

Curriculum Vitae

JOSHUA JOHN DIEHL, PH.D.

CONTACT INFORMATION

Department of Psychology, College of Arts and Letters
University of Notre Dame
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EDUCATION

- 2007-2009 **Postdoctoral Research Associate**
Yale University Child Study Center and Haskins Laboratories, New Haven CT
- 2007 **Doctoral Degree in Clinical Psychology**
University of Rochester, Rochester NY
- 2004 **Master of Arts in Psychology**
University of Rochester, Rochester NY
- 2000 **A.B., *Cum Laude* in Psychology with a Certificate in Linguistics**
Princeton University, Princeton NJ

PROFESSIONAL POSITIONS

- 2023- **University of Notre Dame**, Notre Dame, IN
Position: Associate Teaching Professor (2023-Present)
- 2015- **Saint Mary's College**, Notre Dame IN
Position: Faculty Fellow, Master of Autism Studies Program (2015-Present)
- 2015-2023 **LOGAN Community Resources, Inc.**, South Bend IN
Positions: Chief Program Officer for Child and Adolescent Services (2018-2023), Corporate Compliance Officer (2017-2023), Chair – Dan Ryan Scholarship Fund Committee (2017-2023), Chief Strategy Officer for Autism Services (2015-2018)
- 2009-2017 **University of Notre Dame**, Notre Dame IN
Positions: Senior Research Associate (2016-2017), Adjunct Associate Professor (2015-2016), William J. Shaw Assistant Professor of Psychology (2012-2014), Assistant Professor of Psychology (2009-2012),
- 2007-2014 **Haskins Laboratories**, New Haven, CT
Positions: Research Associate (2009-2014), Postdoctoral Research Associate (2007-2009)
- 2007-2009 **Yale University**, Child Study Center, New Haven, CT
Position: Postdoctoral Research Associate
- 2006-2007 **University of Rochester Medical School**, Rochester NY
Position: Clinical Psychology Intern – Child Track, Department of Psychiatry
- 2000-2006 **University of Rochester**, Rochester, NY

Position: Graduate Research and Teaching Assistant, Developmental Neuropsychology Lab, Department of Clinical & Social Sciences in Psychology

AWARDS/HONORS/RECOGNITION

- 2013 **International Meeting For Autism Research (IMFAR), Press Conference Selection**, San Sebastián, Spain. One of six presentations (out of over 1000) to be highlighted in conference press releases. Submission: *The Use of Humanoid Robots as Co-therapists in ABA Therapy for Children with Autism Spectrum Disorders*
- 2012-2014 **William J. Shaw Center for Children and Families Collegiate Chair**, University of Notre Dame
- 2007 **Doctoral Internship Award for Excellence in the Clinical Psychology Program**, Department of Psychiatry, University of Rochester School of Medicine and Dentistry
- 2006 **Alfred Baldwin Award for Excellence in Research**, Department of Clinical and Social Sciences in Psychology, University of Rochester
- 2005 **Helen & Vincent Nowlis Award for Excellence in Teaching**, Department of Clinical and Social Sciences in Psychology, University of Rochester
- 2005 **Student Travel Award**, International Meeting For Autism Research (IMFAR), Boston, MA
- 2004 **Student Travel Award**, International Meeting For Autism Research (IMFAR), Sacramento, CA
- 2002-2003 **Leadership Education in Neurodevelopmental Disabilities (LEND) Traineeship**, Strong Memorial Hospital, University of Rochester School of Medicine and Dentistry, funded by the Maternal and Child Health Bureau

GRANTS AND FELLOWSHIPS

- 2017-2022 **National Institutes of Health, Eunice Kennedy Shriver National Institute of Child Health and Human Development (5R01HD088482-02)**, “Families of Youth with Developmental Disabilities: A Theory-Based Intervention” (PIs Cummings, Diehl). Role: PI.
- 2016-2021 **National Institutes of Health, National Institute on Deafness and Other Communication Disorders (2R01DC010191-07A1)**. “A Family-Genetic Study of Language in Autism (PI: Losh). Role: Consultant.
- 2014-2015 **Large Social Sciences Research Grant (\$15,000)**, “*An Evidenced-Based Family-Oriented Intervention for Families of Children with Developmental Disabilities.*” Institute for Scholarship in the Liberal Arts, University of Notre Dame (PIs: J. Diehl, E. Cummings).
- 2014 **Florence V. Carroll Charitable Trust Foundation Grant (\$5,000)**, “*Summer Robotics Camp to Improve Social/Vocational Skills in Adolescents with Autism Spectrum Disorder (ASD) and their Peers.*” Wells Fargo Foundation (PIs: J.Diehl, J. Kaboski).
- 2013 **International Conference Travel Award (\$1,960)**. International Meeting for Autism Research, San Sebastián, Spain. “*The Use of Humanoid Robots As Co-*

- Therapists in ABA Therapy for Children with Autism Spectrum Disorder.*”
Institute for Scholarship in the Liberal Arts, University of Notre Dame (PI: Diehl).
- 2012-2013 **Small Research and Creative Work Grant (\$320.00)**, “*Notre Dame Summer Robotics Camp: A Controlled Experiment to Increase Social Engagement Between Adolescents with ASD and their peers.*” Institute for Scholarship in the Liberal Arts, University of Notre Dame (PI: J. Diehl).
- 2011-2013 **Arby’s Foundation (\$23,500)**. “*Collaborative project on ecological validity of co-robot therapy.*” (PIs – J. Diehl and J. Dunlap – The Madonna School)
- 2011 **International Conference Travel Award (\$1,960)**. “*Cognitive and developmental factors in prosody comprehension in children with autism spectrum disorders.*” Institute for Scholarship in the Liberal Arts, University of Notre Dame (PI: Diehl).
- 2010-2011 **Boler Family Foundation Grant (\$25,000)**. “*Social Robot Therapy for Autism.*” (PI: J.Diehl).
- 2010-2011 **NIH Indiana Clinical Translational Sciences Institutes (NIH RR025761) – Project Development Team Grant (\$19,984)**, “*Enhancing Social Skills Interventions for Children with Autism through Interactive Robots.*” (PI: J.Diehl).
- 2010-2011 **Rodney F. Ganey, Ph.D. Collaborative Community-Based Research Grant (\$7,000)**, “*Using Interactive Robots to Scaffold Social Skills for Children with Autism*” (PIs: J. Diehl, C. Crowell, M. Villano, K. Wier).
- 2010-2011 **Small Research and Creative Work Grant (\$917)**, Institute for Scholarship in the Liberal Arts, University of Notre Dame (PI: J. Diehl).
- 2008-2009 **James Hudson Brown – Alexander Brown Coxe Postdoctoral Fellowship in the Medical Sciences (\$36,799)**, “*The Neurobiology of Prosody Processing in Autism Spectrum Disorders,*” Yale University School of Medicine, Child Study Center and Haskins Laboratories (Fellow: J. Diehl; Mentor: Ken Pugh, Ph.D.).
- 2007-2008 **Postdoctoral Fellowship, NIMH Research Training Program in Childhood Neuropsychiatric Disorders (\$36,799)**, Yale University Child Study Center and Haskins Laboratories (Fellow: J.Diehl; Mentors: Robert Schultz, Ph.D, Ken Pugh, Ph.D.).

Mentored Student Grants, Fellowships, and Awards

- 2014 **Autism Science Foundation Undergraduate Summer Research Grant (\$3000)**, Faculty Mentor, Autism Science Foundation, “*An Evidenced-Based Family-Oriented Intervention for Families of Children with Autism Spectrum Disorder.*” (Student – Michelle Won).
- 2014 **Da Vinci Grant (\$4500)**, Faculty Mentor, Institute for Scholarship in the Liberal Arts, “*Robotics camps for adolescents with autism.*” (Student – Michael Prough).
- 2014 **Glynn Family Honors Program Undergraduate Research Grant (\$3,000)**, Faculty Mentor, “*Summer Science Program (FUN Lab).*” (Student – Haley Van Steenwyk).
- 2014 **Glynn Family Honors Program Undergraduate Research Grant (\$3,000)**, Faculty Mentor, “*FUN Lab Summer Science Program.*” (Student – Kailey Kawalec).
- 2014 **Summer Indiana Internship Grant (\$3000)**, Faculty Mentor, St. Mary’s College Career Crossings (Student – Laura Simon).

