

POSITIONS HELD

- 2016-Present **Doctoral Student Researcher**, San Diego State University
Brain Development and Imaging Laboratory
Mentor: Ralph-Axel Mueller, Ph.D.
- 2014-2016 **Research Coordinator and Technologist**, University of Washington
Integrated Brain Imaging Center
Mentor: Natalia Kleinhans, Ph.D.
- 2012-2014 **Research Assistant/Honors Student**, University of Washington
Psychotherapy Training Clinic
Mentor: Corry Fagan Ph.D.
- 2011-2013 **Research Assistant**, University of Washington
Integrated Brain Imaging Center
Supervisor: Sherry Willis, Ph.D.
Mentor: Tara Mahyastha, Ph.D.
- 2008-2010 **Israeli Defense Force**, Israel
Computer Network Administrator
Discharged with honors

PEER-REVIEWED PUBLICATIONS

- Reiter MA**, Mash LE, Linke AC, Fong CH, Fishman I, Müller R-A. Distinct Patterns of atypical functional connectivity in low functioning autism. 2018 (Under Review).
- Mash LE, **Reiter MA**, Linke AC, Townsend G, Müller R-A. Multimodal approaches to functional connectivity in Autism Spectrum Disorders: An integrative perspective. *Developmental Neurobiology*; 2017 (in press).
- Reiter S, Eli I, Mahameed M, Emodi-Perlman A, Friedman-Rubin P, **Reiter MA**, Winocur E. Pain catastrophizing and pain persistency in temporomandibular disorder patients; *Journal of Oral & Facial Pain and Headache*; 2017 (in press).
- Kleinhans NM, **Reiter MA**, Neuhaus E, Pauley G, Martin N, Dager SR. Subregional differences in intrinsic amygdala hyper and hypo connectivity in autism spectrum disorder. *Autism Research*. 2016; 9: 760-772.
- Askren MK, McAllister-Day TK, Koh N, Mestre Z, Dines JN, Korman BA, Melhorn SJ, Peterson DJ, Peverill M, Qin X, Rane SD, Reilly MA, **Reiter MA**, Sambrook KA, Woelfer KA, Grabowski T, Madhyastha T. Using make for reproducible and parallel neuroimaging workflow and quality assurance. *Frontiers in Neuroinformatics*. 2016; 10: 2.
- Borghesani PR, Madhyastha TM, Aylward EH, **Reiter MA**, Swarny BR, Schaie KW, Willis SL. The association between higher order abilities, processing speed, and age are variably mediated by white matter integrity during typical aging. *Neuropsychologia*. 2013; 51(8): 1435-44.

NEUROIMAGING METHODS MANUAL

Askren MK, McAllister-Day TK, Koh N, Mestre Z, Dines JN, Korman BA, Melhorn SJ, Peterson DJ, Peverill M, Qin X, Rane SD, Reilly MA, **Reiter MA**, Sambrook KA, Woelfer KA, Grabowski T, Madhyastha T. Using GNU make for neuroimaging workflow. *Frontiers in Neuroinformatics*. 2016; 10: 2. <https://www.ibic.washington.edu/wiki/download/attachments/26869797/ibicMakeManual20160216.pdf?version=1&modificationDate=1455671034751&api=v2>

PUBLISHED ASSESSMENT TRANSLATIONS

Reiter S, Winocur E, Akrish S, Reiter A, **Reiter MA**, Lahav M, Emodi-Perlman A. Diagnostic criteria for temporomandibular disorders: Hebrew version. Ohrbach R, editor. [קרטריונים אבחוניים להפרעות תפקודיות במערכת הלעיסה: גרסה עברית]. 2016. Translation available at: <https://ubwp.buffalo.edu/rdc-tmdinternational/tmd-assessmentdiagnosis/dc-tmd/dc-tmd-translations/>

PUBLISHED CONFERENCE PAPERS

Fredo J, Jahedi A, **Reiter MA**, Müller R-A. Diagnostic Classification of Autism using Resting-State fMRI Data and Conditional Random Forest. Presented at the 40th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC'18) Honolulu, HI, USA, July 17-21, 2018.

ORAL PRESENTATIONS

Reiter MA, Mash LE, Liu J, Fong C, Linke AC, Fishman I, Müller R-A. Altered resting-state functional connectivity in individuals with ASDs and impaired cognitive functioning. Presented at the International Society for Autism Research annual meeting; May 9-12, 2018, Rotterdam, Netherlands.

