie the behavioral syndrome of autism. In addition, she will present studies showing that autism more broadly affects brain function, accounting for the common co-occurrence of sensory, motor and learning problems. Prototype formation is a natural inborn ability based on "pre-fab" circuitry that is present in infants; it organizes information along conceptual lines and enables face recognition, emotion recognition, theme identification, and concept formation across domains. These abilities are automatic and rapid but are deficient in individuals with autism.

Who Should Attend? This session is appropriate for parents, childcare professionals, Head Start teachers, early childhood teachers, early interventionists, Right Track personnel, nurses, physicians, early childhood special educators and other medical personnel.



CEUs: .2 CEUs are available through Minot State University. The recording fee for MSU CEUs is \$20.00. Two contact hours for ND social workers and nurses are also available.

Phone Conference & PPT/Webinar: After registering, each site will be emailed the handouts for the meeting including the PowerPoint presentation and the toll-free telephone number to call into for the event. Participants will be able to hear the presentation during the conference call while they view the presenters' PowerPoint slides through a local slide show. The presenter has allowed time for questions during the presentation.

Technical Requirements: Participating sites need a computer with Windows 98 (or better) or Mac platform or CD-ROM drive, and PowerPoint software and an LCD projector if the number of participants warrants it.

The call in number is toll free. There will be no long distance charges for sites.

Registration

The registration fee is **\$30 per site**
Registration deadline is **June 5, 2008**
Space is limited.

Agency or School _____

Contact Name _____

Address _____

Telephone _____

Email _____

Include registration form and make checks payable to Minot State University and send to the attention of:

Vickie Brabandt
Minot State University/NDCPD
500 University Avenue West
Minot, ND 58707

To pay by credit card contact Vickie at
1.800.233.1737 or
vickie.brabandt@minotstateu.edu

This brochure is available in alternate formats by contacting
teri.aufforth@minotstateu.edu

How The Brain in Autism Defines Perception, Thinking & Their World: A Different Sense of Reality.

FOR MORE INFORMATION

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