- 2014 **Summer Indiana Internship Grant (\$2300)**, Faculty Mentor, St. Mary's College Career Crossings (Student – Natalie Hartman).
- 2012 **Student Internship Grant (\$1000)**, Faculty Mentor, University of Notre Dame Career Center (Student – Andrew Flatley).
- 2013 **Glynn Family Honors Program Undergraduate Research Grant (\$3,000)**, Faculty Mentor, “*Summer internship in the Laboratory For Understanding Neurodevelopment.*” (Student – Teresa Gorman).
- 2013 **Glynn Family Honors Program Undergraduate Research Grant (\$3,000)**, Faculty Mentor, “*Mouse Models for Autism Spectrum Disorder.*” (Student – Tara Crown).
- 2013 **Glynn Family Honors Program Undergraduate Research Grant (\$3,000)**, Faculty Mentor, “*The effect of a peer-mediated social skills intervention on anxiety reduction in Autism Spectrum Disorder.*” (Student – Jane Beriont).
- 2013 **Undergraduate Research Opportunity Program Conference Presentation Grant (\$1500)**, Faculty Mentor, *International Meeting For Autism Research*, “*The Effect of Parent Expectations of Child Therapy Outcomes in Children with Autism.*” Institute for Scholarship in the Liberal Arts, University of Notre Dame (Student – Alyssa Dammann).
- 2013 **Undergraduate Research Opportunity Program Conference Presentation Grant (\$1500)**, Faculty Mentor, *International Meeting For Autism Research*, “*The Effect of Parent Expectations of Child Therapy Outcomes in Children with Autism.*” Institute for Scholarship in the Liberal Arts, University of Notre Dame (Student – John Vernon).
- 2013 **Graduate Student Professional Development Award (\$800)**, Faculty Mentor, Institute for Scholarship in the Liberal Arts, University of Notre Dame (Student - Karen Tang).
- 2013 **Undergraduate Research Opportunity Program, Senior Thesis Grant (\$2250)**, Faculty Mentor, “*Perceived Teacher Autonomy Support, Academic Self-Determination, and Postsecondary Education Expectancies in Transition-Age Students with Intellectual Disability and Autism Spectrum Disorder.*” Institute for Scholarship in the Liberal Arts, University of Notre Dame (Student – Elizabeth Klinepeter).
- 2012-2013 **Indiana Clinical-Translational Sciences Institute TL1 Program Predoctoral Fellowship, (NIH TL1 TR000162, A. Shekhar, PI; \$24,500)**, Faculty Mentor, “Developing and Validating a Noncontact Method for Detecting Real-Time Cardiac Pulse Rate in Individuals with ASD in Clinical Settings.” (Student – Matthew Pruitt).
- 2012 **John F. Santos Award for Distinctive Achievement in Psychology, (\$250)**, Faculty Mentor (Student – Nicole Shea).
- 2012 **Undergraduate Research Opportunity Program Summer Award (\$3,000)**, Faculty Mentor, “*Effect of parent expectations on parent participation in child therapy.*” Institute for Scholarship in the Liberal Arts, University of Notre Dame (Student – Alyssa Dammann).
- 2012 **Undergraduate Research Opportunity Program Summer Award (\$2,800)**, Faculty Mentor, “*The development of robotic movements in therapy for children with autism.*” Institute for Scholarship in the Liberal Arts, University of Notre Dame (Student – John Vernon).

- 2012 **Undergraduate Research Opportunity Program Conference Presentation Grant**, Faculty Mentor, *International Meeting For Autism Research*, “*The effect of a co-robot therapist on repetitive behaviors during applied behavior analysis in individuals with autism spectrum disorders.*” Institute for Scholarship in the Liberal Arts, University of Notre Dame (Student – Elizabeth Klinepeter).
- 2012 **Undergraduate Research Opportunity Program Conference Presentation Grant**, Faculty Mentor, *International Meeting For Autism Research*, “*The use of prosodic and syntactic cues to understand intent in discourse by children with autism spectrum disorders.*” Institute for Scholarship in the Liberal Arts, University of Notre Dame (Student – Stephany Mazur).
- 2012 **Undergraduate Research Opportunity Program, Senior Thesis Grant (\$720)**, Faculty Mentor, “*An interactive robot as an object of joint attention for children with ASD.*” Institute for Scholarship in the Liberal Arts, University of Notre Dame (Student – Megan Van Ness).
- 2012 **Undergraduate Research Opportunity Program, Senior Thesis Grant (\$2,065)**, Faculty Mentor, “*Perceived autonomy support in children with autism spectrum disorders.*” Institute for Scholarship in the Liberal Arts, University of Notre Dame (Student – Nicole Shea).
- 2012 **Summer Indiana Internship Grant (\$3000)**, Faculty Mentor, St. Mary’s College Career Crossings (Student – Cecilia Gatto).
- 2012 **Student Internship Grant (\$3000)**, Faculty Mentor, University of Notre Dame Career Center (Student – Sarah Hale).
- 2012 **Student Internship Grant (\$2829.09)**, Faculty Mentor, University of Notre Dame Career Center (Student – Emily Nash).
- 2011-2012 **Undergraduate Research Opportunity Program, Senior Thesis Grant (\$2,096)**, Faculty Mentor, “*Temperament and Pragmatic Ability in the Development of Social Anxiety in ASD.*” Institute for Scholarship in the Liberal Arts, University of Notre Dame (Student – Margaret Millea).
- 2011 **Learning Beyond the Classroom (\$1,500)**, Faculty Mentor, “*Peer-mediated interventions for children with autism.*” Institute for Scholarship in the Liberal Arts, University of Notre Dame (Student – Nicole Shea).
- 2011 **Joseph F. Downs Memorial Fund Professional Development Award (\$750)**, Faculty Mentor, University of Notre Dame Graduate Studies Program, (Student – Karen Tang).
- 2011 **Graduate Student Professional Development Award (\$600)**, Faculty Mentor, Institute for Scholarship in the Liberal Arts, University of Notre Dame (Student - Karen Tang).
- 2011 **Undergraduate Library Research Award (\$500)**, Honorable Mention, Faculty Mentor. “*Review of Endpoints and Measurement Tools for Improvement in Autism Behavior.*” (Student – Erin Bolte).
- 2011 **Student Internship Grant (\$2410)**, Faculty Mentor, University of Notre Dame Career Center (Student - Stephany Mazur).
- 2011 **Summer Internship Grant (\$500)**, Faculty Mentor, Columbus Alumnae Club for St. Mary’s College. (Student – Katherine DiPiero).

RESEARCH INTERESTS

My research focuses on neurodevelopmental disorders, with an emphasis on individuals with autism spectrum disorder (ASD) and their families. I am interested in understanding language and communication in ASD and developing interventions that target these skills. My work adapts psycholinguistic and neurocognitive paradigms to measure ability and disability. My intervention research integrates technology, such as robots and computers, into the treatment programs. Moreover, we are in the process of developing interventions to support families of individuals with developmental disabilities.

MAJOR LOGAN ACCOMPLISHMENTS

- More than doubled number of people with autism served by LOGAN in Michiana
- Shepherded the purchase of and move into a large former school facility for the LOGAN Autism Learning Center in Southwest Michigan
- Started the first adolescent-focused autism learning center in Michiana (now the Sonya Ansari Center for Autism)
- One of four members who was designated as part of the original planning committee responsible for developing the Michigan Behavior Analysis Providers (MiBAP) advocacy group and membership organization. Served as President and Secretary of the organization in its early years
 - o During my year as president, MiBAP fought successfully to have ABA included as an essential service during the pandemic, ensured ABA was included in network stability funding and direct care worker premium pay programs, fought for an extension of telehealth services, shaped autism legislative boilerplate language, and held over 30 meetings with state legislators, including Governor Whitmer.
- Spearheaded integration of Applied Behavior Analysis into local early learning centers, school districts, and afterschool programs to create a more inclusive community for people with autism
- Was a Principal Investigator on a National Institutes of Health R01 grant in partnership with Notre Dame that was the first of its kind at LOGAN
- Moved LOGAN's Child & Adolescent Services from paper records to Electronic Medical Records
- Successfully guided the Child & Adolescent Services program through the COVID-19 pandemic
- Ran 50k as a promotion (For the Kids 50k – FTK 50k) with the goal of raising \$50,000 for a new Autism Services building)
- Developed an Innovation Pilot Project (IPP), sponsored by the Bureau of Developmental Disability Services (BDDS) in Indiana, as a part of the Indiana Medicaid Waiver redesign. IPP program focused on effectiveness and scalability of the empirically-supported PEERS life skills program as a waiver program.
- Created innovative BCBA/SLP/OT/FST and RBT promotion plans to improve recruitment, retention, and offer opportunities for professional development. Included LOGAN Scholars Program to offer scholarships to people pursuing higher education degrees.