Reiter MA. The importance of research on Negative Valence and Adaptive Functioning in adolescents with ASD transitioning to adulthood. Autism Speaks Community Science Event, Speaker and Panelist (alongside Müller R-A, Fishman I, and Carper R). March 15, San Diego, California, United States.

CONFERENCE ABSTRACTS & POSTERS

Olson L, Linke AC, Mash LE, **Reiter MA**, R-A Müller, Inna Fishman. Broadly Reduced Intrinsic Functional Connectivity in Girls Compared to Boys with Autism Spectrum Disorders. Poster presented at the International Society for Autism Research annual meeting; May 9-12, 2018, Rotterdam, Netherlands.

Reiter MA, Mash LE, Liu J, Fong C, Linke AC, Fishman I, Müller R-A. Altered Visual Cortex Resting-state Functional Connectivity in Autism with Concomitant Cognitive Impairment. Poster presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities; April 11-13, 2018, San Diego, United States.

Reiter MA, Gao Y, Jao Keehn RJ, Linke AC, Fishman I, Müller RA. Underconnectivity between anterior and posterior default mode nodes in individuals with ASD and low cognitive ability. Poster

presented at the annual meeting of the Society of Biological Psychiatry; May 18-20, 2017, San Diego, United States.

Reiter MA, Kolodziej K, Corrigan N, Richards T, Sambrook K, Strachan E, Reilly M, Edden R, Dager SR, Kleinhans NM. GABA and Glutamate concentrations in the amygdala modulate BOLD response to rapidly presented fearful-faces and houses. Poster presented at the International Meeting for Autism Research; May 11-14, 2016, Baltimore, United States.

Reiter MA, Qin X, Strachan E, Buchwald D, Kleinhans NM. Alterations in rs-fMRI connectivity in monozygotic twins discordant for sub-clinical depression. Poster presented at the annual meeting of the Organization for Human Brain Mapping; Jun 14-18, 2015, Honolulu, United States.

Kleinhans NM, Corrigan N, **Reiter MA**, Richards T, Dager SR. Brain chemistry in adults with autism spectrum disorder. Poster presented at the International Meeting for Autism Research; May 13-16, 2015, Salt Lake City, United States.

Sambrook K, **Reiter MA**, Neuhaus E, Estes A, Dawson G, Aylward E, Kleinhans N. Enhanced intrinsic fusiform face area – occipital connectivity is associated with better face memory performance in autism spectrum disorders. Poster presented at the annual Meeting of the Organization for Human Brain Mapping; Jun 14-18, 2015, Honolulu, United States.

Kleinhans NM, Corrigan N, Reilly MA, Barrera L, **Reiter MA**, Estes A, St John T, Dager SR. N- acetyl aspartate is related to sensory processing challenges in children: A preliminary study. Poster presented at the annual meeting of the Society for Neuroscience; Nov 12-16, 2016, San Diego, United States.

Kleinhans NM, Madhyastha T, **Reiter MA**, Richards T, Dager SR. Dynamic systems imaging in adolescents with ASD of lower and higher cognitive ability. Poster presented at the International Meeting for Autism Research; May 13-16, 2015, Salt Lake City, United States.

Pagulayan K, Petrie E, Parmenter BA, Rau H, **Reiter MA**, Peskind E, Kleinhans NM. The impact of repeated blast-related mTBI on brain activation during an fMRI working memory task. Poster presented at the annual meeting of the International Neuropsychological Society; Feb 4-7, 2015, Denver, United States.

Pagulayan K, **Reiter MA**, Rau H, Reilly M, Petrie E, Peskind E, Kleinhans NM. Functional connectivity alterations associated with poor sleep quality in veterans with blast related mTBI. Poster presented at the annual meeting of the Organization for Human Brain Mapping; Jun 14-18, 2015, Honolulu, United States.

Pagulayan K, Petrie E, **Reiter MA**, Peskind ER, Kleinhans NM. Differential effects of repeated blast-related mTBI on limbic and higher level cognitive systems: A resting state fMRI study. Oral presentation at the annual meeting of the International Neuropsychological Society; Feb 4-7, 2015, Denver, United States.

