

Inna Fishman, Ph.D.

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EDUCATION

- 2007 Ph.D., Clinical Psychology, Specialization in Clinical Neuropsychology
University of South Florida, Tampa, FL
- 2002 M.A., Psychology
State University of New York (SUNY) at Buffalo, Buffalo, NY
- 1997 B.A., Psychology, minor in Philosophy
Bar-Ilan University, Ramat-Gan, Israel

CURRENT POSITIONS

Research Associate Professor, Department of Psychology, San Diego State University (SDSU)
Director, Social, Cognitive and Affective Neurodevelopment (SCANgroup), SDSU
Associate Clinical Director, Brain Development Imaging Laboratories (BDIL), SDSU
Doctoral Faculty, UCSD/SDSU Joint Doctoral Program in Clinical Psychology

RESEARCH INTERESTS

Social and Affective Neuroscience, Brain Development, Brain Imaging

- Neural correlates and brain mechanisms underlying social cognition
- Event-Related Potentials (ERPs); functional MRI (fMRI); functional and structural network connectivity (fcMRI and diffusion MRI)
- Autism and other neurodevelopmental disorders; typical and atypical development

ACADEMIC HONORS and AWARDS

- 2018 Most Influential Faculty Member, SDSU Dept. of Psychology
- 2017 Mentor on the Undergraduate Summer Research Award, Autism Science Foundation
- 2015 NIMH BRAINS (Biobehavioral Research Award for Innovative New Scientists) Award
- 2014 Mentor on the Undergraduate Summer Research Award, Autism Science Foundation
- 2012 Career Development Award (K award), NIH/NIMH
- 2012 Autism Science Foundation Fellowship
- 2009 Salk Instrumentation Revitalization Fund (SIRF) award, The Salk Institute
- 2007 National Institute of Health (NIH) Post-Doctoral Training Fellowship (T32)
- 2006 Student Merit Award, Research Society on Alcoholism
- 2005 American Psychological Association (APA) Dissertation Research Award
- 2005 American Psychological Association (APA) Travel Grant for Advanced Training on fMRI
- 2001 Mark Diamond Research Fund, Graduate Research Award, SUNY at Buffalo

PROFESSIONAL AFFILIATIONS

Society for Neuroscience (SfN)
Organization for Human Brain Mapping (OHBM)
Cognitive Neuroscience Society (CNS)
Social and Affective Neuroscience Society (SANS)
Society of Biological Psychiatry (SOBP)
International Society for Autism Research (INSAR)

PRIOR PROFESSIONAL EXPERIENCE

- 2012-2017 Research Assistant Professor
Department of Psychology, San Diego State University (SDSU)
- 2009-2011 Research Associate
Laboratory for Cognitive Neuroscience, The Salk Institute for Biological Studies; La Jolla, CA
- 2007-2009 Postdoctoral Fellow in Cognitive Neuroscience
Institute for Neural Computation, University of California San Diego (UCSD) and Laboratory for Cognitive Neuroscience, The Salk Institute; La Jolla, CA
- 2006-2007 Neuropsychology Intern, APA-Predoctoral Clinical Psychology Internship
University of California San Diego Medical Center; San Diego, CA
- 2002-2006 Graduate Research Assistant
Cognitive Psychophysiology Lab; University of South Florida (USF), Tampa, FL
- 2003-2004 Neuropsychology Trainee
Memory Disorder Clinic; USF School of Medicine; Tampa, FL
- 2000-2002 Neuropsychology Trainee and Psychometrist
Neurology Department; SUNY at Buffalo School of Medicine; Buffalo, NY

TEACHING AND MENTORING

▪ Teaching Experience:

- 2011-2014 University of California San Diego (UCSD):
Introduction to Psychology (2012)
Introduction to Cognitive Psychology (2011, 2014)

▪ Honors and Awards to Mentees:

- 2018 Ellyn Pueschel, Outstanding Graduating Senior in Psychology, SDSU Dept. of Psychology
- 2018 Lindsay Olson, National Science Foundation (NSF) Graduate Fellowship Research Program (GFRP) application, Honorable Mention
- 2017 Ellyn Pueschel, Undergraduate Summer Research Award, Autism Science Foundation
- 2014 Nicholas Ray, Undergraduate Summer Research Award, Autism Science Foundation

▪ Theses/Dissertations Chaired:

- 2017-2018 Ellyn Pueschel, Undergraduate Honors Thesis, Dept. of Psychology, SDSU
- 2015-2018 Chris Fong, Masters Thesis Committee, Dept. of Psychology, SDSU
- 2015-2018 Anna Legenkaya, Masters Thesis Committee, Dept. of Psychology, SDSU
- 2016-2017 Natalia Witkowska, Undergraduate Honors Thesis, Dept. of Psychology, SDSU

RESEARCH SUPPORT

▪ Grants:

- 2015-2020 **Principal Investigator**, NIMH BRAINS: Biobehavioral Research Award for Innovative New Scientists (R01 MH107802)
Multimodal Imaging of Early Neural Signature in Autism Spectrum Disorder
- 2018-2019 **Principal Investigator** (subaward), Academic-Community Partnership Pilot Award, NIH NCATS: CTSA UL1TR001442 Parent Grant to UC San Diego
Community Partnership to Evaluate Clinical Outcomes of Improv Theater

Intervention for Teens with Autism

- 2016-2017 **Co-PI** (Multiple PIs: Abel, A; Fishman, I, Love, T), Collaborative Pilot Award; Center for Clinical and Cognitive Neuroscience (CCN), San Diego State University (SDSU); *Neural Correlates of Specific Language Impairment (SLI)*
- 2012-2017 **Principal Investigator**, K01 Career Development Award (K01 MH097972), NIMH *Multimodal Imaging of Social Brain Networks in ASD*
- 2014-2015 **Principal Investigator**, Clinical Pilot Project; Clinical and Translational Research Institute (CTRI), University of California San Diego (UCSD) *Neural Generators of Emotional Mimicry (and Lack Thereof) in Autism*
- 2014-2019 **Co-Investigator**, NIH R01 MH101173 (PI: Mueller, R-A) *Integrity and Dynamic Processing Efficiency of Networks in ASD*

▪ **Fellowships:**

- 2012-2013 Autism Science Foundation Fellowship
- 2007-2009 National Research Service Award (NRSA) Fellowship (T32), NIMH / UC San Diego

▪ **Funding to trainees, sponsored**

- 2018 **Mentor**, University Graduate Fellowship (Awardee: Bosi Chen), SDSU
- 2018 **Mentor**, University Graduate Fellowship (Awardee: Lindsay Olson), SDSU
- 2017 **Mentor**, Undergraduate Summer Research Award (Awardee: Elly Pueschel), Autism Science Foundation (ASF)
- 2014 **Mentor**, Undergraduate Summer Research Award (Awardee: Nicholas Ray), Autism Science Foundation (ASF)

PUBLICATIONS

(* indicates current or former under/graduate student or postdoctoral fellow working under my full or partial supervision)