PUBLICATIONS AND PRESENTATIONS

(*denotes undergraduate student, **denotes graduate student, ***denotes postdoctoral fellow)

Publications in Refereed Journals and Conference Proceedings

- Patel, S., Nayar, K., Martin, G.E., Franich, K., Crawford, S., **Diehl, J.J.**, & Losh, M. (2020). An acoustic characterization of prosodic differences in autism spectrum disorder and first-degree relatives. *Journal of Autism and Developmental Disorders*, *50*, 3032-3045. doi: 10.1007/s10803-020-04392-9. (40+ citations)
- Greenlee, J., Winter, M., & **Diehl, J.J.** (2018). Family level processes associated with outcomes for individuals with autism spectrum disorder: A scoping review. *Research in Autism Spectrum Disorders*, *53*, 41-52. doi: 10.1016/j.rasd.2018.06.002. (25+ citations)
- McDonnell, C.G., Valentino, K., & **Diehl, J.J.** (2017). A developmental psychopathology perspective on autobiographical memory in autism spectrum disorder. *Developmental Review*, *44*, 59-81. doi: 10.1016/j.dr.2017.01.001. (35+ citations)
- Diehl, J.J.**, Friedberg, C., Paul, R., & Snedeker, J. (2015). The use of prosody during syntactic processing in children and adolescents with autism spectrum disorders. *Development and Psychopathology*, *27*, 867-884. doi: 10.1017/S0954579414000741. (50+ citations)
- Kaboski, J.R.***, **Diehl, J.J.**, Beriont, J.*, Crowell, C.R., Villano, M., Wier, K., & Tang, K.** (2015). Brief Report: A pilot summer robotics camp to reduce social anxiety and improve social/vocational skills for adolescents with ASD and their peers. *Journal of Autism and Developmental Disorders*, *45*, 3862-3869. doi: 10.1007/s10803-014-2153-3. (90+ citations)
- Diehl, J.J.**, Frost, S.J., Sherman, G., Mencl, W.E., Kurian, A.*, Molfese, P., Landi, N., Preston, J., Soldan, A., Fulbright, R.K., Rueckl, J., Seidenberg, M.S., Hoeft, F., & Pugh, K.R. (2014). Neural correlates of language and non-language visual processing in adolescents with reading disability. *Neuroimage*, *101*, 653-666. doi: 10.1016/j.neuroimage.2014.07.029. (50+ citations)
- Bolte E.* & **Diehl, J.J.** (2013). Measurement tools and target symptoms/skills used to assess treatment response in individuals with autism spectrum disorder. *Journal of Autism and Developmental Disorders*, *43*(11), 2491-2501. doi: 10.1007/s10803-013-1798-7. (100+ citations)
- Diehl, J.J.**, & Paul, R. (2013). Acoustic and perceptual measurements of prosody production on the PEPS-C by children with autism. *Applied Psycholinguistics*, *34*, 135-161. doi: 10.1017/S0142716411000646. PMID: PMC3223739. (100+ citations)
- Millea, M.A.*, Shea, N.M.*, & **Diehl, J.J.** (2013). Understanding the interaction of temperament and social skills in the development of social anxiety in children with autism spectrum disorders. *Autism*, *S3*(002), 1-7. doi: 10.4172/2165-7890.S3-002.
- Shea, N.M.*, Millea, M.A.*, & **Diehl, J.J.** (2013). Perceived autonomy support in children with autism spectrum disorder. *Autism*, *S3*(001), 1-6. doi: 10.4172/2165-7890.S3-001. (25+ citations)
- Ritvo, E., Barnhill, J., Berckelaer-Onnes, I.A. van, Begeer, S., Beversdorf, D., Bitsika, V., Brereton, A., Bull, K., **Diehl, J.J.**, Fiard, D., Fuentes, J., Gillberg, C., Ghasiuddin, M., Guthrie, D., Harris, S., Hu, V., Mataix-Cols, D., Matson, J., Montgomery, J., Peterson, A., Ploog, B., Prior, M., Rinehart, N., Rojahn, J., Ritvo, R.A., Stoesz, B., Tonge, B., Van Bergeijk, Woodbury-Smith, M., Yoo, J.H.. (2012). Postponing the proposed changes in DSM-5 for Autism Spectrum Disorder until new

scientific evidence adequately supports them. *Journal of Autism and Developmental Disorders*, 42(9), 2021-2022. doi: 10.1007/s10803-012-1613-x. (30+ citations)

Diehl, J.J., & Paul, R. (2012). Acoustic differences in the imitation of prosodic patterns in children with autism spectrum disorders. *Research in Autism Spectrum Disorders*, 6(1), 123-134. doi: 10.1016/j.rasd.2011.03.012. PMID: PMC3223739. (100+ citations)

Diehl, J.J., Schmitt, L.*, Crowell, C.R., & Villano, M. (2012). The clinical use of robots for children with autism spectrum disorders: A critical review. *Research in Autism Spectrum Disorders*, 6(1), 249-262. doi: 10.1016/j.rasd.2011.05.006. PMID: PMC3223958. (600+ citations)

Diehl, J.J., Wolf, J., Herlihy, L., & Moller, A.C. (2011). Seeing red: Are colors a window into implicit societal conceptions about the autism spectrum? *Disability Studies Quarterly*, 31(3). <http://dsq-sds.org/article/view/1676/1595>.

Villano, M., Crowell, C.R., Wier, K, Tang, K.**, Thomas, B.*, Shea, N.*, Schmitt, L.M.*, & **Diehl, J.J.** (2011). DOMER: A wizard of oz interface for using interactive robots to scaffold social skills for children with autism spectrum disorders. *Proceedings of the ACM/IEEE international conference on human-robot interaction*, Lausanne, Switzerland. 279-280. doi: 10.1145/1957656.1957770. (80+ citations)

Diehl, J.J. & Paul, R. (2009). The assessment and treatment of prosodic disorders and neurological theories of prosody. *International Journal of Speech-Language Pathology*, 11, 287-292. doi: 10.1080/17549500902971887. PMID: PMC2941239. (100+ citations)

Diehl, J.J., Watson, D., Bennetto, L., McDonough, J., & Gunlogson, C. (2009). An acoustic analysis of prosody in high-functioning autism. *Applied Psycholinguistics*, 30, 1-20. doi:10.1017/S0142716409090201. (150+ citations)

Arnold, J.A., Bennetto, L., & **Diehl, J.J.** (2009). Reference production in young speakers with and without autism. *Cognition*, 110, 131-146. doi: 10.1080/01690960801920099. PMID: 19111285 (150+ citations)

Diehl, J.J., Bennetto, L., Watson, D., Gunlogson, C., & McDonough, J. (2008). Resolving ambiguity: A psycholinguistic approach to prosody processing in high-functioning autism. *Brain and Language*, 106, 144-152. doi: 10.1016/j.bandl.2008.04.002. PMID: PMC2603133. (100+ citations)

Diehl, J.J., Bennetto, L., & Young, E.C. (2006). Story recall and narrative coherence of high-functioning children with autism spectrum disorders. *Journal of Abnormal Child Psychology*, 34, 83-98. doi: 10.1007/s10802-005-9003-x. (400+ citations)

Young, E.C., **Diehl, J.J.**, Morris, D., Hyman, S.L., & Bennetto, L. (2005). The use of two language tests to distinguish pragmatic language problems in children with autism spectrum disorders. *Language, Speech, and Hearing Services in Schools*, 36, 62-72. doi: 10.1044/0161-1461(2005/006). (200+ citations)

