



Andrea Schneider, Ph.D., M.Sc.

Philosophy of Care

I am strongly committed to understanding, prevention, care, and cure of neurodevelopmental and neurodegenerative disorders. My practice includes individuals of all ages, from early childhood assessments for neurodiverse individuals to end-of-life psychological supports for individuals with neurodegenerative disorders and their families.

My philosophy of care is providing evidence-based, person-centered care for individuals with Fragile X Syndrome and autism spectrum disorders. I believe in building strong therapeutic relationships with my patients, collaborating with families and other healthcare providers, and utilizing a strengths-based approach to assessment and treatment. Through a focus on cognitive-behavioral techniques, I aim to help individuals develop coping skills and increase their ability to manage challenging behaviors and emotions. My ultimate goal is to help each individual achieve their full potential and live a fulfilling life, while also advocating for increased awareness and understanding of these conditions within the broader community.

Clinical Interests

Dr. Schneider is a psychologist and researcher at the MIND Institute. She provides assessments for various studies and clinical trials, especially focusing on Fragile X and Autism Spectrum Disorders. Dr. Schneider is part of the MIND Institute Social Skills Program and is responsible for the parent workshop component of the program. She is the lead clinician for the ACCESS Program (Acquiring Career, Coping, Executive Control, and Social Skills), a group intervention for adults with autism spectrum disorders.

Research/Academic Interests

Dr. Schneider's research focuses on psychophysiological measures using electroencephalography (EEG) and event-related potentials (ERP), heart rate variability (HRV), prepulse inhibition (PPI), and computer-based assessments that can detect changes in brain processing in individuals with neurodevelopmental and neurodegenerative disorders.

Dr. Schneider is an active Faculty member at the LEND Program (Leadership and Education in Neurodevelopmental Disabilities) at the MIND Institute and provides psychoeducational workshops.

Title Associate Research Scientist
Psychologist

Specialty Psychology, Cognitive Behavioral Therapy, Autism Spectrum Disorder

Department [Pediatrics](#)

Division Child Development and Behavior

Center/Program Affiliation [UC Davis Children's Hospital](#)
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Languages	German
Education	MSc. (not finished), Humboldt University, Charite, Berlin, Germany Ph.D., Psychology, University of Potsdam, Potsdam, Germany 2007 B.Sc./M.Sc., Psychology, University of Potsdam, Potsdam, Germany 2001
Fellowships	Fragile X Syndrome/Autism Spectrum Disorders (Postdoc), UC Davis MIND Institute, Sacramento CA 2008-2011
Board Certifications	Biofeedback and Neurofeedback Brainvision Analyzer, EEG analysis, 2010 California Board of Psychology Licensed Psychologist
Professional Memberships	American Psychological Association (APA) Center for Cognitive Studies, University Potsdam Federation of European Neuroscientists Sacramento Valley Psychological Association
Honors and Awards	2004 Prize of the scientific council of the LOS (Dyslexia)-Institutes in Germany, 2004
Select Recent Publications	To view a full list of publications for Dr. Andrea Schneider, please click here .

Famula J, Ferrer E, Hagerman RJ, Tassone F, Schneider A, Rivera SM, Hessler D. Neuropsychological changes in FMR1 premutation carriers and onset of fragile X-associated tremor/ataxia syndrome. J Neurodev Disord. 2022 Mar 23;14(1):23. doi:10.1186/s11689-022-09436-y. PMID:35321639.

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Hessl D, Libero L, Schneider A, Kerns C, Winder-Patel B, Heath B, Lee J, Coleman C, Sharma N, Solomon M, Nordahl CW, Amaral DG. Fear Potentiated Startle in Children With Autism Spectrum Disorder: Association With Anxiety Symptoms and Amygdala Volume. Autism Res. 2021 Mar;14(3):450-463. doi:10.1002/aur.2460. Epub 2020 Dec 29. PMID:33372389.

Rajaratnam A, Potter LA, Biag HMB, Schneider A, Petrasic IC, Hagerman RJ. Review of Autism Profiles and Response to Sertraline in Fragile X Syndrome-Associated Autism vs. Non-syndromic Autism; Next Steps for Targeted Treatment. Front Neurol. 2020 Oct 30;11:581429. doi:10.3389/fneur.2020.581429. PMID:33193037.

Napoli E, McLennan YA, Schneider A, Tassone F, Hagerman RJ, Giulivi C. Characterization of the



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Metabolic, Clinical and Neuropsychological Phenotype of Female Carriers of the Premutation in the X-Linked FMR1 Gene. *Front Mol Biosci.* 2020 Oct 22;7:578640. doi:10.3389/fmolb.2020.578640. PMID:33195422.

Schneider A, Summers S, Tassone F, Seritan A, Hessel D, Hagerman P, Hagerman R. Women with Fragile X-associated Tremor/Ataxia Syndrome. *Mov Disord Clin Pract.* 2020 Sep 23;7(8):910-919. doi:10.1002/mdc3.13084. PMID:33163562.

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