▪ **Peer-Reviewed Journal Articles:**

27. Müller, R.-A. & **Fishman, I.** (in press). Brain connectivity and neuroimaging of social networks in autism. *Trends in Cognitive Sciences (invited submission)*.
26. Reiter, M. A., Mash, L. E., Linke, A. C., Fong, C. H., **Fishman, I.** & Müller, R.-A. (in press). Distinct patterns of atypical functional connectivity in lower-functioning autism. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*.
25. Jao Keehn, R. J., Nair, S., Pueschel, E. B.,* Linke, A., **Fishman, I.**, & Müller, R.-A. (in press). Atypical local and distal patterns of occipito-frontal functional connectivity are related to symptom severity in autism. *Cerebral Cortex*.
24. **Fishman, I.**, Linke, A., Hau, J., Carper, R., & Müller, R.-A. (2018). Atypical functional connectivity of amygdala related to reduced symptoms severity in children with autism. *Journal of the American Academy of Child & Adolescent Psychiatry*, 57(10), 764–774.
23. Kohli, J. S., Kinnear, M. K., Fong, C. H.,* **Fishman, I.**, Carper, R., & Müller, R.-A. (2018). Local cortical gyrification is increased in children with autism spectrum disorders, but decreases rapidly in adolescents. *Cerebral Cortex* [Epub ahead of print].

22. Linke, A.,* Jao Keehn, R. J., Pueschel, E. B.,* **Fishman, I.**, & Müller, R.-A. (2018). Children with ASD show links between aberrant auditory processing, social symptoms, and atypical interhemispheric and thalamocortical functional connectivity. *Developmental Cognitive Neuroscience*, 29, 117-126.
21. Abbott, A. E., Linke, A.,* Nair, A., Jahedi, A., Alba, L., Keown, C., **Fishman, I.**, & Müller, R.-A. (2018). Repetitive behaviors in autism are linked to imbalance of corticostriatal connectivity: A functional connectivity MRI study. *Social Cognitive and Affective Neuroscience*, 13(1), 32-42.
20. Linke, A.,* Olson, L.,* Gao, Y., **Fishman, I.**, & Müller, R.-A. (2017). Psychotropic medication use in autism spectrum disorders may affect functional brain connectivity. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 2(6), 518–527.
19. Di Martino, A., O'Connor, D., Chen, B., Alaerts, K., Anderson, J., Assaf, M., Balsters, J., Baxter, L., Beggiano, A., Bernaerts, S., Blanken, L., Bookheimer, S., Braden, B., Byrge, L., Castellanos, F., Dapretto, M., Delorme, R., Fair, D., **Fishman, I.**, Fitzgerald, J., Gallagher, L., Jao Keehn, J., Kennedy, D., Lainhart, J., Luna, B., Mostofsky, S., Müller, R.-A., Nebel, M.B., Nigg, J., O'Hearn, K., Solomon, M., Toro, R., Vaidya, C., Wenderoth, N., White, T., Craddock, C., Lord, C., Leventhal, B., & Milham, M. (2017). Enhancing studies of the connectome in autism using the Autism Brain Imaging Data Exchange II. *Scientific Data*, 4: 170010.
18. Abbott, A. E., Nair, A., Keown, C. L., Datko, M. C., Jahedi, A., **Fishman, I.**, & Müller, R.-A. (2016). Patterns of atypical functional connectivity and behavioral links in autism differ between default, salience, and executive networks. *Cerebral Cortex*, 26(10), 4034-4045.
17. **Fishman, I.**, Datko, M., Cabrera, Y.,* Carper, R., & Müller, R.-A. (2015). Reduced integration and differentiation of the imitation network in autism: A multimodal fcMRI and DWI study. *Annals of Neurology*, 78(6), 958-969.
16. Carper, R. A., Solders, S., Treiber, J. M., **Fishman, I.**, & Müller, R.-A. (2015). Corticospinal tract anatomy and functional connectivity of primary motor cortex in autism spectrum disorder. *Journal of American Academy of Child and Adolescent Psychiatry*, 54(10), 859-867.
15. Nair, A., Carper, R. A., Abbott, A. E., Chen, C., Solders, S., Nakutin, S., Datko, M., **Fishman, I.**, & Müller, R.-A. (2015). Regional specificity of aberrant thalamocortical connectivity in autism. *Human Brain Mapping*, 36(11), 4497-4511.
14. Ng, R.*, **Fishman, I.**, & Bellugi, U. (2015). Frontal asymmetry index in Williams syndrome: Evidence for altered emotional brain circuitry? *Social Neuroscience*, 10(4), 366-375.
13. **Fishman, I.**, Keown, C., Lincoln, A. J., Pineda, J., & Müller, R.-A. (2014). Atypical 'cross-talk' between mentalizing and mirror neuron networks in autism spectrum disorder. *JAMA Psychiatry*, 71(7), 751-760.
12. Cardinale, R. C., Shih, P., **Fishman, I.**, Ford, L. M., & Müller, R.-A. (2013). Pervasive rightward asymmetry shifts of functional networks in autism spectrum disorder. *JAMA Psychiatry*, 70(9), 975-982.
11. Mills, D., Dai, L., **Fishman, I.**, Yam, A., Appelbaum, G. A., Galaburda, A., Bellugi, U., & Korenberg, J. R. (2013). Genetic mapping of brain plasticity across development in Williams Syndrome: ERP markers of face and language processing. *Developmental Neuropsychology* (Special Issue: ERP Biomarkers), 38(8), 613-642.
10. **Fishman, I.** & Ng, R.* (2013). Error-related brain activity in extraverts: Evidence for altered response monitoring in social context. *Biological Psychology*, 91(1), 225-230.