Book Chapters

- Diehl, J.J.** (2019). Clinical applications of speech technology for autism spectrum disorder. In H.A. Patil, A. Neustein & M. Kulshreshtha (Eds.), *Signal and Acoustic Modeling for Speech and Communication Disorders*. Boston: DeGruyter Publishing.
- Diehl, J.J.,** McDonnell, C.G., & Valentino, K. (2015). Autism Spectrum Disorder. In B. Flamez and C.J. Sheperis (Eds) *Diagnosing and Treating Children and Adolescents: A Guide for Mental Health Professionals* (pp. 103-117). Hoboken NJ: Wiley Publishing.
- Diehl, J.J.,** Crowell, C.R., Villano, M., Wier, K., Tang, K.**, & Riek, L. (2014). Clinical applications of robots in the diagnosis and treatment of Autism Spectrum Disorders (ASD). In V.B. Patel, V.R. Preedy, and C.R. Martin (Eds.), *Comprehensive Guide to Autism* (pp. 411-422). New York: Springer-Verlag Publishing. (70+ citations)
- Diehl, J.J.,** Tang, K.**, & Thomas, B.* (2013). High-functioning autism (HFA). In F. Volkmar, R. Paul, K. Pelphrey, & M. D. Powers (Eds.), *Encyclopedia of autism spectrum disorders* (pp. 1504-1507). New York: Springer Publishing. doi: 10.1007/978-1-4419-1698-3_344.
- Edelson, L. & **Diehl, J.J.** (2013). Prosody. In F. Volkmar, R. Paul, K. Pelphrey, & M. D. Powers (Eds.), *Encyclopedia of autism spectrum disorders* (pp. 2413-2417). New York: Springer Publishing. doi: 10.1007/978-1-4419-1698-3_366.
- Diehl, J.J.** (2013). Narrative assessment. In F. Volkmar, R. Paul, K. Pelphrey, & M. D. Powers (Eds.), *Encyclopedia of autism spectrum disorders* (pp. 1972-1973). New York: Springer Publishing. doi: 10.1007/978-1-4419-1698-3_352.
- Diehl, J.J.** (2013). Phrase length. In F. Volkmar, R. Paul, K. Pelphrey, & M. D. Powers (Eds.), *Encyclopedia of autism spectrum disorders* (pp. 2238). New York: Springer Publishing. doi: 10.1007/978-1-4419-1698-3_359.
- Diehl, J.J.** (2013). Phrenology. In F. Volkmar, R. Paul, K. Pelphrey, & M. D. Powers (Eds.), *Encyclopedia of autism spectrum disorders* (pp. 2238). New York: Springer Publishing. doi: 10.1007/978-1-4419-1698-3_360.
- Diehl, J.J.,** Frost, S.J., Mencl, W.E., & Pugh, K. (2011). Neuroimaging and the phonological deficit hypothesis. In D. Braze, S. Brady, and C. Fowler (Eds.) *Weighing Individual Differences in Reading: Theory and Evidence* (pp. 217-237). New York: Psychology Press.
- Diehl, J.J.** & Berkovits, L.* (2010). Is prosody a diagnostic and cognitive bellwether of autism spectrum disorders? In A. Harrison (Ed.) *Speech Disorders: Causes, Treatments, and Social Effects* (pp. 159-176). New York: Nova Science Publishers, Inc. (15+ citations)
- South, M., & **Diehl, J.J.** (2010). Neurobiology: fMRI. In E. Hollander, A. Kolevzon, and J. Coyle (Eds.) *Textbook of Autism Spectrum Disorders* (pp. 409-416). American Psychiatric Publishing: Arlington, VA.

Palumbo, D., & **Diehl, J.J.** (2007). Managing attentional disorders. In S.J. Hunter & J. Donders (Eds.) *Pediatric Neuropsychology Intervention* (pp. 253-286). Cambridge, UK: Cambridge University Press.

Other Notable Publications

Diehl, J.J. (2014). The pitfalls and potential of technology: A guide for parents and professionals. *Autism Spectrum News*, 6(3), 1 and 30. http://www.mhnews-autism.org/back_issues/ASN-Winter2014.pdf.

Diehl, J.J., Crowell, C.R., Villano, M., Wier, K., & Tang, K. (2013). Robots as co-therapists in behavior therapy for individuals with autism spectrum disorder. *Autism Spectrum News* 6(1), 14. http://www.mhnews-autism.org/back_issues/ASN-Summer2013.pdf.

Conference Presentations

Patel, S., Nayar, K., Martin, G.E., Lee, M., Crawford, S., La Valle, C., **Diehl, J.J.**, & Losh, M. (2017, May). Discourse profiles in Autism Spectrum Disorder: A family study of prosody. Presented at the International Meeting For Autism Research, San Francisco, CA.

Kaboski, J.*** Mancuso, F., Tang, K.,** Miller, H., Stotz, M., Fisher, E., Georgeson, J.,* Hendrix, K., Huschke, A.,* Klee, D.,* Nester, K.,* O'Boyle, K., Ramos, G.,* Riemersma, J.,* Simon, L.,* & **Diehl, J. J.** (2017, May). Computer and technology club as social performance intervention for adolescents with ASD and their peers. Presented at the International Meeting for Autism Research (IMFAR), San Francisco, CA.

Diehl, J.J. (2016, May) Translational Approaches to Abnormal Communication in ASD: Discussant. Presented at the International Meeting For Autism Research, Baltimore, MD.

Diehl, J.J., Bergman, K.N., Kaboski, J., Lee, C., Likens, J., Miller, H., & Cummings, E.M. (2016, May). Families of youth with ASD and other developmental disabilities: A theory-based intervention. Presented at the International Meeting For Autism Research, Baltimore, MD.

Kaboski, J., **Diehl, J.J.**, Kawalec, K.E., Tang, K., Van Steenwyk, H.N., Miller, H., Prough, M., Riemersma, J., Ramos, G., Klee, D., Simon, L., Georgeson, J.L., Tracy, E. (2016, May). Summer Camps as Social Performance Interventions for Adolescents with ASD and Their Peers. Presented at the 2016 International Meeting For Autism Research, Baltimore, MD.

Simon, L.T.*, Georgeson, J.L.*, Stoddart, R., Latham, S., Wier, K.G., Marciniak, L. & Diehl, J.J. (2016, May). Creativity Camp: A Pilot Study to Reduce Social Anxiety and Improve Social Skills in Youth with Autism Spectrum Disorder. Presented at the Midwestern Psychological Association Meeting, Chicago, IL.

Georgeson, J.L.*, Simon, L.T.*, Latham, S., Wier, K., Marciniak, L., **Diehl, J.J.** (2016, March). Summer creativity camp: A controlled experiment to increase social engagement between adolescents with ASD and their peers. Presented at the Indiana Speech-Language-Hearing Association Convention, Indianapolis, IN.

- Przbylowski, L., Sartorato, F., Phillips, A., Kavilaveettil, R., Childers, K., Prough, M., **Diehl, J.J.**, & Sarko, D.K. (2015, October). Audiovisual processing of social robot stimuli: Understanding therapeutic outcomes in adolescents with autism spectrum disorder. Presented at the meeting of the Society for Neuroscience, Chicago, IL.
- Diehl, J.J.**, Kaboski, J, Beriont, J.*, Villano, M., Tang, K.**, Miller, H., Flatley, A*, Hartman, N.*, Kawalec, K.*, Prough, M.*, Simon, L.*, Van Steenwyk, H.*, McWherter, W.*, Won, M.*, Crowell, C.R. (2015, May). Using a summer robotics camp to reduce social anxiety and improve social/vocational skills in ASD. Presented at the International Meeting For Autism Research, Salt Lake City, UT.
- Kaboski, J., Greenawalt, B., Clark, M., Hartman, N.*, Kawalec, K.*, Flatley, A.*, & **Diehl, J. J.** (2015, May). Profiles and outcomes of comorbid ASD and ADHD from childhood to adulthood, from ages 6 through 25. Presented at the International Meeting for Autism Research, Salt Lake City, UT.
- Tang, K.**, Dammann, A.*, Won, M.*, Hartman, N.*, Flatley, A.*, Kawalec, K.*, Van Steenwyk, H.*, Crowell, C. R., Villano, M., Wier, K., & **Diehl, J. J.** (2015, May). Great expectations: The influence of parent outcome expectancies on social skills gains in children with autism spectrum disorder. Presented at the International Meeting for Autism Research, Salt Lake City, UT.
- Musloff, J., Portenier, D., **Diehl, J.J.**, Villano, M., & Crowell, C.R. (2015, May). The effects of an interactive robot on increasing communication skills for children with autism spectrum disorders. Presented at the International Meeting for Autism Research, Salt Lake City, UT.
- Kaboski, J., Greenawalt, B., Clark, M., Hartman, N., Flatley, A.*, Kawalec, K.*, & **Diehl, J.J.** (2015, March). Childhood Profiles and Adult Outcomes in Comorbid ASD and ADHD. Presented at the Biennial Meeting of the Society for Research in Child Development, Philadelphia, PA.
- Kaboski, J., Beriont, J.*, Crowell, C.R., Villano, M., Tang, K., Miller, H., Flatley, A.*, Hartman, N., Kawalec, K.*, Prough, M.*, Simon, L.*, VanSteenwyk, H., McWherter, W.*, Won, M.*, **Diehl, J.J.** (2015, March). Summer robotics camp: A social/vocational intervention for adolescents with ASD and their peers. Presented at the Biennial Meeting of the Society for Research in Child Development, Philadelphia, PA.
- Sartorato, F., Przybylowksi, L., Kennedy, N., Prough, M.*, **Diehl, J.J.**, & Sarko, D.K. (2014, November). The effect of naturalistic versus robotic stimuli on multisensory processing: Applications for individuals with autism spectrum disorder. Presented at Neuroscience 2014, the Annual Meeting for the Society of Neuroscience, Washington, D.C.
- Pulliam, J.* & **Diehl, J.J.** (2014, November). The effect of a summer robotics camp on social interactions among adolescents with autism spectrum disorder and typically developing peers. Presented at the Annual Biomedical Research Conference for Minority Students, San Antonio, TX.
- Kaboski, J.***, Beriont, J.*, Crowell, C.R., Villano, M., Tang, K.**, Miller, H., Crown, T.*, McWherter, W.*, Gorman, T.*, Won, M.*, Zenk, J.*, Wier, K., & **Diehl, J.J.** (2014, May).