McAllister-Day T, Madhyastha T, **Reiter MA**, Askren MK, Kleinhans NM, Chaovalitwongse A, Grawowski T. Developmental differences in functional connectivity in autism. Poster presented at the annual meeting of the Society for Neuroscience; Oct 17-21, 2015, Chicago, United States.

CLINICAL TRAINING & EXPERIENCE

07/2017-present **Community Mental Health Clinic – Supervised Clinician**

Clinical Supervisors:

Dr. Robin Weersing
Dr. Feion Villodas
Dr. Michael Taylor
Dr. Inna Fishman

Experienced in Treatment of:

- Major Depressive Disorder (Child, Adolescent, Adult)
- Panic Disorder with Agoraphobia
- Generalized Anxiety Disorder
- Social Anxiety Disorder
- Post-Traumatic Stress Disorder
- Attention Deficit Hyperactivity Disorder
- Relationship Distress & Marital Counseling
- Adolescent Suicidality
- Complicated Grief

Delivered Therapies:

- Cognitive Behavioral Therapy
- Behavioral Activation
- Integrated Behavior Couples Therapy
- Emotion Focused Therapy (Co-Therapy & individual couple's therapy)
- Cognitive Processing Therapy after Sexual and Domestic Violence Trauma
- Parent Training
- Mindfulness (Dialectical Behavioral Therapy)
- Exposure Therapy

Assessment:

- Intelligence
- Learning Disabilities (tests of achievement)
- Attention Deficit Hyperactivity Disorder
- Suicidality (and safety planning)

Structured Clinical Interviews:

- SCID
- M.I.N.I
- K-SADS
- Child, adult, and family intakes

9/2016 **Autism Diagnostic Observation Schedule 2 (ADOS-2) Clinical Training**

Autism Discovery Institute, Rady Children's Hospital, San Diego, CA
Clinical Training – ADOS-2 Administration (Modules 1-4)

TEACHING EXPERIENCE

2016 **Guest Lecturer, Center on Human Development and Disability, Seattle, WA**
Topic: Identifying Potential Research Participants Using Electronic Medical Records

2015 **Guest Lecturer, UW Autism Center, Seattle, WA**
Topic: MRI research in children with ASDs/Sensory Processing Disorders: Methods

SERVICE & OUTREACH

2018 **Autism Awareness Night with the SD Padres**
Awareness event for individuals and families with ASD
<https://www.mlb.com/padres/tickets/specials/autism-awareness-night>

- 2018 **Critical Issues in Child and Adolescent Mental Health Conference**
Resource booth
San Diego, California
- 2017 **Hanukah Event for Children with ASD**
Booth for individuals and families
Chabad Event, San Diego, California
- 2017 **Autism Speaks Walk – San Diego**
Booth for individuals with ASDs of all ages.
Provided assistance at the Autism Speaks resources tent
Participated in on-stage event
San Diego, CA
- 2017 **Love and Autism Conference**
Booth for individuals with ASDs of all ages.
San Diego, CA
- 2017 **San Diego Festival of Science and Engineering**
Booth for children with activities about the brain
San Diego, CA
- 2016 **Love and Autism Conference**
Booth for individuals with ASDs of all ages.
San Diego, CA

CONTINUING EDUCATION

- 2018 **Critical Issues in Child and Adolescent Mental Health Conference**
Professional Conference
San Diego, California
- 2018 **Mind Brain and Behavior I**, San Diego, CA
Structure, function, development, and pathologies of the Central Nervous System
Neuropharmacology
UC San Diego Medical School (final course grade = 89%)
- 2016 **AFNI Bootcamp**, San Diego, CA
San Diego State University
- 2015 **Research Coordinator Networking to Enhance Development Conference**
Institute of Translational Health Sciences
UW Medical Center, South Lake Union, Seattle, WA
- 2015 Seminar: “Ethical Use of the Electronic Medical Records in Research”
Center on Human Development and Disability
University of Washington, Seattle, WA

2014

Neuroimaging Graduate Course (10 weeks)

Integrated Brain Imaging Center

University of Washington, Seattle, WA

COMPUTER SKILLS

Statistics

SPSS Statistical Software, Stata, R, Mplus

Programming

Java, Python, Bash, HTML, CSS, TCSH, Gnu Make, PHP, MySQL

Imaging

AFNI, FSL, ANTs

Imaging Modalities

fMRI, DTI/DWI, MRS

Languages

English (Fluent); Hebrew (Fluent oral and written)