9. **Fishman, I.**, Ng, R.*, & Bellugi, U. (2012). Neural processing of race by individuals with Williams syndrome: Do they show the other-race effect? (And why it matters). *Social Neuroscience*, 7(4), 373-384.
8. **Fishman, I.**, Ng, R.*, & Bellugi, U. (2011). Do extraverts process social stimuli differently from introverts? *Cognitive Neuroscience*, 2(2), 67-73.
7. **Fishman, I.**, Yam, A.*, Bellugi, U., & Mills, D. (2011). Language and Sociability: Insights from Williams syndrome. *Journal of Neurodevelopmental Disorders*, 3(3), 185-192.
6. **Fishman, I.**, Yam, A.*, Bellugi, U., Lincoln, A., & Mills, D. (2011). Contrasting patterns of language-associated brain activity in Autism and Williams syndrome. *Social Cognitive and Affective Neuroscience*, 6(5), 630-638.
5. **Fishman, I.**, Goldman, M., & Donchin, E. (2008). P300 as a electrophysiological probe of alcohol expectancy processes. *Experimental and Clinical Psychopharmacology*, 16(4), 341-356.
4. Benedict, R. H. B., Wahlig, E. L., Bakshi, R., **Fishman, I.**, Munschauer, F., Zivadinov, R., & Weinstock-Guttman, B. (2005). Predicting quality of life in multiple sclerosis: Accounting for physical disability, fatigue, cognition, mood disorder, personality, and behavior change. *Journal of Neurological Sciences*, 231, 29-34.
3. Carone, D., Benedict, R. B., Munschauer, F., **Fishman, I.**, & Weinstock-Guttman, B. (2005). Interpreting patient/informant discrepancies of reported cognitive symptoms in MS. *Journal of the International Neuropsychological Society*, 11, 574-583.
2. **Fishman, I.**, Benedict, R. H. B., Bakshi, R., Priore, R., & Weinstock-Guttman, B. (2004). Construct validity and frequency of Euphoria Sclerotica in multiple sclerosis. *Journal of Neuropsychiatry and Clinical Neurosciences*, 16(3), 350-356.
1. Benedict, R. H. B., Weinstock-Guttman, B., **Fishman, I.**, Sharma, J., Tjoa, C. W., & Bakshi, R. (2004). Prediction of neuropsychological impairment in multiple sclerosis: A comparison of conventional MRI measures of atrophy and lesion burden. *Archives of Neurology*, 61(2), 226-230.