- Summer robotics camp: A pilot social/vocational intervention for adolescents with ASD and their peers. Presented at the International Meeting for Autism Research, Atlanta, GA.
- Klinepeter, E. A.*, McWherter, W.*, Mazur, S.*, Connolly, C.G.*, Gatto, C.M.*, & **Diehl, J. J.** (2014, May). The role of perceived teacher autonomy support in promoting postsecondary education expectations in students with autism spectrum disorder. Presented at the International Meeting for Autism Research, Atlanta, GA.
- Diehl, J.J.** (2014, April). Using innovation and good science to improve treatments for autism. Presented at the Indiana Speech-Language-Hearing Association Conference, Indianapolis, IN.
- Kurian, A.M., **Diehl, J.J.**, Frost, S.J., Mencl, W.E., Pugh, K.R. (2014, April). Neural correlates of a language and non-language visuospatial processing in adolescents with reading disability. Presented at the annual meeting of the Cognitive Neuroscience Society, Boston, MA.
- Musolff, J.A., Portenier, D.C., Crowell, C.R., Villano, M., & **Diehl, J.J.** (2013, July). Using an interactive robot to scaffold social skills for children with autism spectrum disorder. Presented at the National Autism Conference, State College, PA.
- Diehl, J.J.**, Crowell, C.R., Villano, M., Wier, K., Tang, K.***, Van Ness, M.*, Flores, J.*, Freeman, T.*, Klinepeter, E.*, Matthews, S.*, Mazur, S.*, & Shea, N.* (2013, May). Humanoid robots as co-therapists in ABA therapy for children with autism spectrum disorder. Presented at the International Meeting for Autism Research in San Sebastián, Spain.
- Dammann, A.*, Tang, K.***, & Diehl, J.J. (2013, May). Effect of parent expectancies of child therapy on perceived therapy outcomes in children with autism spectrum disorder. Presented at the International Meeting for Autism Research in San Sebastián, Spain.
- Shea, N.*, Millea, M.M.*, Van Ness, M.*, Tang, K.***, Mazur, S.*, & **Diehl, J.J.** (2013, May). Perceived autonomy support in children with autism spectrum disorder. Presented at the International Meeting for Autism Research in San Sebastián, Spain.
- Tang, K.***, Dammann, A.*, Ryan, K.*, & **Diehl, J.J.** (2013, May). Influence of adaptive behavior functioning of individuals with autism spectrum disorder on parental adherence to treatment recommendations. Presented at the International Meeting for Autism Research in San Sebastián, Spain.
- Vernon, J.*, Kumar, J.*, Villano, M., Crowell, C.R., Wier, K., Tang, K.***, Zona, J., Portenier, D., & **Diehl, J.J.** (2013, May). NAO-BASE: A multimedia database to support socially-assistive robotics for individuals with autism spectrum disorder. Presented at the International Meeting for Autism Research in San Sebastián, Spain.
- Klinepeter, E.A.*, & **Diehl, J.J.** (2013, May). Perceived teacher autonomy support, academic self-determination, and postsecondary education expectations in transition-age students with intellectual disability and autism spectrum disorder. Presented at the Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

- Klinepeter, E.A.*, Shea, N.M.*, Thomas, B.*, Van Ness, M.*, Kumar, J.*, Mazur, S.L.*, Millea, M.A.*, Wier, K., Tang, K.**, Villano, M., Crowell, C.R., & **Diehl, J.J.** (2012, May). The effect of a co-robot therapist on repetitive behaviors during applied behavior analysis in individuals with autism spectrum disorders. Presented at the International Meeting For Autism Research, Toronto, Canada.
- Mazur, S.*, **Diehl, J.J.**, & Bennetto L. (2012, May). The use of prosodic and syntactic cues to understand intent in discourse by children with autism spectrum disorders. Presented at the International Meeting For Autism Research, Toronto, Canada.
- Tang, K.**, Dammann, A.*, Nash, E.*, DiPiero, K.*, Uhland, K.*, **Diehl, J.J.** (2012, May). Influence of symptom severity and adaptive behavior functioning of children with autism spectrum disorders on parental adherence to treatment recommendations. Presented at the International Meeting For Autism Research, Toronto, Canada.
- DiPiero, K*., Stoddart, R., **Diehl, J.J.** (2012, May). Improvement in Eye Contact for Children with Autism Spectrum Disorder: Robot or Human Intervention? Presented at the Annual Meeting for the Midwestern Psychological Association, Chicago, IL.
- Diehl, J.J.** (2012, March). Is prosody a bellwether behavior of the autism spectrum? Presented at the Conference on Individual Linguistic Variation, with a Special Focus on the Autism Spectrum. Ottawa, Canada.
- Moskal, J.R., Burgdorf, J.S., Crowell, C.R., **Diehl, J.J.**, Brudzynski, S.M., & Pankseep, J. (2011, November). A novel NMDA receptor glycine-site partial agonist, GLYX-13, with therapeutic potential for the treatment of autism. Presented at Neuroscience 2011, the annual meeting for the Society for Neuroscience, San Diego, CA.
- Diehl, J.J.**, Snedeker, J., Paul, R., & Tang, K.** (2011, July). Cognitive and developmental factors in prosody comprehension in children with autism spectrum disorders. Symposium Title: Use of contextual information for speech and language processing in children with autism spectrum disorders: What eye-tracking measures can show us. Presented at the 12th International Congress for the Study of Child Language, Montreal, Canada.
- Diehl, J.J.**, Preston, J., & Bennetto, L. (2011, May). Diadochokinetic rate and accuracy in autism spectrum disorders. Presented at the International Meeting For Autism Research, San Diego, CA.
- Tang, K.**, **Diehl, J.J.**, Villano, M., Wier, K., Thomas, B.*, Shea, N.*, DuBois, Z.*, Millea, M.*, Uhland, K.*, & Crowell, C.R. (2011, May). Enhancing empirically-supported treatments for autism spectrum disorders: A case study using an interactive robot. Presented at the International Meeting For Autism Research, San Diego, CA.
- Thomas, B.*, Stoddart, R., Nuttal, A.**, & **Diehl, J.J.** (2011, May). Sibling relationship quality and the social skills of children with autism. Presented at the International Meeting For Autism Research, San Diego, CA.

