



# Robots and Research: Using the Latest Technology in Autism Treatment

**Presented by: Dr. Joshua Diehl**

**Assistant Professor of Psychology, University of Notre Dame**

**6:00 p.m. Tuesday, March 29, 2011**

**Barber National Institute Forum**

Dr. Joshua Diehl will present information from his behavior-based research projects and therapies, including communication barriers, effective treatment options, and the importance of continued treatment through adolescence.

The focal point of Dr. Diehl's current research involves a state-of-the-art robot named "Nao," which is specially programmed to help break down communication barriers for children with autism. By incorporating technology, which is especially appealing to most children with autism, gestures and tone of voice are simplified, potentially making therapy sessions less threatening and more productive.

Dr. Diehl and his team at the University of Notre Dame are among the first in the nation to conduct research to determine if robot technology can improve human interaction in children with Autism Spectrum Disorders.



This presentation is designed for parents and family members, as well as educators, speech and language therapists, and other professionals.

Act 48 credit available

Continuing education credits are pending from:

American Psychological Association

American Speech and Hearing Association

**The program will be presented free of charge; advance reservations are requested. Contact the Barber National Institute at 878-6831 or register online at [BarberInstitute.org](http://BarberInstitute.org)**



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