▪ **Manuscripts in preparation and under review:**

- Gao, Y.,* Linke, A.,* Jao Keehn, J., Punyamurthula, S., Jahedi, A., Gates, K., **Fishman, I.**, & Müller, R.-A. (under review). The language network in autism spectrum disorders: Atypical intrinsic functional connectivity with default mode and visual regions.
- Mash, L., Linke, A., Olson, L.,* **Fishman, I.**, Liu, T., & Müller, R.-A. (under review). Transient states of network connectivity are atypical in autism: A dynamic functional connectivity study.
- Olson, L.,* Linke, A., Mash, L., Müller, R.-A., & **Fishman, I.** (in preparation). Gender-based differences in intrinsic functional connectivity in autism spectrum disorders.

▪ **Published Conference Proceedings:**

- Fishman, I.** & Bellugi, U. (2009). Linking genes, brain and behavior: Proceedings of the 12th International Professional Conference on Williams Syndrome. *Frontiers in Neuroscience*, 3(2), xxv-xxvii.

▪ **Selected Recent Conference Presentations and Abstracts:**

- Chen, B.,* Linke, A.,* Kinnear, M.,* Fong, C.,* Olson, L.,* Reynolds, S.,* & **Fishman, I.** (2018, June). Atypical sensorimotor and language network connectivity in toddlers with autism spectrum disorders. *Organization for Human Brain Mapping (OHBM)*, Singapore
- Reynolds, S.,* Kinnear, M.,* Pueschel, E.,* Linke, A.,* & **Fishman, I.** (2018, May). Touch processing and core ASD symptoms in toddlers with autism spectrum disorders. *Association for Psychological Science (APS)*, San Francisco, CA
- Olson, L.,* Linke, A.,* Mash, L., Reiter, M., Müller, R.-A., & **Fishman, I.** (2018, May). Broadly reduced intrinsic functional connectivity in girls compared to boys with autism spectrum disorders. *International Meeting for Autism Research (IMFAR)*, Rotterdam, Netherlands
- Reiter, M., Mash, L., Liu, J., Fong, C.,* Linke, A.,* **Fishman, I.**, & Müller, R.-A. (2018, April). Altered visual cortex resting-state functional connectivity in autism with concomitant cognitive impairment. *Gatlinburg Conference*, San Diego, CA
- Gao, Y.,* Linke, A.,* Jahedi, A., Punyamurthula, S., Fong, C.,* **Fishman, I.**, & Müller, R.-A. (2017, June). Language network connectivity indicates subgroups in children with autism spectrum disorders. *Organization for Human Brain Mapping (OHBM)*, Vancouver, Canada
- Olson, L.,* Reynolds, S.,* Gao, Y.,* Punyamurthula, S., Witkowska, N.,* Müller, R.-A., & **Fishman, I.** (2017, May). Relation between socioeconomic status and symptom severity, cognitive, and language ability in ASDs. *International Meeting for Autism Research (IMFAR)*, San Francisco, CA
- Reynolds, S.,* Linke, A.,* Müller, R.-A., & **Fishman, I.** (2017, May). Effects of heart rate regressors on functional connectivity in ASD. *Society for Biological Psychiatry (SBOP)*, San Diego, CA
- Reiter, M.,* Gao, Y., Linke, A.,* Jao Keehn, J., **Fishman, I.**, & Müller, R.-A. (2017, May). Underconnectivity between anterior and posterior default mode nodes in individuals with ASD and low cognitive ability. *Society for Biological Psychiatry (SBOP)*, San Diego, CA
- Jao Keehn, J., Pueschel, E.,* Gao, Y., **Fishman, I.**, & Müller, R.-A. (2017, May). Underconnectivity between salience and visual networks is associated with symptomatology in children with autism spectrum disorders. *Society for Biological Psychiatry (SBOP)*, San Diego, CA
- Gao, Y.,* Punyamurthula, S., Jahedi, A., Baggett, N., Zhao, W.*, Fong, C.,* **Fishman, I.**, & Müller, R.-A. (2017, February). Behavioral and neural substrates of language delay in children with autism spectrum disorders. *International Neuropsychological Society (INS)*, New Orleans
- Fong, C.,* Zhao, W.*, Nair, S., Berkebile, M., Müller, R.-A. & **Fishman, I.**, (2016, October). Reduced network differentiation in children with autism spectrum disorder is associated with symptom severity. *Society for Neuroscience (SfN)*, San Diego, CA
- Gao, Y.,* Berkebile, M., Jahedi, A., Punyamurthula, S., Zhao, W.*, Fong, C.,* Müller, R.-A. & **Fishman, I.**, (2016, October). Intrinsic functional overconnectivity of the language network in children with autism spectrum disorder. *Society for Neuroscience (SfN)*, San Diego, CA
- Zhao, W.*, **Fishman, I.**, Jao Keehn, R.J., & Müller, R.-A. (2016, May). Atypical intrinsic functional connectivity of core face perception system is associated with symptom severity in ASD. *International Meeting for Autism Research (IMFAR)*, Baltimore, MD
- Zhao, W.*, **Fishman, I.**, Legenkaya, A.*, Nair, S., Sullivan, M.*, Gao, Y., Berkebile, M., & Müller, R.-A. (2015, October). Atypical intrinsic functional connectivity of FFA is associated with social communication deficit in ASD. *Society for Neuroscience (SfN)*, Chicago, IL