- Diehl, J.J.** & Paul, R. (2010, May). Acoustic differences in the imitation of prosodic patterns by children with autism spectrum disorders. Presented at the International Meeting for Autism Research, Philadelphia, PA.
- Snedeker, J., **Diehl, J.J.**, & Paul, R. (2010, March). Prosody, parsing, and perseveration in high-functioning children with autism. Presented at the CUNY Conference on Human Sentence Processing, New York, NY.
- Diehl, J.J.**, Snedeker, J., & Paul, R. (2009, May). Eye-tracking as a measure of online prosody processing in autism spectrum disorders. Symposium title: "Psycholinguistic studies in autism spectrum disorders." Presented at the Biennial Meeting of the Society for Research in Child Development, Denver, CO.
- Arnold, J. E., Nadig, A., Bennetto, L., & **Diehl, J.J.** (2009, March). Pronoun comprehension and production in children with and without autism. Presented at the CUNY conference on human sentence processing, Chapel Hill, NC.
- Diehl, J.J.**, Paul, R. (2008, May). Acoustic and perceptual measurements of prosody production errors on the PEPS-C by children with autism. Presented at the International Meeting For Autism Research, London, UK.
- Kim, D.*, Newland, E.*, Paul, R., Scassellati, B., & **Diehl, J.J.** (2008, May). A robotic therapist for affective prosody in high-functioning autistic children. Paper presented at the International Meeting for Autism Research, London, UK.
- Diehl, J.J.**, Bennetto, L., Watson, D., Gunlogson, C. McDonough, J., & Watson, J.R.* (2007, April). Resolving ambiguity: The integration of prosody and syntax by individuals with high-functioning autism. Presented at the Biennial Meeting of the Society for Research in Child Development, Boston, MA.
- Diehl, J.J.**, Watson, D., McDonough, J., Gunlogson, C., Young, E.C., & Bennetto, L. (2005, May). Acoustic and perceptual analysis of prosody in high-functioning autism. Presented at the International Meeting For Autism Research, Boston, MA.
- Diehl, J.J.**, Bennetto, L., & Arnold, J.A. (2004, May). Local versus global planning in narratives by children with autism. Presented at the International Meeting For Autism Research, Sacramento, CA.
- Diehl, J.J.**, Donahue, M., Gallagher, C.A., Henderson, H.M., Iyenger, A., Peterson, C.R., Scutella, K.S., & Story, M.M. (2003, May). Caregivers of children with special health care needs: Care coordination and burden of care. Presented at the Psychiatry and Mental Health Day Collier Research Poster Session, Rochester, NY.
- Diehl, J.J.**, Bennetto, L., & Young, E.C. (2003, April). A comprehensive analysis of narratives in children with high-functioning autism. Presented at the Biennial Meeting of the Society for Research in Child Development, Tampa, FL.

Diehl, J.J., Bennetto, L., & Young, E.C. (2002, November). Memory for narratives in children with autism spectrum disorders. Presented at the International Meeting For Autism Research, Orlando, FL.

Young, E.C., **Diehl, J.J.**, Hyman, S.L., & Morris, D. (2002, November). Two standardized tests of pragmatics distinguish children with ASDs from controls matched for language fundamentals. Presented at the International Meeting for Autism Research, Orlando, FL.

PRESS

Television: PBS, NBC, MSNBC, NHK (Japan), Versus Network, WNIT

Magazines, Newspapers, Radio, and Newsletters: Wall Street Journal, US News and World Report, Times of India, ABC Radio, autismspeaks.org, HealthDay, WebMD.com, Spectrum Magazine, Family Center on Technology and Disability Newsletter, miChild Magazine, Open Minds Weekly, Science360.com, South Bend Tribune, Omaha World Herald, Erie Times, Simons Foundation (SFARI.org), ACM Tech News, Autism Spectrum News

SELECTED LECTURES AND ADDRESSES

- 2023 **Indiana Association of Residential Facilities**, Westfield, IN. “*Supporting People with Developmental Disabilities: Advice from a Sib.*”
- 2023 **Crisis Intervention Team, South Bend Police Department**, South Bend, IN. “*First Responders: Identifying and attending to individuals with developmental disabilities in a crisis.*”
- 2023 **Early Learning Center at Hubbard Hill**, Granger, IN. “*Autism Spectrum Disorder.*”
- 2022 **St. Pius X Catholic School, 4th Graders**, Granger, IN. “*Autism.*”
- 2022 **River Montessori High School**, South Bend, IN. “*Autism in the classroom.*”
- 2022 **Beacon Health & Fitness, Granger, IN.** “*Inclusion of Individuals with Autism and Developmental Disabilities.*”
- 2022 **Mental Health Awareness of Michiana**, South Bend, IN. “*Autism, A Roadmap to Resources.*”
- 2022 **Crisis Intervention Team, South Bend Police Department**, South Bend, IN. “*First Responders: Identifying and attending to individuals with developmental disabilities in a crisis.*”
- 2021 **Kalamazoo Valley Museum**, Kalamazoo, MI, “*Kaleidoscope Eyes: A different perspective on autism, art, and the world.*”
- 2021 **de Nicola Center for Ethics and Culture, University of Notre Dame**, “*The face of mercy: What we owe those with disabilities.*” 21st Annual Conference.
- 2021 **Girl Scouts of Northern Indiana**, “*Creating an inclusive environment for girls with developmental disabilities.*”
- 2021 **Crisis Intervention Team, South Bend Police Department**, South Bend, IN. “*First Responders: Identifying and attending to individuals with developmental disabilities in a crisis.*”
- 2020 **Indiana Association of Rehabilitation Facilities**, Indianapolis, IN. “*Attending to individuals with disabilities and working with first responders in a crisis.*” INARF Direct Service Provider Webinar.

- 2020 **Ready to Grow St. Joe**, South Bend, In. *“How to support families of children with Autism Spectrum Disorder and other IDD’s.”* Healthy Babies
- 2020 **St. Joseph Regional Medical Center**, Mishawaka, IN. *“Autism Spectrum Disorder.”*
- 2020 **Saint Mary’s College**, Notre Dame, IN. *“Supporting siblings of individuals with developmental disabilities: Advice from a sib.”*
- 2019 **Riverwood Center**, Benton Harbor, MI. *“Autism Spectrum Disorder.”*
- 2019 **Crisis Intervention Team, South Bend Police Department**, South Bend, IN. *“Autism – Information for first responders.”*
- 2019 **Ivy Tech Community College**, South Bend, IN. *“Strategies for working with college students with autism.”*
- 2019 **Buchanan Fire Department**, Buchanan, MI. *“Autism – Information for first responders.”*
- 2019 **Ancilla College**, Donaldson, IN. *“Transitions to adulthood for people with autism.”*
- 2019 **Mishawaka High School**, Mishawaka, IN. *“Careers in developmental disabilities.”*
- 2018 **Saint Mary’s College**, Notre Dame, IN. *“Supporting siblings of individuals with developmental disabilities: Advice from a sib.”*
- 2018 **Chosen Vision**, East Lansing, MI. *“Shane’s journey.”*
- 2018 **Montessori School at Edison Lakes**, Mishawaka, IN. *“Autism in the classroom.”*
- 2018 **Ready to Grow St. Joe, ‘Learn the Signs, Act Early’**, South Bend, IN. *“Why we don’t act early.”*
- 2017 **Mary Beck Elementary School**, Elkhart, IN. *“Celebrating abilities, differences, and being inclusive.”*
- 2017 **Ancilla College and IN*Source**, Donaldson, IN. *“First Responders: Identifying & attending to individuals with disabilities in a crisis.”*
- 2017 **Saint Mary’s College**, Notre Dame, IN. Autism Awareness Month sponsored by Belles Buddies. *“Beyond Awareness: Spreading knowledge about the causes, diagnosis, and treatment of autism.”*
- 2017 **First Presbyterian Church**, Mishawaka, IN. *“Understanding autism: Causes, treatments, and creating an inclusive environment in your church.”*
- 2016 **International Meeting For Autism Research**, Baltimore, MD. *“Translational approaches to abnormal communication in ASD.”*
- 2016 **Parent to Parent of Southwest Michigan**, Portage, MI. *“A night for parents about sibs.”*
- 2015 **Sunnyside Presbyterian Church**, South Bend, IN. *“Creating an inclusive environment for individuals on the autism spectrum.”*
- 2015 **Family and Children’s Center**, South Bend IN. *“Tracking your child’s development.”*
- 2014 **Michigan State University**, Department of Human Development and Family Studies. *“Using Technology to Improve Communication in ASD: What Humans Can Learn from Robots.”*
- 2014 **Indiana Speech-Language-Hearing Association Conference**, Indianapolis, IN. *“Using Innovation and Good Science to Improve Treatments for Individuals with Autism.”*
- 2014 **Penn State University**, Departments of Psychology and Communication Sciences and Disorders. *“More than words: What prosody tells us about autism spectrum disorder.”*
- 2013 **Rockland County Autism Symposium, Autism Science Foundation**, Pearl River, NY. *“Using Technology to Improve Communication in ASD: What Humans Can Learn from Robots.”*