- Gao, Y.,* Nair, S., Legenkaya, A.,* Punyamurthula, S., **Fishman, I.**, Müller, R.-A. (2015, October). Relationship between atypical language network connectivity and language deficits in children with Autism Spectrum Disorder. *Society for Neuroscience (SfN)*, Chicago, IL
- Nair, S., Keown, C., Maximo, J., Abbott, A., **Fishman, I.**, Müller, R.-A. (2015, June). Links between atypical local and long-distance connectivity in autism. *Organization for Human Brain Mapping (OHBM)*, Honolulu, HI
- Sullivan, M.*, **Fishman, I.**, Müller, R.-A. (2015, June). Atypical network integration and differentiation in autism: An ICA study using resting state fMRI. *Organization for Human Brain Mapping (OHBM)*, Honolulu, HI
- Ray, N.,* Chen, C., Jahedi, A., **Fishman, I.**, Müller, R.-A. (2015, May). Age-associated changes in functional networks in ASD: Is there a shift from overconnectivity in childhood to underconnectivity in young adulthood? *International Meeting for Autism Research (IMFAR)*, Salt Lake City, UT
- Datko, M.*, **Fishman, I.**, Cabrera, Y.*, Carper, R., & Müller, R.-A. (2014, November). White matter compromise accompanies functional connectivity within the imitation network in children with autism. *Society for Neuroscience (SfN)*, Washington, DC
- Datko, M.*, **Fishman, I.**, Cabrera, Y.*, Carper, R., & Müller, R.-A. (2014, September). Functional overconnectivity accompanied by anatomical white matter compromise of the imitation network in children with autism. *4th Biennial Conference on Resting State Brain Connectivity*, Cambridge, MA
- Cabrera, Y.*, **Fishman, I.**, Abbott, A., Nair, A., & Müller, R.-A. (2014, May). Functional overconnectivity of the Theory-of-Mind network is associated with language deficits in autism spectrum disorders. *Association for Psychological Science (APS)*, San Francisco, CA
- Abbott, A., Nair, A., Keown, C., Datko, M., **Fishman, I.**, & Müller, R.-A. (2014, May). Atypical connectivity of default mode and salience networks and links with ASD symptomatology. *International Meeting for Autism Research (IMFAR)*, Atlanta, GA
- Sullivan, M.*, **Fishman, I.**, Cabrera, Y*., & Müller, R.-A. (2014, May). Impaired maturational changes of network organization in ASD: An independent component analysis study using resting state fMRI. *International Meeting for Autism Research (IMFAR)*, Atlanta, GA
- Nair, A., Keown, C., Datko, M., Carper, R., **Fishman, I.**, & Müller, R.-A. (2014, February). Differential patterns of disrupted functional connectivity between thalamus and prefrontal and temporal cortex in autism. *International Neuropsychological Society (INS)*, Seattle WA
- Cabrera, Y.*, **Fishman, I.**, Keown, C., & Müller, R.-A. (2013, October). Atypical patterns of imitation network connectivity are associated with sociocommunicative impairment in autism spectrum disorders. *Society for Neuroscience (SfN)*, San Diego, CA
- Müller, R.-A., Nair, A., Datko, M., Shih, P., Keown, C., Maximo, J., & **Fishman, I.** (2012, September). Is the resting state the royal road to intrinsic functional connectivity? The impact of methods on fMRI results in autism. *3rd Biennial Conference on Resting State Brain Connectivity*, Magdeburg, Germany
- Fishman, I.**, Ng, R.*, Grichanik, M., Pollock, C., & Bellugi, U. (2010, August). Do extraverts process social stimuli differently from introverts? *American Psychological Association (APA)*, San Diego, CA

- Fishman, I.,** Yam, A.*, Ng, R.*, Bellugi, U., & Mills, D. (2010, March). Functional significance of N170 as revealed by Williams syndrome: Correlation with memory for faces in a genetic syndrome characterized by enhanced attention to faces. *Cognitive Neuroscience Society (CNS)*, Montreal, Canada
- Fishman, I.,** Yam, A.*, Grichanik, M., Bellugi, U., & Mills, D. (2009, April). Semantics versus grammar: Event-Related Potentials during auditory language processing in Williams Syndrome. *Cognitive Neuroscience Society (CNS)*, San Francisco, CA

MEDIA COVERAGE OF PUBLISHED WORK:

WebMD, SDSU NewsCenter, Science Daily, Psychology Today, LiveScience Blog, CBS Interactive Business Network

INVITED TALKS and COLLOQUIA

- April 2018 Advanced Educational Psychology seminar: Developmental and Biological Bases of Behavior, Dept. of Counseling and School Psychology, SDSU
Brain Imaging in autism across lifespan
- Jan. 2018 Negev Center for Autism, Ben Gurion University, Beer-Sheva, Israel
In search for early brain markers of autism
- Oct. 2017 Autism Tree Foundation, San Diego, CA
In search for early brain markers of autism
- Feb. 2017 San Diego State University (SDSU), Clinical and Cognitive Neuroscience (CCN)
Social cognition and developmental disorders
- May 2016 Rady Children's Hospital, San Diego (RCHSD) Autism Seminar Series
In search for early brain markers of autism
- March 2016 National Institute of Mental Health (NIMH), Bethesda, MD
Multimodal imaging of early neural signature of autism spectrum disorders
- April 2014 San Diego State University (SDSU), Aztecs for Autism Research Presentation
Recent findings from SDSU brain imaging studies with Autism Spectrum Disorders
- March 2012 San Diego State University (SDSU), Cognition, Brain and Development Colloquium
Probes of Sociability in the brain – ERP studies with Williams Syndrome
- Dec. 2011 University of San Diego (USD) Psychology Club (San Diego, CA):
A window into your brain: A Clinical Neuropsychologist's tale
- July 2009 Society for Autonomous Neurodynamics (SAND) Annual Meeting (La Jolla, CA):
Probes of sociability in the brain: ERP studies with Williams syndrome
- May 2009 San Diego Cognitive Neuroscience Annual Spring Retreat (San Diego, CA):
Language processing in two disorders with opposite social profiles: Williams syndrome vs. autism
- May 2008 San Diego Cognitive Neuroscience Annual Spring Retreat (San Diego, CA):
ERP Investigation of reinforcing value of human faces
- July 2007 Technion - Israel Institute of Technology, Research Center for Work Safety and Human Engineering (Haifa, Israel):
"Getting wasted": Psychophysiological perspective
- Feb. 2007 University of California San Diego (UCSD) Medical Center, Neurobehavioral Medicine Unit (NBMU) Research meetings:
The future is here: Brain-Computer Interface (BCI)