- 2013 **Memorial Hospital**, Healthy Babies Meeting. *“Autism Spectrum Disorder: Early Identification and the First 100 Days.”*
- 2013 **Barber National Institute**, Erie, PA. *“Robots and Autism: Impact, Potential, and the Future. A Research Update by Joshua Diehl, Ph.D.”*
- 2013 **Sonya Ansari Center for Autism** (community talk), South Bend, IN. *“The current state of autism research: 2013.”*
- 2013 **International Meeting For Autism Research**, Press Conference, San Sebastián, Spain. *“Humanoid robots as co-therapists in ABA therapy for children with autism spectrum disorder.”*
- 2013 **WNIT**, South Bend IN, Guest Panelist. *“Ask the Expert: Autism.”*
- 2012 **Portage District Library**, Portage, MI, Grandmother and CIG Endowment Fund Guest Speaker. *“Autism Spectrum Disorder.”*
- 2012 **Portage Central High School**, Portage, MI. *“Autism.”*
- 2012 **The Ohio State University – Marion**, Department of Psychology. *“Autism Spectrum Disorders: Innovations in Treatment.”*
- 2012 **Social Sciences and Humanities Research Council of Canada**. Conference on sources of individual linguistic variation, with special attention to the autism spectrum, Ottawa, Canada. *“Is prosody a bellwether behavior of the autism spectrum?”* (March, 2012)
- 2011 **Michigan State University**, Department of Family and Child Ecology. *“Siblings of individuals with disabilities.”*
- 2011 **Purdue University**, Department of Technology. IEEE Computational Intelligence Society. *“The use of humanoid robots in therapy for children with autism.”*
- 2011 **Northern Illinois University**, Department of Psychology – *“The Future is Nao: Using technology to improve communication in autism.”*
- 2011 **Barber National Institute**, Erie PA. *“Robots and research: Using the latest technology in autism research.”*
- 2011 **Ingham Intermediate School District**, Parent Advisory Board, Mason, MI. *“Need a patron saint? A mirror will suffice.”*
- 2011 **Midwest Autism Consortium**, University of Illinois-Chicago, Chicago, IL. *“More than words: Prosody processing in ASD.”*
- 2011 **Hillsdale College**, Mtg of Dept. of Human Services Workers, Hillsdale, MI. *“Autism in Hillsdale: Causes, diagnosis, treatment, and community issues.”*
- 2011 **Saint Mary’s College**, Notre Dame, IN, Disabilities Week. *“Autism Spectrum Disorders.”*
- 2010 **Indiana Clinical-Translational Sciences Retreat**, Notre Dame, IN. *“The use of interactive robots to augment therapy for children with autism.”*
- 2010 **University of Missouri**, Department of Psychology. *“Understanding (and improving) social-communication in autism spectrum disorders.”*
- 2010 **Saint Mary’s College**, Notre Dame, IN. Disabilities Awareness Week. *“Autism spectrum disorders.”*
- 2009 **Michigan State University**, Department of Family and Child Ecology. *“Siblings of individuals with disabilities.”*
- 2009 **University of Houston**, Department of Psychology. *“More than words: What prosody tells us about autism.”*
- 2009 **Michigan State University**, Department of Linguistics. *“Prosody processing in autism spectrum disorders.”*
- 2009 **University of Notre Dame**, Department of Psychology. *“More than words: What*

- prosody tells us about autism.”*
- 2009 **Michigan State University**, Department of Communicative Sciences and Disorders. *“More than words: What tone of voice tells us about autism.”*
- 2009 **Purdue University**, Department of Speech, Language, and Hearing Sciences. *“More than words: What prosody tells us about autism.”*
- 2008 **College of the Holy Cross**, Department of Psychology. *“More than words: What tone of voice tells us about autism.”*
- 2008 **Johns Hopkins University**, Department of Neurology. *“More than words: Prosodic deficits in autism.”*
- 2008 **Yale University**, Yale Child Study Center, Autism Science Meeting. *“Seeing red: Are colors a window into implicit societal conceptions about the autism spectrum?”*
- 2008 **Haskins Laboratories**, New Haven, CT. *“Prosody processing and production in autism spectrum disorders.”*
- 2007 **Yale University**, Yale Child Study Center, Autism Science Meeting. *“Prosody processing and production in autism.”*
- 2007 **University of Rochester School of Medicine**, Department of Psychiatry. *“Prosody processing and production in autism.”*
- 2007 **Yale University**, Yale Child Study Center. *“Prosody performance in high-functioning autism.”*

TEACHING

Courses Taught

- 2023-Current **Methods in Behavioral Science** (Undergraduate), Department of Psychology, University of Notre Dame, Notre Dame IN.
 - Note: First time taught, Fall 2023
- 2023-Current **Abnormal Psychology** (Undergraduate), Department of Psychology, University of Notre Dame, Notre Dame IN.
 - Note: First time taught, Fall 2023
- 2019-2023 **Approaches to Autism Intervention** (Graduate), Master of Autism Studies Program, Saint Mary’s College, Notre Dame IN.
 - Note: Course had an average rating of 5.93/6.0 across three years of the course in overall course ratings, and 6.0/6.0 in knowledge gained, and instructor.
- 2019-2023 **A Biopsychosocial Approach to Understanding Autism** (Graduate), Master of Autism Studies Program, Saint Mary’s College, Notre Dame IN.
 - Note: Course had an average rating of 6.0/6.0 across two years of the course in overall course ratings, knowledge gained, and instructor.
- 2014-2016 **Autism Spectrum Disorder Practicum I & Iw** (Undergraduate), Department of Psychology, University of Notre Dame. Originally called *Autism*.
 - Note: Course ranked in top 20% in student rankings of all comparable University classes in overall course rating and overall effectiveness of teaching for two of the last three semesters it was taught.

- 2014-2016 **Autism Spectrum Disorder Practicum II & IIw** (Undergraduate), Department of Psychology, University of Notre Dame. Originally called *Practicum in Developmental Disabilities*.
- Course ranked in *top 20%* in student rankings of all University classes in overall effectiveness of teaching and intellectual challenge in the most recent course ratings.
- 2012 **Asperger Syndrome: The Short Life and Death of a Diagnosis** (Undergraduate Upper Level Seminar), Department of Psychology, University of Notre Dame
- Note: Course ranked in *top 20%* in student rankings of all comparable University classes in overall course rating and intellectual challenge, and *top 10%* in overall effectiveness of teaching in the first semester it was taught (Fall, 2012)
- 2011-2014 **Neurodevelopmental Disorders** (Undergraduate, 50 students), Department of Psychology, University of Notre Dame
- Note: Course has ranked *at least in the top 20%* of all comparable University classes in student rankings of intellectual challenge for the past five semesters, and for three of the past four semesters in the overall course rating and overall effectiveness of teaching.
- 2010-2014 **Research Lab on Autism Spectrum Disorder** (Undergraduate), University of Notre Dame
- 2010-2012 **Research Lab on Reading Disorders** (Undergraduate), University of Notre Dame, Department of Psychology
- 2010 **Childhood Disorders and Neurodevelopmental Disabilities** (Graduate), Department of Psychology, University of Notre Dame
- 2009- 2011 **Introduction to Psychology** (Undergraduate, 80-155 students), University of Notre Dame Department of Psychology
- Note: Course ranked in top 20% of all comparable courses in student overall course ratings for two of the past three semesters, in student ratings of effectiveness of teaching for three of the past four semesters, and in intellectual challenge in the most recent semester
- 2009 **Special Studies on Reading Disorders** (Undergraduate), University of Notre Dame, Department of Psychology
- 2001-2007 **Independent Study and Research in Developmental Neuropsychology** (Undergraduate), University of Rochester, Department of Clinical and Social Sciences in Psychology
- 2001-2005 **Practicum in Developmental Disabilities** (Undergraduate, 4 non-consecutive semesters), University of Rochester, Department of Clinical and Social Sciences in Psychology

Guest Lectures

Autism Spectrum Disorder (Undergraduate, Graduate, Postdoctoral)
 Interdisciplinary Collaboration (Graduate)
 Developmental Disabilities (Undergraduate, Graduate)
 Disability in Pop Culture (Undergraduate)
 Gender Issues in Developmental Disabilities (Undergraduate)
 How to be a Good Colleague (Graduate)