SPECIALIZED TRAINING

- 2013 Multimodal Connectivity: Structural and Functional Brain Connectivity
Martinos Center for Biomedical Imaging; Mass. General Hospital; Boston, MA
- 2007, 2010 EEGLAB workshop
Swartz Center for Computational Neuroscience, UCSD; La Jolla, CA
- 2005 APA Advanced Training Institute workshop on fMRI
Martinos Center for Biomedical Imaging; Mass. General Hospital; Boston, MA
- 2004 Neuroanatomical Brain Dissection course
Marquette University; Milwaukee, WI
- 2003 Event-Related Potentials (ERP) Summer School
ElectroGeodesics, Inc. (EGI) and University of Oregon; Eugene, OR

PROFESSIONAL SERVICE and OUTREACH

▪ **University Service:**

- 2017-present Founding Director of the SDSU Center for Autism and Developmental Disorders
- 2014-2017 Member, Masters Students Committee, Department of Psychology, SDSU
- 2004-2005 Graduate Student Representative Member, College of Arts and Sciences Graduate Curriculum Committee, University of South Florida (USF)
- 2004-2005 Student Representative, Faculty Search Committee, Psychology Department, USF

▪ **Organizational Duties:**

- 2008 Conference Co-organizer and Program Committee Chair: International Professional Conference on Williams Syndrome; Garden City, CA
- 2003-2004 Organizer, Clinical Psychology Brown Bag Research Series, University of South Florida (USF)

▪ **Service to Profession:**

Ad-Hoc Grant Reviewer:

- 2016 NIMH: Neural Mechanisms of Multi-Dimensional Emotional and Social Representation Study Section
- 2015 Israel Science Foundation (ISF)

Ad-Hoc Journal Reviewer:

Archives of Clinical Neuropsychology; Autism Research; Biological Psychiatry; Biological Psychiatry: Cognitive Neuroscience and Neuroimaging; Biological Psychology; Brain; Cerebral Cortex; Developmental Neuropsychology; Development and Psychopathology; Developmental Science; Experimental and Clinical Psychopharmacology; JAMA Psychiatry; Journal of Neuropsychiatry and Clinical Neurosciences; Neuroscience Letters; NeuroImage; PLOS One; PNAS; Psychophysiology

Conference Abstract Reviewer:

International Meeting for Autism Research (IMFAR) 2017, 2018
Social and Affective Neuroscience Society (SANS) 2015
Human Brain Mapping (OHBM) 2010, 2013, 2014, 2015, 2016, 2017, 2018
Neurobiology of Language Conference (NLC) 2009, 2011

▪ **Community Outreach and Engagement (Invited Presentations):**

- 2018, March Autism Research Series: Discovery to Solutions, Autism Speaks Roadshow, San Diego, CA: *In search for early brain markers of autism*
- 2018, Jan. Health Services Advisory Committee, Head Start Program, Neighborhood House Association (NHA), San Diego, CA: *Early signs of autism spectrum disorders*
- 2017, Aug. Early Head Start Program, Metropolitan Area Advisory Committee on Anti-Poverty (MAAC), San Diego, CA: *Early brain markers of autism*
- 2016, Aug. Speech Pathology team, Rady Children’s Hospital San Diego (RCHSD): *In search for early brain markers of autism*
- 2014, April Aztecs for Autism Research Presentation for the SDSU Office of the Students with Disabilities staff: *Recent findings on autism spectrum disorders from brain imaging studies at SDSU*
- 2014, Feb. YMCA Social Services, research presentation for the clinical social workers and speech pathologists: *What do we know about the brain in autism: Recent findings from brain imaging studies at SDSU*