Introduction to Research for Freshman (Undergraduate)
 Navigating the Job Market (Graduate, Postdoctoral)
 Neuropsychological Assessment (Undergraduate, Graduate)
 Psychology Proseminar (Undergraduate)
 Securing Funding from Private Foundations (Postdoctoral)
 Siblings of Individuals with Developmental Disabilities (Undergraduate)
 Technology and Autism (Undergraduate, Graduate)
 Technology and Children with Developmental and Learning Disabilities (Undergraduate)

DEPARTMENT, CAMPUS, AND COMMUNITY INVOLVEMENT

Current

2018- **Board of Directors**, *Camp Millhouse*, South Bend, IN
 2017- **Board Member**, *Chosen Vision*, DeWitt, MI
 2014- **Advisory Board**, *Communication Sciences and Disorders Graduate Program*, St. Mary's College, Notre Dame, IN

Previous

2021-2023 **Representative**, St. Joseph County Crisis Intervention Team Collaboration
 2019-2023 **Representative**, *Saint Joseph County CARES*, South Bend, IN
 2017-2020 **Autism Advisory Committee**, *Ancilla College Autism Initiative*, Donaldson, IN
 2015-2022 **Board Member**, *Racing for Steve-O Foundation*, South Bend, IN
 - Treasurer, 2018-2022
 2015-2016 **Advisory Board**, *Infiniteach*, Chicago, IL.
 2015-2018 **Program Committee**, *Master of Autism Studies Program*, Saint Mary's College, Notre Dame, IN
 2013 **Judge**, *Siemens Math, Science, and Technology Competition*.
 2012-2015 **Faculty Advisor**, *Super Sibs*, University of Notre Dame.
 2012 **Member**, *University of Notre Dame Hesburgh Library Focus Group*
 2011-2012 **Elected Member**, *College of Arts and Letters Research Council*, University of Notre Dame
 2011 **Reviewer**, *Undergraduate Library Research Award*, University of Notre Dame
 2010-2015 **Fellow**, *Institute for Educational Initiatives*, University of Notre Dame
 2010-2013 **Elected Member**, *College of Arts and Letters College Council*, University of Notre Dame
 2010-2014 **Faculty Member**, *Disability Studies Forum*, University of Notre Dame
 2009-2015 **Faculty Advisor**, *Special Friends Club of Notre Dame and St. Mary's*, University of Notre Dame

Graduate First Year, Master's Thesis, and Dissertation Supervision

2023 Master's Thesis, Mikayla Lanzillo (Saint Mary's) - "Autistic women's childbirth experiences."
 2021 Master's Thesis, Emily Cavaretta (Saint Mary's) - "Executive function toolkit: Resources for autistic college students and peer mentors."
 2021 Master's Thesis, Emily Bednar (Saint Mary's) - "Parent influences on stigma felt by people with autism."

- 2016 Dissertation, Karen Tang. – “Great Expectations: The Influence of Parent Expectancies on Therapeutic Improvements in Children with Autism Spectrum Disorder.”
- 2013 Dissertation (Proposal), Matthew Pruitt – “Improved Processing of Human Affective Behavior for Detection of Salient Events.”
- 2012 Master’s Thesis, Karen Tang – “The Role of Individual and Familial Factors on Parental Adherence to Treatment Recommendations for Individuals with Autism Spectrum Disorders.”
- 2011 First Year Project, Karen Tang – “Parental Involvement in Interventions for Children with Autism Spectrum Disorders.”

Undergraduate Senior Thesis or Honors Thesis Supervision

- 2017 Elizabeth DeLucia, University of Notre Dame Psychology Department Senior Honors Thesis, “Family Relationships and Quality of Life for Adults with Intellectual and Developmental Disabilities in Group Homes.”
- 2016 Haley Van Steenwyk, Glynn Family Honors Program Senior Honors Thesis. “Relationship between Restricted and Repetitive Behaviors and Anxiety in Adolescents with Autism Spectrum Disorder and Typically Developing Peers.”
- 2015 Laura Simon, Saint Mary’s College Department of Psychology. “Creativity Camp: An Intervention for the Increase in Social Skills and Reduction of Social Anxiety and Problem Behaviors for Youth with Autism Spectrum Disorder.”
- 2015 Megan Sullivan, Glynn Family Honors Program Senior Honors Thesis.
- 2014 Jane Beriont, Glynn Family Honors – Program Senior Honors Thesis. “Performance-based intervention to reduce social anxiety in adolescents with autism spectrum disorder.”
- 2014 Tara Crown, Glynn Family Honors Program Senior Honors Thesis. “Critical evaluation of tests used with mouse models of autism spectrum disorder.”
- 2013 Elizabeth Klinepeter, Department of Psychology Senior Honors Thesis, “Perceived Teacher Autonomy Support, Academic Self-Determination, and Postsecondary Education Expectancies in Transition-Age Students with Intellectual Disability and Autism Spectrum Disorder.”
- 2013 Alyssa Dammann, Department of Psychology Senior Thesis, “Effect of Parent Expectations of Child Therapy on Perceived Therapy Outcomes in Children with Autism.”
- 2012 Erin Bolte, Glynn Family Honors Program Senior Honors Thesis. “Review of target symptoms and measurement tools for intervention outcomes in individuals with autism spectrum disorders.”
- 2012 Margaret Millea, Department of Psychology Senior Honors Thesis – “Understanding the role of temperament in the development of social anxiety in children with autism spectrum disorders.”
- 2012 Nicole Shea, Department of Psychology Senior Honors Thesis – “Perceived autonomy support in children with autism spectrum disorders.”
- 2012 Megan Van Ness, Department of Psychology Senior Honors Thesis – “An Interactive Robot Co-therapist as an Object of Joint Attention for Children with Autism.”

Master’s, Dissertation, and Prelim Committees

- 2023 Comprehensive Committee (Saint Mary’s College) – Becca Sites

2023	Comprehensive Committee (Saint Mary's College) – Bella LaFemina
2022	Master's Thesis Committee (Saint Mary's College) – Megan Wilcoxon
2022	Comprehensive Exam Committee (Saint Mary's College) – Maria Gallegos
2022	Comprehensive Exam Committee (Saint Mary's College) – Emmy Jezek
2021	Master's Thesis Committee (Saint Mary's College) – Emily Cavaretta
2021	Master's Thesis Committee (Saint Mary's College) – Emily Bednar
2021	Comprehensive Exam Committee (Saint Mary's College) – Anna Mullek
2021	Comprehensive Exam Committee (Saint Mary's College) – Kelsie Verhoeve
2016	Dissertation Committee – Christina McDonnell
2014	Dissertation Committee – Elizabeth Planalp
2013	Dissertation Committee – Sara Fulmer
2013	Dissertation Committee – Christine Guasto Steeger
2012	Master's Thesis Committee – Michelle Comas
2011	Master's Thesis Committee – Meg Trucano
2011	Dissertation Committee – Ann Flies-Johnson
2011	Oral Candidacy Exam (Outside Chair) – Jessica Lumsden
2011	Dissertation Committee – Andrea Christensen
2010	Master's Thesis Committee – Paul Stey
2010	Prelim Committee – Ann Flies-Johnson
2010	Dissertation Committee (Outside Chair) – Jody Peters

Department Committees

Undergraduate Studies Committee

Website Strategic Planning Committee

PROFESSIONAL ACTIVITIES

Board of Directors, *Indiana Providers of Effective Autism Treatment* (2021-2023)

Board of Directors, *Michigan Behavior Analysis Providers Association* (2019-2023)

- Secretary (2019-2020)

- President (2020)

Associate Editor, *Journal of Autism and Developmental Disorders* (2012-2019)

Editorial board, *Journal of Autism and Developmental Disorders* (2010-2019)

Editorial board, *Encyclopedia of Autism Spectrum Disorders* (2010-2015)

Ad hoc grant reviewer, *Institute of Education Sciences, US Department of Education*

Ad hoc grant reviewer, *Economic and Social Research Council*

Ad hoc grant reviewer, *Israel Science Foundation*

Ad hoc reviewer: *Applied Psycholinguistics, Autism-International Journal of Research and Practice, Autism Open Access, Autism Research, Cognition, Developmental Psychology, Development and Psychopathology, International Journal of Language and Communication Disorders, International Journal of Speech-Language Pathology, Journal of Experimental Psychology: Human Perception and Performance, Journal of Human-Robot Interaction, Journal of Neurodevelopmental Disabilities, Journal of Speech, Language, and Hearing Research, Language, Speech, and Hearing Services in Schools, Language and Cognitive Processes, Psychological Medicine, Psychological Science, Research in Developmental Disabilities*